

V-3 UTEE Series Oil Filled Submersible Pump Set



European Technology Energy Efficient Pumpset

Suitable for 3.0" and above Dia. Borewell, 50Hz - 230 Volt, in Single Phase.

Model : KO-04

Sr. No.	H.P.	Stg.	Price ₹		Discharge in LPM & LPH and Operating Head Range In Metre						Over all Effi. % as per IS 14220/18	Falcon Max. Overall Effi. in %	More Result Compare to IS	Achieved Star as per BEE Calcu.
			Pump Only	Pump Set	LPM	60	55	50	45	35				
				Without Panel	LPH	3600	3300	3000	2700	2100				
1	0.50	11	3,710	9,980	Head in Metre	17	22	28	33	39	21.50	34.00	58%	6
2	0.75	16	4,500	11,620		24	32	40	48	56	22.50	36.00	60%	7
3	1.00	21	5,160	13,250		32	42	53	63	74	25.00	37.00	48%	5
4	1.25	26	5,800	15,150		39	52	65	78	91	26.50	37.50	42%	5

Model : KO-06

Sr. No.	H.P.	Stg.	Price ₹		Discharge in LPM & LPH and Operating Head Range In Metre						Over all Effi. % as per IS 14220/18	Falcon Max. Overall Effi. in %	More Result Compare to IS	Achieved Star as per BEE Calcu.
			Pump Only	Pump Set	LPM	85	80	75	60	50				
				Without Panel	LPH	5100	4800	4500	3600	3000				
5	0.50	9	3,630	9,900	Head in Metre	14	18	23	27	32	22.79	38.00	67%	7
6	0.75	12	4,220	11,340		18	24	30	36	42	23.85	39.00	64%	7
7	1.00	16	4,810	12,900		24	32	40	48	56	26.00	41.00	55%	6
8	1.25	20	5,400	14,750		30	40	50	60	70	28.09	41.00	46%	5
9	1.50	24	6,070	16,880		36	48	60	72	84	28.09	41.50	48%	5

V-3 UTEE Oil Filled Single Phase Motor		
ALLUMINIUM ROTOR	H.P.	Price ₹
	0.50	6,270
	0.75	7,120
	1.00	8,090
	1.25	9,350
	1.50	10,810



V3 UTEE Series



KO Series Bowlset

V-3 KF Pump With V-3 Standard Motor (73mmø) - Single Phase



Engineering Plastic Bowlset With S.S. NeckRing andh CED Coated Cast Iron Parts NEMA Standard Pumpset

Suitable for 3.0” and above Dia. Borewell, Water Filled Motor Aluminium Rotor, 50Hz - 230 Volt, in Single Phase.

Model : KF-08 Outlet : 1.25" (32mm)

Sr. No.	H.P.	Stg.	Price ₹		Discharge in LPM & LPH and Operating Head Range In Metre							Over all Effi. % as per IS 8034/18	Fai\$C Max. Overall Effi. in%	More Result \$Cpare to IS	A\$Cved Star as Per BEE \$C\$C
			Pump Only	Pump Set	LPM	90	85	80	70	60	50				
				Without Panel	LPH	5400	5100	4800	4200	3600	3000				
						1.00	1.50	2.00	2.50	3.00	3.60				
1	0.50	6	2,000	9,400	Total Head in Metre	6	9	12	15	18	22	-	30.00	7%	-
2	0.75	9	2,430	10,780		9	14	18	23	27	33	-	32.00	10%	-
3	1.00	12	2,870	12,150		12	18	24	30	36	43	-	35.00	12%	-
4	1.25	15	3,310	13,590		15	23	30	38	45	54	-	36.00	12%	-
5	1.50	18	4,170	15,700		18	27	36	45	54	65	-	37.00	12%	-

Model : KF-06 Outlet : 1.25" (32mm)

Sr. No.	H.P.	Stg.	Price ₹		Discharge in LPM & LPH and Operating Head Range In Metre							Over all Effi. % as per IS 8034/18	Falcon Max. Overall Effi. in%	More Result Compare to IS	Achieved Star as Per BEE Calcu.
			Pump Only	Pump Set	LPM	65	60	55	50	45	35				
				Without Panel	LPH	3900	3600	3300	3000	2700	2100				
						1.00	1.50	2.00	2.50	3.00	3.60				
6	0.50	8	2,180	9,580	Total Head in Metre	8	12	16	20	24	29	-	29.00	17%	-
7	0.75	12	2,690	11,040		12	18	24	30	36	43	-	31.00	12%	-
8	1.00	16	3,220	12,500		16	24	32	40	48	58	-	33.00	10%	-
9	1.25	20	4,160	14,440		20	30	40	50	60	72	-	34.00	9%	-
10	1.50	24	5,130	16,660		24	36	48	60	72	87	-	35.00	7%	-

Model : KF-05 Outlet : 1.25" (32mm)

Sr. No.	H.P.	Stg.	Price ₹		Discharge in LPM & LPH and Operating Head Range In Metre							Over all Effi. % as per IS 8034/18	Falcon Max. Overall Effi. in%	More Result Compare to IS	Achieved Star as Per BEE Calcu.
			Pump Only	Pump Set	LPM	45	42	39	36	33	30				
				Without Panel	LPH	2700	2520	2340	1080	1980	1800				
						1.00	1.50	2.00	2.50	3.00	3.60				
11	0.50	10	2,360	9,760	Total Head in Metre	10	15	20	25	30	36	-	27.00	17%	-
12	0.75	15	2,980	11,330		15	23	30	38	45	54	-	29.00	12%	-
13	1.00	20	4,010	13,290		20	30	40	50	60	72	-	31.00	10%	-
14	1.25	25	4,650	14,930		25	38	50	63	75	90	-	32.00	9%	-
15	1.50	30	5,710	17,240		30	45	60	75	90	108	-	33.00	7%	-

V-3 Standard NEMA Pump	
MODEL	Length
KF-08	32
KF-06	26
KF-05	23
Middle	28



KF Series Bowlset

V-3 Standard NEMA Water Filled Single Phase Motor		
ALLUMINIUM ROTOR	H.P.	MRP ₹
	0.50	7,400
	0.75	8,350
	1.00	9,280
	1.25	10,280
	1.50	11,530

V-4 UF (Unik Floating) NEMA Submersible Pumpset (96mm Ø)



UF NEMA with Oil Filled Motor & Water Filled Motor using with Small 50mm T.B.Set and without Base. 50Hz-220 Volt. in I-Phase and 380 Volt. In III-Phase

Semi Vergin Bowl & Delrin Impeller with CI Suction & Outlet UF Pump Suitable for 4.0” and above Dia. Borewell.

Specially Energy Efficient & Floating Design Pumpset i.e. Standard Average Ampere in 1.5HP-7.5A, 2.0HP-9A & 3.0HP-12A

Model : UF-06 DC

Single Phase

Sr. No.	H.P.	Stg.	Outlet in Inch	Price ₹			Discharge in LPM & m ³ /h in Operating Head Range In Metre							Over all Effi. % as per IS 8034/18	Falcon Max. Overall Effi. in%	More Result Compare to IS
				Pump Only	Pump Set With		LPM	45	38	33	28	24	18			
					UF Water Filled Motor	UF Oil Filled Motor	m ³ /h	2.7	2.3	2.0	1.7	1.4	1.1			
							ISI	3.0	4.0	4.5	5.0	5.5	6.0			
1	0.75	10	1.0	3,340	13,630	12,290	-	30	40	45	50	55	60	16.56	25.00	51%
2	1.00	14	1.0	4,510	16,070	14,000	-	42	56	63	70	77	84	17.64	26.00	47%
3	1.50	20	1.25	5,660	19,360	16,220	-	60	80	90	100	110	120	17.12	27.00	58%
4	2.00	26	1.25	7,230	23,100	19,050	-	78	104	117	130	143	156	18.30	28.00	53%

Three Phase

5	1.00	14	1.0	4,510	16,070	14,000	-	42	56	63	70	77	84	19.00	27.00	42%
6	1.50	20	1.25	5,660	19,360	16,220	-	60	80	90	100	110	120	21.28	29.00	36%
7	2.00	26	1.25	7,230	23,100	19,050	-	78	104	117	130	143	156	23.90	30.00	26%

Model : UF-08 DC

Single Phase

Sr. No.	H.P.	Stg.	Outlet in Inch	Price ₹			Discharge in LPM & m ³ /h in Operating Head Range In Metre							Over all Effi. % as per IS 8034/18	Falcon Max. Overall Effi. in%	More Result Compare to IS
				Pump Only	Pump Set With		LPM	60	52	48	42	35	25			
					UF Water Filled Motor	UF Oil Filled Motor	m ³ /h	3.6	3.1	2.9	2.5	2.1	1.5			
							ISI	3.0	4.0	4.5	5.0	5.5	6.0			
8	0.75	8	1.0	3,130	13,420	12,080	-	24	32	36	40	44	48	16.56	26.00	81%
9	1.00	12	1.0	3,760	15,320	13,250	-	36	48	54	60	66	72	17.64	28.00	76%
10	1.50	18	1.25	5,590	19,290	16,150	-	54	72	81	90	99	108	17.12	30.00	87%
11	2.00	20	1.25	5,950	21,820	17,770	-	60	80	90	100	110	120	18.65	32.00	72%

Three Phase

12	1.00	12	1.0	3,760	15,320	13,250	-	36	48	54	60	66	72	19.00	30.00	68%
13	1.50	18	1.25	5,590	19,290	16,150	-	54	72	81	90	99	108	21.28	32.00	55%
14	2.00	20	1.25	5,950	21,820	17,770	-	60	80	90	100	110	120	22.80	34.00	49%

Model : UF-10 DC

Single Phase

Sr. No.	H.P.	Stg.	Outlet in Inch	Price ₹			Discharge in LPM & m ³ /h in Operating Head Range In Metre							Over all Effi. % as per IS 8034/18	Falcon Max. Overall Effi. in%	More Result Compare to IS
				Pump Only	Pump Set With		LPM	80	70	60	64	45	35			
					UF Water Filled Motor	UF Oil Filled Motor	m ³ /h	4.8	4.2	3.6	3.8	2.7	2.1			
							ISI	3.0	4.0	4.5	5.0	5.5	6.0			
15	0.75	7	1.25	3,060	13,350	12,010	-	21	28	32	35	39	42	20.24	28.00	58%
16	1.00	10	1.25	3,560	15,120	13,050	-	30	40	45	50	55	60	21.56	30.00	53%
17	1.50	14	1.25	4,870	18,570	15,430	-	42	56	63	70	77	84	22.00	34.00	55%
18	2.00	18	1.25	5,830	21,700	17,650	-	54	72	81	90	99	108	24.64	35.00	34%
19	3.00	24	1.25	6,870	24,640	21,100	-	72	96	108	120	132	144	24.64	36.00	38%

Three Phase

20	1.00	10	1.25	3,560	15,120	13,050	-	30	40	45	50	55	60	22.00	32.00	55%
21	1.50	14	1.25	4,870	18,570	15,430	-	42	56	63	70	77	84	26.64	35.00	42%
22	2.00	18	1.25	5,830	21,700	17,650	-	54	72	81	90	99	108	26.40	36.00	36%
23	3.00	24	1.25	6,870	24,640	21,100	-	72	96	108	120	132	114	27.72	37.00	33%

Model : UF-10

Single Phase

Sr. No.	H.P.	Stg.	Outlet in Inch	Price ₹			Discharge in LPM & m ³ /h in Operating Head Range In Metre							Over all Effi. % as per IS 8034/18	Falcon Max. Overall Effi. in%	More Result Compare to IS
				Pump Only	Pump Set With		LPM	85	75	70	60	55	50			
					UF Water Filled Motor	UF Oil Filled Motor	m ³ /h	5.1	4.5	4.2	3.6	3.3	3.0			
							ISI	3.0	4.0	4.5	5.0	5.5	6.0			
24	1.00	8	1.25	3,240	14,800	12,730	-	24	32	36	40	44	48	22.54	32.00	31%
25	1.50	11	1.25	3,790	17,490	14,350	-	33	44	50	55	61	66	23.92	35.00	25%
26	2.00	14	1.25	4,910	20,780	16,730	-	42	56	63	70	77	84	25.76	36.00	18%
27	3.00	18	1.25	5,880	23,650	20,110	-	54	72	81	90	99	108	27.60	37.00	14%

Three Phase

28	1.00	8	1.25	3,240	14,800	12,730	-	24	32	36	40	44	48	23.00	33.00	35%
29	1.50	11	1.25	3,790	17,490	14,350	-	33	44	50	55	61	66	25.76	36.00	22%
30	2.00	14	1.25	4,910	20,780	16,730	-	42	56	63	70	77	84	27.60	37.00	16%
31	3.00	18	1.25	5,880	23,650	20,110	-	54	72	81	90	99	108	28.98	38.00	14%

V-4 UF (Unik Floating) NEMA Submersible Pumpset (96mm Ø)



UF NEMA with Oil Filled Motor & Water Filled Motor using with Small 50mm T.B.Set and without Base. 50Hz-220 Volt. in I-Phase and 380 Volt. In III-Phase

Semi Vergin Bowl & Delrin Impeller with CI Suction & Outlet UF Pump Suitable for 4.0” and above Dia. Borewell.

Specially Energy Efficient & Floating Design Pumpset i.e. Standard Average Ampere in 1.5HP-7.5A, 2.0HP-9A & 3.0HP-12A

Model : UF-13

Single Phase

Sr. No.	H.P.	Stg.	Outlet in Inch	Price ₹			Discharge in LPM & m³/h in Operating Head Range In Metre							Over all Effi. % as per IS 8034/18	Falcon Max. Overall Effi. in%	More Result Compare to IS
				Pump Only	Pump Set With		LPM	110	100	95	85	75	60			
					UF Water Filled Motor	UF Oil Filled Motor	m/h	6.6	6.0	5.7	5.1	4.5	3.6			
							ISI	3.0	4.0	4.5	5.0	5.5	6.0			
32	1.00	6	1.50	2,990	14,550	12,480	-	18	24	27	30	33	36	22.54	35.00	60%
33	1.50	9	1.50	3,560	17,260	14,120	-	27	36	41	45	50	54	24.01	36.00	54%
34	2.00	12	1.50	4,110	19,980	15,930	-	36	48	54	60	66	72	25.48	37.00	45%
35	3.00	15	1.50	5,280	23,050	19,510	-	45	60	68	75	83	90	27.44	39.00	35%

Three Phase

36	1.00	6	1.50	2,990	14,550	12,480	-	18	24	27	30	33	36	22.05	36.00	68%
37	1.50	9	1.50	3,560	17,260	14,120	-	27	36	41	45	50	54	24.70	37.00	54%
38	2.00	12	1.50	4,110	19,980	15,930	-	36	48	54	60	66	72	26.46	38.00	47%
39	3.00	15	1.50	5,280	23,050	19,510	-	45	60	68	75	83	90	27.50	40.00	42%

Model : UF-16

Single Phase

Sr. No.	H.P.	Stg.	Outlet in Inch	Price ₹			Discharge in LPM & m³/h in Operating Head Range In Metre							Over all Effi. % as per IS 8034/18	Falcon Max. Overall Effi. in%	More Result Compare to IS
				Pump Only	Pump Set With		LPM	145	130	120	105	90	70			
					UF Water Filled Motor	UF Oil Filled Motor	m/h	8.7	7.8	7.2	6.3	5.4	4.2			
							ISI	3.0	4.0	4.5	5.0	5.5	6.0			
40	1.50	8	1.50	3,510	17,210	14,070	-	24	32	36	40	44	48	23.46	37.00	58%
41	2.00	10	1.50	3,920	19,790	15,740	-	30	40	45	50	55	60	24.99	38.00	52%
42	3.00	12	1.50	4,340	22,110	18,570	-	36	48	54	60	66	72	26.52	40.00	43%

Three Phase

43	1.50	8	1.50	3,510	17,210	14,070	-	24	32	36	40	44	48	25.50	38.00	49%
44	2.00	10	1.50	3,920	19,790	15,740	-	30	40	45	50	55	60	28.56	39.00	37%
45	3.00	12	1.50	4,340	22,110	18,570	-	36	48	54	60	66	72	30.60	40.50	31%

Model : UF-20

Single Phase

Sr. No.	H.P.	Stg.	Outlet in Inch	Price ₹			Discharge in LPM & m³/h in Operating Head Range In Metre							Over all Effi. % as per IS 8034/18	Falcon Max. Overall Effi. in%	More Result Compare to IS
				Pump Only	Pump Set With		LPM	190	170	150	140	120	100			
					UF Water Filled Motor	UF Oil Filled Motor	m/h	11.4	10.2	9.0	8.4	7.2	6.0			
							ISI	3.0	4.0	4.5	5.0	5.5	6.0			
46	1.50	6	2.00	3,290	16,990	13,850	-	18	24	27	30	33	36	25.48	38.00	49%
47	2.00	8	2.00	3,750	19,620	15,570	-	24	32	36	40	44	48	25.48	39.00	53%
48	3.00	10	2.00	4,220	21,990	18,450	-	30	40	45	50	55	60	27.04	39.00	44%

Three Phase

49	1.50	6	2.00	3,290	16,990	13,850	-	18	24	27	30	33	36	25.48	39.00	53%
50	2.00	8	2.00	3,750	19,620	15,570	-	24	32	36	40	44	48	27.66	40.00	45%
51	3.00	10	2.00	4,220	21,990	18,450	-	30	40	45	50	55	60	29.64	40.00	35%

Model : UF-25

Single Phase

Sr. No.	H.P.	Stg.	Outlet in Inch	Price ₹			Discharge in LPM & m³/h in Operating Head Range In Metre							Over all Effi. % as per IS 8034/18	Falcon Max. Overall Effi. in%	More Result Compare to IS
				Pump Only	Pump Set With		LPM	250	230	215	200	180	150			
					UF Water Filled Motor	UF Oil Filled Motor	m/h	15.0	13.8	12.9	12.0	10.8	9.0			
							ISI	2.5	3.0	3.5	4.0	4.5	5.0			
52	1.50	5	2.00	3,200	16,900	13,760	-	13	15	18	20	23	25	28.60	39.00	33%
53	2.00	6	2.00	3,480	19,350	15,300	-	15	18	21	24	27	30	28.60	40.00	36%
54	3.00	8	2.00	4,000	21,770	18,230	-	20	24	28	32	36	40	28.60	40.00	36%

Three Phase

55	1.50	5	2.00	3,200	16,900	13,760	-	13	15	18	20	23	25	30.69	39.50	27%
56	2.00	6	2.00	3,480	19,350	15,300	-	15	18	21	24	27	30	30.69	40.50	30%
57	3.00	8	2.00	4,000	21,770	18,230	-	20	24	28	32	36	40	30.69	40.50	30%

V-4 UF (Unik Floating) NEMA Submersible Pumpset (96mm Ø)



UF NEMA with Oil Filled Motor & Water Filled Motor using with Small 50mm T.B.Set and without Base. 50Hz-220 Volt. in I-Phase and 380 Volt. In III-Phase

Semi Vergin Bowl & Delrin Impeller with CI Suction & Outlet UF Pump Suitable for 4.0” and above Dia. Borewell.

Specially Energy Efficent & Floating Design Pumpset i.e. Standard Average Ampere in 1.5HP-7.5A, 2.0HP-9A & 3.0HP-12A

Model : UF-33

Single Phase

Sr. No.	H.P.	Stg.	Outlet in Inch	Price ₹			Discharge in LPM & m³/h in Operating Head Range In Metre								Over all Effi. % as per IS 8034/18	Falcon Max. Overall Effi. in%	More Result Compare to IS
				Pump Only	Pump Set With		LPM	320	290	260	230	195	170				
					UF Water Filled Motor	UF Oil Filled Motor	m³/h	19.2	17.4	15.6	13.8	11.4	9.6				
							ISI	2.5	3.0	3.5	4.0	4.5	5.0				
58	3.00	6	2.50	5,020	22,790	19,250	-	15	18	21	24	27	30	29.57	32.00	22%	

Three Phase

59	3.00	6	2.50	5,020	22,790	19,250	-	15	18	21	24	27	30	34.65	34.00	10%
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V-4UF PUMP DATA

MODEL	Length In mm
UF-33	68
UF-25	48
UF-20	41
UF-16	34
UF-13	30
UF-10	28
UF-10 DC	28
UF-08 DC	26
UF-06 DC	24
Middle	36



UF Series Bowlset

V-4 UF NEMA Motor (Aluminium Rotor) Single & Three Phase

H.P.	UF-STD Water Filled	UF Oil Filled
0.75	10,290	8,950
1.00	11,560	9,490
1.50	13,700	10,560
2.00	15,870	11,820
3.00	17,770	14,230

V-4 DF-40 (CI BOWL) Pump With V-4 Premium Motor (96mm Ø)



Cast Iron Bowl and Delrin Impeller Mixed Flow Pump, Sand/Mud Proof NEMA Std. Pumpset With CED Coated Cast Iron Parts, Copper Rotor Covered with S.S.Cap, Suitable for 4” and above Dia. Borewell, 50Hz-230 Volt, in I-Phase & 415 Volt. in III-Phase

Model : DF-40 Outlet : 2.5” (65mm) Three Phase

Sr. No.	H.P.	Stg.	Price ₹				Discharge in LPM & m ³ /h in Operating Head Range In Metre							Falcon Max. Overall Effi. in %
			Pump Only	Pump Set With			LPM	390	355	335	300	280	220	
				Premium Motor	STD-DLX Motor	Oil Filled Motor	m ³ /h	23.40	21.30	20.10	18.00	16.80	13.20	
1	2.00	5	7,570	29,440	26,140	21,630	-	13	15	18	20	23	25	40.00
1	3.00	7	9,600	37,770	31,650	27,300	-	20	24	28	32	36	40	41.00
2	5.00	10	12,750	47,550	-	34,760	-	25	30	35	40	45	50	41.50
2	5.00	12	14,740	49,540	-	36,750	-	30	36	42	48	54	60	42.00

Single Phase

5	2.00	5	7,570	29,440	26,140	21,630	-	13	15	18	20	23	25	38.00
6	3.00	7	9,600	37,770	31,650	27,300	-	20	24	28	32	36	40	39.00
6	5.00	10	12,750	47,550	-	34,760	-	25	30	35	40	45	50	39.00
7	5.00	12	14,740	49,540	-	36,750	-	30	36	42	48	54	60	41.00

V-4 DF-40 PUMP	
MODEL	Length
DF-40	83



DF-40 CI Series Bowlset

V-4 NEMA Motor Price - Single & Three Phase			
H.P.	Copper Rotor	Alu. Rotor	Alu. Rotor
	Premium	Std-Dlx	Oil Filled
2.00	21,870	18,570	14,060
3.00	28,170	22,050	17,700
5.00	34,800	0	22,010
Extra Charge of S.S. Parts Instead of C.I. Parts (Premium Motor)			
SS Housing & Base of V4-Prm NEMA Motor : 3,800			

V-4 DF Submersible Pumpset (96mm Ø)



Pure Virgin Noryl Bowl with SS Ring & Delrin Impeller with I.C. SS-304 Suction and Outlet, Energy Efficient DF NEMA Standard Pump. 50Hz-220 Volt. in Single Phase and 380 Volt. Three Phase, Suitable for 4.0” and above Dia. Borewell.

Model : DF-05

Single Phase

Sr. No.	H.P.	Stg.	Outlet in Inch	Price ₹				Discharge in LPM & m³/h in Operating Head Range In Metre							Over all Effi. % as per IS 8034/18	Falcon Max. Overall Effi. in%	More Result Compare to IS
				Pump Only	Pump Set With			LPM	35	30	25	20	16	10			
					Premium Motor	STD-DLX Motor	Oil Filled Motor	m/h	2.1	1.8	1.5	1.2	1.0	0.6			
								ISI	3.0	4.0	4.5	5.0	5.5	6.0			
1	0.50	11	1.0	4,740	-	15860	13,570	-	33	44	50	55	61	66	19.78	25.00	52%
2	0.75	15	1.0	6,180	-	18,070	15,540	-	45	60	68	75	83	90	20.70	26.00	55%
3	1.00	20	1.25	7,430	21,790	20570	17,510	-	60	80	90	100	110	120	23.00	27.00	48%
4	1.50	28	1.25	9,700	28,560	25,950	21,850	-	84	112	126	140	154	168	24.38	29.00	44%
5	2.00	36	1.25	11,380	33,250	29950	25,440	-	108	144	162	180	198	216	25.76	30.00	40%
6	3.00	52	1.25	16,880	45,050	38,930	34,580	-	156	208	234	260	286	312	28.52	33.00	30%

Three Phase

7	1.00	20	1.25	7,430	21,790	20570	17,510	-	60	80	90	100	110	120	25.30	29.00	42%
8	1.50	28	1.25	9,700	28,560	25,950	21,850	-	84	112	126	140	154	168	26.68	31.00	39%
9	2.00	36	1.25	11,380	33,250	29950	25,440	-	108	144	162	180	198	216	27.60	32.00	38%
10	3.00	52	1.25	16,880	45,050	38,930	34,580	-	156	208	234	260	286	312	30.36	33.00	28%

Model : DF-06

Single Phase

Sr. No.	H.P.	Stg.	Outlet in Inch	Price ₹				Discharge in LPM & m³/h in Operating Head Range In Metre							Over all Effi. % as per IS 8034/18	Falcon Max. Overall Effi. in%	More Result Compare to IS
				Pump Only	Pump Set With			LPM	50	45	40	35	30	25			
					Premium Motor	STD-DLX Motor	Oil Filled Motor	m³/h	3.0	2.7	2.4	2.1	1.8	1.5			
								ISI	3.0	4.0	4.5	5.0	5.5	6.0			
11	0.50	9	1.00	4,330	-	15450	13,160	-	27	36	41	45	50	54	19.78	26.00	52%
12	0.75	12	1.00	4,940	-	16,830	14,300	-	36	48	54	60	66	72	20.70	27.00	55%
13	1.00	16	1.00	6,320	20,680	19460	16,400	-	48	64	72	80	88	96	23.00	29.00	48%
14	1.50	22	1.25	7,820	26,680	24,070	19,970	-	66	88	99	110	121	132	23.50	32.00	36%
15	1.50	24	1.25	8,210	27,070	24460	20,360	-	72	96	108	120	132	144	24.38	32.00	44%
16	2.00	30	1.25	10,080	31,950	28,650	24,140	-	90	120	135	150	165	180	25.76	33.00	40%
17	3.00	44	1.25	15,350	43,520	37400	33,050	-	132	176	198	220	242	264	28.52	36.00	30%

Three Phase

18	1.00	16	1.00	6,320	20,680	19,460	16,400	-	48	64	72	80	88	96	25.30	30.00	42%
19	1.50	22	1.25	7,820	26,680	24070	19,970	-	66	88	99	110	121	132	25.80	36.00	40%
20	1.50	24	1.25	8,210	27,070	24,460	20,360	-	72	96	108	120	132	144	26.68	36.00	39%
21	2.00	30	1.25	10,080	31,950	28650	24,140	-	90	120	135	150	165	180	27.60	37.00	38%
22	3.00	44	1.25	15,350	43,520	37,400	33,050	-	132	176	198	220	242	264	30.36	38.00	28%

Model : DF-08

Single Phase

Sr. No.	H.P.	Stg.	Outlet in Inch	Price ₹				Discharge in LPM & m/h in Operating Head Range In Metre							Over all Effi. % as per IS 8034/18	Falcon Max. Overall Effi. in%	More Result Compare to IS
				Pump Only	Pump Set With			LPM	65	55	50	45	40	35			
					Premium Motor	STD-DLX Motor	Oil Filled Motor	m/h	3.9	3.3	3.0	2.7	2.4	2.1			
								ISI	3.0	4.0	4.5	5.0	5.5	6.0			
23	0.50	7	1.00	3,990	-	15110	12,820	-	21	28	32	35	39	42	21.07	27.00	47%
24	0.75	10	1.00	4,630	-	16,520	13,990	-	30	40	45	50	55	60	22.05	28.00	49%
25	1.00	13	1.00	5,230	19,590	18370	15,310	-	39	52	59	65	72	78	24.50	30.00	43%
26	1.50	18	1.25	7,180	26,040	23,430	19,330	-	54	72	81	90	99	108	25.97	33.00	38%
27	2.00	24	1.25	8,470	30,340	27040	22,530	-	72	96	108	120	132	144	27.44	34.00	34%
28	3.00	34	1.25	11,220	39,390	33,270	28,920	-	102	136	153	170	187	204	30.38	37.00	24%

Three Phase

29	1.00	13	1.00	5,230	19,590	18370	15,310	-	39	52	59	65	72	78	25.85	31.00	43%
30	1.50	18	1.25	7,180	26,040	23,430	19,330	-	54	72	81	90	99	108	27.26	35.00	39%
31	2.00	24	1.25	8,470	30,340	27040	22,530	-	72	96	108	120	132	144	28.20	39.00	35%
32	3.00	34	1.25	11,220	39,390	33,270	28,920	-	102	136	153	170	187	204	31.02	40.00	26%
33	5.00	55	1.25	18,750	53,550	-	40,760	-	165	220	248	275	303	330	31.96	41.00	25%
34	6.00	65	1.25	22,100	59,890	-	-	-	195	260	293	325	358	390	32.30	42.00	30%

V-4 DF Submersible Pumpset (96mm Ø)



Pure Virgin Noryl Bowl with SS Ring & Delrin Impeller with I.C. SS-304 Suction and Outlet, Energy Efficient DF NEMA Standard Pump.
50Hz-220 Volt. in Single Phase and 380 Volt. Three Phase, Suitable for 4.0” and above Dia. Borewell.

Model : DF-10

Single Phase

Sr. No.	H.P.	Stg.	Outlet in Inch	Price ₹			Discharge in LPM & m³/h in Operating Head Range In Metre								Over all Effi. % as per IS 8034/18	Falcon Max. Overall Effi. in%	More Result Compare to IS
				Pump Only	Pump Set With			LPM	80	75	70	65	55	50			
					Premium Motor	STD-DLX Motor	Oil Filled Motor	m³/h	4.8	4.5	4.2	3.9	3.3	3.0			
								ISI	3.0	4.0	4.5	5.0	5.5	6.0			
35	0.50	6	1.25	3,850	-	14970	12,680	-	18	24	27	30	33	36	21.50	28.00	48%
36	0.75	8	1.25	4,300	-	16,190	13,660	-	24	36	36	40	44	48	22.50	29.00	51%
37	1.00	10	1.25	4,710	19,070	17850	14,790	-	30	40	45	50	55	60	25.00	32.00	52%
38	1.50	14	1.25	6,210	25,070	22,460	18,360	-	42	56	63	70	77	84	26.50	34.00	47%
39	2.00	18	1.25	7,400	29,270	25970	21,460	-	54	72	81	90	99	108	28.00	36.00	41%
40	3.00	27	1.25	10,020	38,190	32,070	27,720	-	81	108	122	135	149	162	31.00	39.00	29%
41	5.00	45	1.50	16,630	51,430	-	38,640	-	135	180	203	225	248	270	31.80	40.00	27%

Three Phase

42	1.00	10	1.25	4,710	19,070	17,850	14,790	-	30	40	45	50	55	60	26.95	34.00	45%
43	1.50	14	1.25	6,210	25,070	22,460	18,360	-	42	56	63	70	77	84	28.42	39.00	41%
44	2.00	18	1.25	7,400	29,270	25,970	21,460	-	54	72	81	90	99	108	29.40	40.00	38%
45	3.00	27	1.25	10,020	38,190	32,070	27,720	-	81	108	122	135	149	162	32.34	42.00	27%
46	5.00	45	1.50	16,630	51,430	-	38,640	-	135	180	203	225	248	270	33.32	43.00	26%
47	6.00	55	1.50	19,420	57,210	-	-	-	165	220	248	275	303	330	33.32	44.00	28%

Model : DF-13

Single Phase

Sr. No.	H.P.	Stg.	Outlet in Inch	Price ₹			Discharge in LPM & m³/h in Operating Head Range In Metre								Over all Effi. % as per IS 8034/18	Falcon Max. Overall Effi. in%	More Result Compare to IS
				Pump Only	Pump Set With			LPM	115	105	95	85	75	60			
					Premium Motor	STD-DLX Motor	Oil Filled Motor	m³/h	6.9	6.3	5.7	5.1	4.5	3.6			
								ISI	3.0	4.0	4.5	5.0	5.5	6.0			
48	1.00	8	1.50	4,360	18,720	17500	14,440	-	24	32	36	40	44	48	26.00	33.00	50%
49	1.50	12	1.50	5,270	24,130	21,520	17,420	-	36	48	54	60	66	72	27.56	35.00	45%
50	2.00	15	1.50	6,600	28,470	25170	20,660	-	45	60	68	75	83	90	29.12	37.00	41%
51	3.00	22	1.50	8,500	36,670	30,550	26,200	-	66	88	99	110	121	132	32.24	40.00	30%
52	5.00	35	1.50	12,220	47,020	-	34,230	-	105	140	158	175	193	210	32.75	41.00	31%

Three Phase

53	1.00	8	1.50	4,360	18,720	17,500	14,440	-	24	32	36	40	44	48	28.60	35.00	43%
54	1.50	12	1.50	5,270	24,130	21520	17,420	-	36	48	54	60	66	72	30.16	40.00	39%
55	2.00	15	1.50	6,600	28,470	25,170	20,660	-	45	60	68	75	83	90	31.20	42.00	38%
56	3.00	22	1.50	8,500	36,670	30550	26,200	-	66	88	99	110	121	132	34.32	43.00	28%
57	5.00	35	1.50	12,220	47,020	-	34,230	-	105	140	158	175	193	210	35.36	44.00	26%
58	6.00	42	1.50	16,640	54,430	-	-	-	126	168	189	210	231	252	35.36	45.00	26%

Model : DF-16

Single Phase

Sr. No.	H.P.	Stg.	Outlet in Inch	Price ₹			Discharge in LPM & m³/h in Operating Head Range In Metre								Over all Effi. % as per IS 8034/18	Falcon Max. Overall Effi. in%	More Result Compare to IS
				Pump Only	Pump Set With			LPM	145	125	115	105	95	70			
					Premium Motor	STD-DLX Motor	Oil Filled Motor	m³/h	8.7	7.5	6.9	6.3	5.7	4.2			
								ISI	3.0	4.0	4.5	5.0	5.5	6.0			
59	1.00	6	1.50	4,030	18,390	17170	14,110	-	18	24	27	30	33	36	26.50	34.00	51%
60	1.50	9	1.50	4,770	23,630	21,020	16,920	-	27	36	41	45	50	54	28.09	36.00	46%
61	2.00	12	1.50	5,530	27,400	24100	19,590	-	36	48	54	60	66	72	29.68	38.00	42%
62	3.00	18	1.50	7,920	36,090	29,970	25,620	-	54	72	81	90	99	108	32.86	41.00	31%
63	5.00	28	1.50	11,140	45,940	-	33,150	-	84	112	126	140	154	168	33.55	42.00	30%

Three Phase

64	1.00	6	1.50	4,030	18,390	17,170	14,110	-	18	24	27	30	33	36	29.15	37.00	44%
65	1.50	9	1.50	4,770	23,630	21020	16,920	-	27	36	41	45	50	54	30.74	41.00	40%
66	2.00	12	1.50	5,530	27,400	24,100	19,590	-	36	48	54	60	66	72	31.80	43.00	38%
67	3.00	18	1.50	7,920	36,090	29970	25,620	-	54	72	81	90	99	108	34.98	44.00	29%
68	5.00	28	1.50	11,140	45,940	-	33,150	-	84	112	126	140	154	168	36.04	45.00	26%
69	6.00	35	1.50	12,960	50,750	-	-	-	105	140	158	175	193	210	36.04	46.00	26%

V-4 DF Submersible Pumpset (96mm Ø)

A MACHINE FOR HANKING

Pure Virgin Noryl Bowl with SS Ring & Delrin Impeller with I.C. SS-304 Suction and Outlet, Energy Efficient DF NEMA Standard Pump.
50Hz-220 Volt. in Single Phase and 380 Volt. Three Phase, Suitable for 4.0” and above Dia. Borewell.

Model : DF-20

Single Phase

Sr. No.	H.P.	Stg.	Outlet in Inch	Price ₹				Discharge in LPM & m/h in Operating Head Range In							Over all Effi. % as per IS 8034/18	Falcon Max. Overall Effi. in%	More Result Compare to IS
				Pump Only	Pump Set With			LPM	190	170	160	145	120	100			
					Premium Motor	STD-DLX Motor	Oil Filled Motor	m/h	11.4	10.2	9.6	8.7	7.2	6.0			
								ISI	3.0	4.0	4.5	5.0	5.5	6.0			
70	1.00	5	2.00	3,940	18,300	17080	14,020	-	15	20	23	25	28	30	27.50	35.00	49%
71	1.50	8	2.00	4,780	23,640	21,030	16,930	-	24	32	36	40	44	48	29.15	37.00	44%
72	2.00	10	2.00	5,360	27,230	23930	19,420	-	30	40	45	50	55	60	30.80	38.00	40%
73	3.00	15	2.00	7,390	35,560	29,440	25,090	-	45	60	68	75	83	90	34.10	42.00	29%
74	5.00	23	2.00	10,010	44,810	-	32,020	-	69	92	104	115	127	138	34.80	43.00	29%

Three Phase

75	1.00	5	2.00	3,940	18,300	17080	14,020	-	15	20	23	25	28	30	30.25	38.00	42%
76	1.50	8	2.00	4,780	23,640	21030	16,930	-	24	32	36	40	44	48	31.90	42.00	38%
77	2.00	10	2.00	5,360	27,230	23,930	19,420	-	30	40	45	50	55	60	33.00	44.00	36%
78	3.00	15	2.00	7,390	35,560	29440	25,090	-	45	60	68	75	83	90	36.30	44.50	27%
79	5.00	23	2.00	10,010	44,810	-	32,020	-	69	92	104	115	127	138	37.40	45.50	26%
80	6.00	28	2.00	12,130	49,920	-	-	-	84	112	126	140	154	168	37.40	46.50	26%

Model : DF-25

Single Phase

Sr. No.	H.P.	Stg.	Outlet in Inch	Price ₹				Discharge in LPM & m/h in Operating Head Range In							Over all Effi. % as per IS 8034/18	Falcon Max. Overall Effi. in%	More Result Compare to IS
								Metre									
				Pump Only	Pump Set With			LPM	250	230	215	200	185	170			
					Premium Motor	STD-DLX Motor	Oil Filled Motor	m/h	15.0	13.8	12.9	12.0	11.1	10.2			
								ISI	2.5	3.0	3.5	4.0	4.5	5.0			
81	1.00	4	2.00	3,780	18,140	16920	13,860	-	10	12	14	16	18	20	28.50	36.00	46%
82	1.50	6	2.00	4,390	23,250	20,640	16,540	-	15	18	21	24	27	30	30.21	38.00	41%
83	2.00	8	2.00	5,020	26,890	23590	19,080	-	20	24	28	32	36	40	31.92	39.00	36%
84	3.00	12	2.00	6,870	35,040	28,920	24,570	-	30	36	42	48	54	60	35.34	43.00	26%
85	5.00	18	2.00	9,080	43,880	-	31,090	-	45	54	63	72	81	90	36.00	44.00	25%

Three Phase

86	1.00	4	2.00	3,780	18,140	16,920	13,860	-	10	12	14	16	18	20	31.35	39.00	39%
87	1.50	6	2.00	4,390	23,250	20640	16,540	-	90	83	76	72	63	56	33.06	43.00	35%
88	2.00	8	2.00	5,020	26,890	23,590	19,080	-	20	24	28	32	36	40	34.20	44.50	33%
89	3.00	12	2.00	6,870	35,040	28920	24,570	-	30	36	42	48	54	60	37.62	45.00	24%
90	5.00	18	2.00	9,080	43,880	-	31,090	-	45	54	63	72	81	90	38.76	46.00	20%
91	6.00	22	2.00	11,020	48,810	-	-	-	55	66	77	88	99	110	38.76	47.00	20%

Model : DF-33

Single Phase

Sr. No.	H.P.	Stg.	Outlet in Inch	Price ₹				Discharge in LPM & m³/h in Operating Head Range In								Over all Effi. % as per IS 8034/18	Falcon Max. Overall Effi. in%	More Result Compare to IS
				Pump Only	Pump Set With			Metre										
					Premium Motor	STD-DLX Motor	Oil Filled Motor	LPM	320	290	260	230	190	160				
								m³/h	19.2	17.4	15.6	13.8	11.4	9.6				
								ISI	2.5	3.0	3.5	4.0	4.5	5.0				
92	2.00	6	2.50	5,600	27,470	24170	19,660	-	15	18	21	24	27	30	33.04	40.00	21%	
93	3.00	9	2.50	7,130	35,300	29,180	24,830	-	23	27	32	36	41	45	36.58	44.00	12%	
94	5.00	12	2.50	9,230	44,030	-	31,240	-	30	36	42	48	54	60	37.00	44.50	14%	
95	5.00	14	2.50	10,220	45,020	-	32,230	-	35	42	49	56	63	70	37.00	44.50	14%	

Three Phase

96	2.00	6	2.50	5,600	27,470	24,170	19,660	-	15	18	21	24	27	30	35.40	41.00	19%
97	3.00	9	2.50	7,130	35,300	29180	24,830	-	23	27	32	36	41	45	38.94	44.50	10%
98	5.00	12	2.50	9,230	44,030	-	31,240	-	30	36	42	48	54	60	40.12	44.50	10%
99	5.00	14	2.50	10,220	45,020	-	32,230	-	35	42	49	56	63	70	37.00	45.00	14%
100	6.00	16	2.50	11,930	49,720	-	-	-	40	48	56	64	72	80	40.12	46.00	10%

V-4 DF Jacket Type Submersible Pumpset (96mm Ø)



European Technology Energy Efficient NEMA Standard Pumpset, 50Hz - 220 Volt, in Single Phase. and 380 Volt. Three Phase
Noryl Bowl & Delrin Impeller with SS -304 Suction & Outlet DF Sand Proof Pump Suitable for 4.0” and above Dia. Borewell.

Model : DF-08-JKT

Single Phase

Sr. No.	H.P.	Stg.	Outlet in Inch	Price ₹			Discharge in LPM & m³/h in Operating Head Range In Metre						Over all Effi. % as per IS 8034/18	Falcon Max. Overall Effi. in%	More Result Compare to IS		
				Pump Only	Pump Set With			LPM	65	55	50	45				40	35
					Premium Motor	STD-DLX Motor	Oil Filled Motor	m³/h	3.9	3.3	3.0	2.7				2.4	2.1
								ISI	3.0	4.0	4.5	5.0				5.5	6.0

1	3.00	34	1.25	14,460	42,630	36510	32,160	-	102	136	153	170	187	204	30.38	37.00	24%
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Three Phase

2	3.00	34	1.25	14,460	42,630	36,510	32,160	-	102	136	153	170	187	204	31.02	40.00	29%
3	5.00	55	1.25	21,750	56,550	-	43,760	-	165	220	248	275	303	330	31.96	41.00	25%
4	6.00	65	1.25	25,750	63,540	-	-	-	195	260	293	325	358	390	32.50	42.00	29%

Model : DF-10-JKT

Single Phase

Sr. No.	H.P.	Stg.	Outlet in Inch	Price ₹			Discharge in LPM & m/h in Operating Head Range In Metre							Over all Effi. % as per IS 8034/18	Falcon Max. Overall Effi. in%	More Result Compare to IS	
				Pump Only	Pump Set With			LPM	80	75	70	65	55				50
					Premium Motor	STD-DLX Motor	Oil Filled Motor	m/h	4.8	4.5	4.2	3.9	3.3				3.0
					ISI	3.0	4.0	4.5	5.0	5.5	6.0						

5	3.00	27	1.25	12,580	40,750	34630	30,280	-	81	108	122	135	149	162	31.00	39.00	29%
6	5.00	45	1.50	19,090	53,890	-	41,100	-	135	180	203	225	248	270	31.80	40.00	27%

Three Phase

7	3.00	27	1.25	12,580	40,750	34630	30,280	-	81	108	122	135	149	162	32.34	42.00	27%
8	5.00	45	1.50	19,090	53,890	-	41,100	-	135	180	203	225	248	270	33.32	43.00	26%
9	6.00	55	1.50	22,460	60,250	-	-	-	165	220	248	275	303	330	33.32	44.00	28%

Model : DF-13-JKT

Single Phase

Sr. No.	H.P.	Stg.	Outlet in Inch	Price ₹			Discharge in LPM & m/h in Operating Head Range In Metre						Over all Effi. % as per IS 8034/18	Falcon Max. Overall Effi. in%	More Result Compare to IS		
				Pump Only	Pump Set With			LPM m/h	115 6.9	105 6.3	95 5.7	85 5.1				75 4.5	60 3.6
				Premium Motor	STD-DLX Motor	Oil Filled Motor	ISI	3.0	4.0	4.5	5.0	5.5	6.0				

10	3.00	22	1.50	10,570	38,740	32620	28,270	-	66	88	99	110	121	132	32.24	40.00	30%
11	5.00	35	1.50	15,640	50,440	-	37,650	-	105	140	158	175	193	210	32.75	41.00	31%

Three Phase

12	3.00	22	1.50	10,570	38,740	32620	28,270	-	66	88	99	110	121	132	34.32	43.00	28%
13	5.00	35	1.50	15,640	50,440	-	37,650	-	105	140	158	175	193	210	35.36	44.00	26%
14	6.00	42	1.50	18,810	56,600	-	-	-	126	168	189	210	231	252	35.36	45.00	26%

Model : DF-16-JKT

Single Phase

Sr. No.	H.P.	Stg.	Outlet in Inch	Price ₹			Discharge in LPM & m/h in Operating Head Range In Metre							Over all Effi. % as per IS 8034/18	Falcon Max. Overall Effi. in%	More Result Compare to IS	
				Pump Only	Pump Set With			LPM	145	125	115	105	95				70
					Premium Motor	STD-DLX Motor	Oil Filled Motor	m/h	8.7	7.5	6.9	6.3	5.7				4.2
								ISI	3.0	4.0	4.5	5.0	5.5				6.0

15	3.00	18	1.5	9,760	37,930	31,810	27,460	-	54	72	81	90	99	108	32.86	41.00	31%
16	5.00	28	1.5	14,110	48,910	-	36,120	-	84	112	126	140	154	168	33.55	42.00	30%

Three Phase

17	3.00	18	1.5	9,760	37,930	31,810	27,460	-	54	72	81	90	99	108	34.98	44.00	29%
18	5.00	28	1.5	14,110	48,910	-	36,120	-	84	112	126	140	154	168	36.04	45.00	26%
19	6.00	35	1.5	16,750	54,540	-	-	-	105	140	158	175	193	210	36.04	46.00	26%

V-4 DF Jacket Type Submersible Pumpset (96mm Ø)



European Technology Energy Efficient NEMA Standard Pumpset, 50Hz - 220 Volt, in Single Phase. and 380 Volt. Three Phase
Noryl Bowl & Delrin Impeller with SS -304 Suction & Outlet DF Sand Proof Pump Suitable for 4.0" and above Dia. Borewell.

Model : DF-20-JKT

Single Phase

Sr. No.	H.P.	Stg.	Outlet in Inch	Price ₹				Discharge in LPM & m/h in Operating Head Range In Metre							Over all Effi. % as per IS 8034/18	Falcon Max. Overall Effi. in%	More Result Compare to IS
				Pump Only	Pump Set With			LPM	190	170	160	145	120	100			
					Premium Motor	STD-DLX Motor	Oil Filled Motor	m/h	11.4	10.2	9.6	8.7	7.2	6.0			
								ISI	3.0	4.0	4.5	5.0	5.5	6.0			
21	3.00	15	2.00	10,140	38,310	32190	27,840	-	45	60	68	75	83	90	34.10	42.00	29%
22	5.00	23	2.00	13,850	48,650	-	35,860	-	69	92	104	115	127	138	34.80	43.00	29%

Three Phase

23	3.00	15	2.00	10,140	38,310	32190	27,840	-	45	60	68	75	83	90	36.30	44.50	27%
24	5.00	23	2.00	13,850	48,650	-	35,860	-	69	92	104	115	127	138	37.40	45.50	26%
25	6.00	28	2.00	16,970	54,760	-	-	-	84	112	126	140	154	168	37.40	46.50	26%

Model : DF-25-JKT

Single Phase

Sr. No.	H.P.	Stg.	Outlet in Inch	Price ₹				Discharge in LPM & m/h in Operating Head Range In Metre							Over all Effi. % as per IS 8034/18	Falcon Max. Overall Effi. in%	More Result Compare to IS
				Pump Only	Pump Set With			LPM	250	230	215	200	185	170			
					Premium Motor	STD-DLX Motor	Oil Filled Motor	m/h	15.0	13.8	12.9	12.0	11.1	10.2			
								ISI	2.5	3.0	3.5	4.0	4.5	5.0			
26	3.00	12	2.00	8,790	36,960	30,840	26,490	-	30	36	42	48	54	60	35.34	43.00	26%
27	5.00	18	2.00	11,580	46,380	-	33,590	-	45	54	63	72	81	90	36.00	44.00	25%

Three Phase

28	3.00	12	2.00	8,790	36,960	30,840	26,490	-	30	36	42	48	54	60	37.62	45.00	24%
29	5.00	18	2.00	11,580	46,380	-	33,590	-	45	54	63	72	81	90	38.76	46.00	20%
30	6.00	22	2.00	14,220	52,010	-	-	-	55	66	77	88	99	110	38.76	47.00	20%

V-4 DF NEMA PUMP DATA	
MODEL	Length In mm
DF-33	68
DF-25	48
DF-20	41
DF-16	34
DF-13	30
DF-10	28
DF-08	26
DF-06	24
DF-05	24
Middle	36

V-4 NEMA Motor Price - Single & Three Phase			
H.P.	Cop. Rotor	Alu. Rotor	Alu. Rotor
	Premium Water Filled	Std-Dlx Water Filled	Oil Filled
0.50	-	11,120	8,830
0.75	-	11,890	9,360
1.00	14,360	13,140	10,080
1.50	18,860	16,250	12,150
2.00	21,870	18,570	14,060
3.00	28,170	22,050	17,700
5.00	34,800	-	22,010
6.00	37,790	-	-
7.50	-	-	27,730
Extra Charge of S.S. Parts Instead of C.I. Parts (Premium Motor)			
SS Housing & Base of V4-Prm NEMA Motor : 3,800			



DF Series Bowlset



V-4 DF Premium Pump With V-5 Premium Motor Pumpset (Janta)



Noryl Vergin Bowl & Delrin Impeller with I.C. SS-304 Suction and Outlet Energy Efficent DF NEMA Standard Pump.

50Hz-380 Volt. Three Phase, Suitable for 5.0” and above Dia. Borewell.

Model : DF-25

Sr. No.	H.P.	Stg.	Outlet in Inch	Price ₹		Discharge in LPM & m ³ /h in Operating Head Range In Metre						Over all Effi. % as per IS 8034/18	Falcon Max. Overall Effi. in%	More Result Compare to IS	Achieved Star as Per BEE Calcu.	
				Pump Only	Pump Set	LPM	250	230	215	200	185					170
						m/h	15.0	13.8	12.9	12.0	11.1					10.2
							2.5	3.0	3.5	4.0	4.5					5.0
1	05.0	18	2.0	9,080	42,650	Head in Metre	45	54	63	72	81	90	35.20	46.00	31%	4
2	06.5	24	2.0	11,620	50,330		60	72	84	96	108	120	36.85	47.00	26%	3
3	07.5	28	2.0	12,950	55,720		70	84	98	112	126	140	37.40	48.00	25%	3
4	10.0	37	2.0	16,350	67,020		93	111	130	148	167	185	37.40	49.00	25%	3

Model : DF-20

Sr. No.	H.P.	Stg.	Outlet in Inch	Price ₹		Discharge in LPM & m/h in Operating Head Range In Metre						Over all Effi. % as per IS 8034/18	Falcon Max. Overall Effi. in%	More Result Compare to IS	Achieved Star as Per BEE Calcu.	
				Pump Only	Pump Set	LPM	190	170	160	145	120					100
						m/h	11.4	10.2	9.6	8.7	7.2					6.0
							3.0	4.0	4.5	5.0	5.5					6.0
5	05.0	23	2.0	10,010	43,580	Head in Metre	69	92	104	115	127	138	33.92	45.50	31%	4
6	06.5	30	2.0	12,680	51,390		90	120	135	150	165	180	35.51	46.50	27%	3
7	07.5	35	2.0	14,190	56,960		105	140	158	175	193	210	36.04	47.50	27%	3
8	10.0	46	2.0	16,530	67,200		138	184	207	230	253	276	36.04	48.50	27%	3

Model : DF-16

Sr. No.	H.P.	Stg.	Outlet in Inch	Price ₹		Discharge in LPM & m/h in Operating Head Range In Metre						Over all Effi. % as per IS 8034/18	Falcon Max. Overall Effi. in%	More Result Compare to IS	Achieved Star as Per BEE Calcu.	
				Pump Only	Pump Set	LPM	145	125	115	105	95					70
						m/h	8.7	7.5	6.9	6.3	5.7					4.2
							3.0	4.0	4.5	5.0	5.5	6.0				
9	05.0	28	1.5	11,140	44,710	Head in Metre	84	112	126	140	154	168	33.28	45.00	32%	4
10	06.5	37	1.5	13,450	52,160		111	148	167	185	204	222	34.84	46.00	29%	3
11	07.5	44	1.5	18,510	61,280		132	176	198	220	242	264	35.36	47.00	30%	4
12	10.0	57	1.5	23,170	73,840		171	228	257	285	314	342	35.36	48.00	30%	4

Model : DF-13

Sr. No.	H.P.	Stg.	Outlet in Inch	Price ₹		Discharge in LPM & m/h in Operating Head Range In Metre						Over all Effi. % as per IS 8034/18	Falcon Max. Overall Effi. in%	More Result Compare to IS	Achieved Star as Per BEE Calcu.	
				Pump Only	Pump Set	LPM	115	105	95	85	75					60
						m/h	6.9	6.3	5.7	5.1	4.5					3.6
							3.0	4.0	4.5	5.0	5.5					6.0
13	05.0	35	1.5	12,220	45,790	Head in Metre	105	140	158	174	193	210	32.00	44.00	28%	3
14	06.5	45	1.5	17,480	56,190		135	180	203	225	248	270	33.50	45.00	25%	3
15	07.5	50	1.5	19,050	61,820		150	200	225	250	275	300	34.00	46.00	26%	3
16	10.0	70	1.5	25,330	76,000		210	280	315	350	385	420	35.36	47.00	30%	4

Model : DF-10

Sr. No.	H.P.	Stg.	Outlet in Inch	Price ₹		Discharge in LPM & m/h in Operating Head Range In Metre							Over all Effi. % as per IS 8034/18	Falcon Max. Overall Effi. in %	More Result Compare to IS	Achieved Star as Per BEE Calcu.
				Pump Only	Pump Set	LPM	80	75	70	65	55	50				
						m/h	4.8	4.5	4.2	3.9	3.3	3.0				
							3.0	4.0	4.5	5.0	5.5	6.0				
17	05.0	45	1.5	16,630	50,200	Head in Metre	135	180	203	225	248	270	32.00	43.00	28%	3
18	06.5	58	1.5	20,210	58,920		174	232	261	290	319	348	33.50	44.00	25%	3
19	07.5	68	1.5	23,700	66,470		204	272	306	340	374	408	34.00	45.00	26%	3

Model : DF-08

Sr. No.	H.P.	Stg.	Outlet in Inch	Price ₹		Discharge in LPM & m/h in Operating Head Range In Metre						Over all Effi. % as per IS 8034/18	Falcon Max. Overall Effi. in%	More Result Compare to IS	Achieved Star as Per BEE Calcu.	
				Pump Only	Pump Set	LPM	65	55	50	45	40					35
						m/h	3.9	3.3	3.0	2.7	2.4					2.1
							3.0	4.0	4.5	5.0	5.5					6.0
20	05.0	55	1.5	18,750	52,320	Head in Metre	165	220	248	275	303	330	32.00	41.00	28%	3
21	06.5	70	1.5	23,380	62,090		210	280	315	350	385	420	33.50	42.00	25%	3
22	07.5	82	1.5	26,660	69,430		246	328	369	410	451	492	34.00	43.00	26%	3

V-4 DF Jacket Type Pump With V-5 Premium Motor (Janta)



Engineering Plastic Bowlset with S.S. Neck rings, Sand/Mud Proof Pumpset With CED Coated Cast Iron Parts

V4-DF Pump with SS-304 Outlet & Suction, 50Hz - 415 Volt. Three Phase

Model : DF-25-JKT

Sr. No.	H.P.	Stg.	Outlet in Inch	Price ₹		Discharge in LPM & m/h in Operating Head Range In Metre							Over all Effi. % as per IS 8034/18	Falcon Max. Overall Effi. in%	More Result Compare to IS	Achieved Star as Per BEE Calcu.
				Pump Only	Pump Set	LPM	250	230	215	200	185	170				
						m/h	15.0	13.8	12.9	12.0	11.1	10.2				
							2.5	3.0	3.5	4.0	4.5	5.0				
1	05.0	18	2.0	11,580	45,150	Head in Metre	45	54	63	72	81	90	35.20	46.00	31%	4
2	06.5	24	2.0	15,130	53,840		60	72	84	96	108	120	36.85	47.00	26%	3
3	07.5	28	2.0	17,250	60,020		70	84	98	112	126	140	37.40	48.00	25%	3
4	10.0	37	2.0	22,350	73,020		93	111	130	148	167	185	37.40	49.00	25%	3

Model : DF-20-JKT

Sr. No.	H.P.	Stg.	Outlet in Inch	Price ₹		Discharge in LPM & m/h in Operating Head Range In Metre							Over all Effi. % as per IS 8034/18	Falcon Max. Overall Effi. in%	More Result Compare to IS	Achieved Star as Per BEE Calcu.
				Pump Only	Pump Set	LPM	190	170	160	145	120	100				
						m/h	11.4	10.2	9.6	8.7	7.2	6.0				
							3.0	4.0	4.5	5.0	5.5	6.0				
5	05.0	23	2.0	13,850	47,420	Head in Metre	69	92	104	115	127	138	33.92	45.50	31%	4
6	06.5	30	2.0	17,880	56,590		90	120	135	150	165	180	35.51	46.50	27%	3
7	07.5	35	2.0	20,520	63,290		105	140	158	175	193	210	36.04	47.50	27%	3
8	10.0	46	2.0	26,580	77,250		138	184	207	230	253	276	36.04	48.50	27%	3

Model : DF-16-JKT

Sr. No.	H.P.	Stg.	Outlet in Inch	Price ₹		Discharge in LPM & m/h in Operating Head Range In Metre							Over all Effi. % as per IS 8034/18	Falcon Max. Overall Effi. in%	More Result Compare to IS	Achieved Star as Per BEE Calcu.
				Pump Only	Pump Set	LPM	145	125	115	105	95	70				
						m/h	8.7	7.5	6.9	6.3	5.7	4.2				
							3.0	4.0	4.5	5.0	5.5	6.0				
9	05.0	28	1.5	14,110	47,680	Head in Metre	84	112	126	140	154	168	33.28	45.00	32%	4
10	06.5	37	1.5	17,470	56,180		111	148	167	185	204	222	34.84	46.00	29%	3
11	07.5	44	1.5	21,060	63,830		132	176	198	220	242	264	35.36	47.00	30%	4
12	10.0	57	1.5	26,770	77,440		171	228	257	285	314	342	35.36	48.00	30%	4

Model : DF-13-JKT

Sr. No.	H.P.	Stg.	Outlet in Inch	Price ₹		Discharge in LPM & m/h in Operating Head Range In Metre							Over all Effi. % as per IS 8034/18	Falcon Max. Overall Effi. in%	More Result Compare to IS	Achieved Star as Per BEE Calcu.
				Pump Only	Pump Set	LPM	115	105	95	85	75	60				
						m/h	6.9	6.3	5.7	5.1	4.5	3.6				
							3.0	4.0	4.5	5.0	5.5	6.0				
13	05.0	35	1.5	15,640	49,210	Head in Metre	105	140	158	174	193	210	32.00	44.00	28%	3
14	06.5	45	1.5	19,800	58,510		135	180	203	225	248	270	33.50	45.00	25%	3
15	07.5	50	1.5	21,840	64,610		150	200	225	250	275	300	34.00	46.00	26%	3
16	10.0	70	1.5	29,560	80,230		210	280	315	350	385	420	35.36	47.00	30%	4

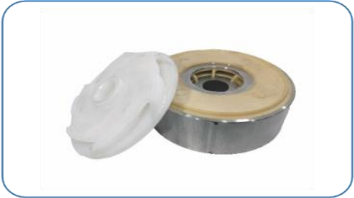
Model : DF-10-JKT

Sr. No.	H.P.	Stg.	Outlet in Inch	Price ₹		Discharge in LPM & m/h in Operating Head Range In Metre							Over all Effi. % as per IS 8034/18	Falcon Max. Overall Effi. in%	More Result Compare to IS	Achieved Star as Per BEE Calcu.
				Pump Only	Pump Set	LPM	80	75	70	65	55	50				
						m/h	4.8	4.5	4.2	3.9	3.3	3.0				
							3.0	4.0	4.5	5.0	5.5	6.0				
17	05.0	45	1.5	19,090	52,660	Head in Metre	135	180	203	225	248	270	32.00	43.00	28%	3
18	06.5	58	1.5	23,410	62,120		174	232	261	290	319	348	33.50	44.00	25%	3
19	07.5	68	1.5	27,800	70,570		204	272	306	340	374	408	34.00	45.00	26%	3

Model : DF-08-JKT

Sr. No.	H.P.	Stg.	Outlet in Inch	Price ₹		Discharge in LPM & m/h in Operating Head Range In Metre						Over all Effi. % as per IS 8034/18	Falcon Max. Overall Effi. in%	More Result Compare to IS	Achieved Star as Per BEE Calcu.	
				Pump Only	Pump Set	LPM	65	55	50	45	40					35
						m/h	3.9	3.3	3.0	2.7	2.4					2.1
							3.0	4.0	4.5	5.0	5.5					6.0
20	05.0	55	1.5	21,750	55,320	Head in Metre	165	220	248	275	303	330	32.00	41.00	28%	3
21	06.5	70	1.5	27,300	66,010		210	280	315	350	385	420	33.50	42.00	25%	3
22	07.5	82	1.5	31,570	74,340		246	328	369	410	451	492	34.00	43.00	26%	3

V-4 DF PUMP Data	
MODEL	Length In mm
DF-25	48
DF-20	41
DF-16	34
DF-13	30
DF-10	28
DF-08	26



DF Jacket Type Series Bowlset

V-5 Premium Three Phase Motor		
COPPER ROTOR	H.P.	Price ₹
	05.0	33,570
	06.5	38,710
	07.5	42,770
	10.0	50,670

Model : GH-50 Outlet : 2.0" (50mm) (16mm $\varnothing$ Pump Shaft) **Three Phase**

Single Phase

38.00	12%
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Three Phase

Single Phase

37.00	11%
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Three Phase

Single Phase

36.00	5%
-------	----

Three Phase

Single Phase

32.00	9%
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V-5 GH Pump With V-5 Premium Motor (115mm Ø)



Engineering Glass Filled Vergin Plastic Bowl Set With 4 -Nos. SS Neck ring , Sand proof Pumpset with CED Coated CI Parts
Suitable for 5" and above Dia. Borewell, 50Hz - 415 Volt. Three Phase and 230Volt. In Single Phase.

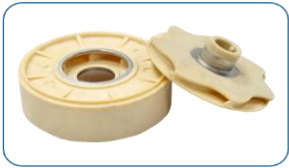
Model : GH-20 Outlet : 1.5” (40mm) (16mm ⌀ Pump Shaft) Three Phase

Sr. No.	H.P.	Stg.	Price ₹		Discharge in LPM & m/h in Operating Head Range In Metre							Over all Effi. % as per IS 8034/18	Falcon Max. Overall Effi. in%	More Result Compare to IS
			Pump Only	Pump Set	LPM	130	115	95	75	65	50			
					m/h	7.80	6.90	5.70	4.50	3.90	3.00			
					ISI	2.0	4.0	6.0	7.5	8.0	9.0			
25	03.0	15	9,380	36,300	-	30	60	90	113	120	135	28.14	29.50	5%
26	05.0	25	13,090	46,660	-	50	100	150	188	200	225	28.56	31.00	5%
27	06.5	30	15,540	54,250	-	60	120	180	225	240	270	29.40	33.00	4%
28	07.5	36	18,740	61,510	-	72	144	216	270	288	324	30.66	34.00	1%

Single Phase

29	05.0	25	13,090	48,690	-	50	100	150	188	200	225	26.46	28.00	4%
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V-5 GH Pump DATA	
MODEL	Length In mm
GH-50	40
GH-40	35
GH-32	32
GH-25	30
GH-20	28



GH Series Bowlset

V-5 Premium Three Phase Motor		
COPPER ROTOR	H.P.	Price ₹
	03.0	26,920
	05.0	33,570
	06.5	38,710
	07.5	42,770
	10.0	50,670
	12.5	57,070

V-5 Premium Single Phase Motor		
COPPER ROTOR	H.P.	Price ₹
	03.0	28,310
	05.0	35,600

V-5 GRS/GRSS Pump With V-5 Premium Motor



GRS : SS-304 grade (Non Magnetic) I.C Casting Bowls, Nylon -66 Impeller with CED Coated CI Motor Parts
GRSS : SS-304 grade (Non Magnetic) I.C Casting Bowls,SS-304 Fabricated Impeller with CED Coated CI Motor Patrs
Suitable for 5" and above Dia. Borewell, 50Hz - 415 Volt. Three Phase and 230Volt. In Single Phase.

Model : GRS/GRSS-50 Outlet : 2.0" (50mm) (16mm Pump Shaft) Three Phase

Sr. No.	H.P.	Stg.	Price ₹			Discharge in LPM & m³/h in Operating Head Range In Metre							Over all Effi. % as per IS 8034/18	Falcon Max. Overall Effi. in%	More Result Compare to IS	Achieved Star as Per BEE Calcu.
			Pump Only		Pumpset (V5 GRS)	LPM	240	220	180	160	130	100				
			GRS	GRSS		m³/h	14.40	13.20	10.80	9.60	7.80	6.00				
									ISI	4.0	6.0	8.0				
1	03.0	6	14,440	15,190	41,360	Total Head in Metre	24	36	48	54	60	66	34.17	44.00	29%	3
2	05.0	10	19,140	20,400	52,710		40	60	80	90	100	110	34.68	45.00	30%	4
3	06.5	12	23,290	24,820	62,000		48	72	96	108	120	132	35.70	45.50	27%	3
4	07.5	15	26,980	28,920	69,750		60	90	120	135	150	165	37.23	46.00	24%	3
5	10.0	20	34,380	36,960	85,050		80	120	160	180	200	220	37.74	46.50	23%	3
6	12.5	25	42,250	45,500	99,320		100	150	220	225	250	275	38.25	47.00	23%	3
Single Phase																
7	03.0	6	14,440	15,190	42,750	Total Head in Metre	24	36	48	54	60	66	29.58	41.50	40%	5
8	05.0	10	19,140	20,400	54,740		40	60	80	90	100	110	32.13	42.50	32%	4

Single Phase

Model : GRS/GRSS-40 Outlet : 2.0" (50mm) (16mm Pump Shaft) Three Phase

Sr. No.	H.P.	Stg.	Price ₹			Discharge in LPM & m³/h in Operating Head Range In Metre							Over all Effi. % as per IS 8034/18	Falcon Max. Overall Effi. in%	More Result Compare to IS	Achieved Star as Per BEE Calcu.
			Pump Only		Pumpset (V5 GRS)	LPM	200	180	150	135	120	75				
			GRS	GRSS		m³/h	12.00	10.80	9.00	8.10	7.20	4.50				
						ISI	4.0	6.0	8.0	9.0	10.0	11.0				
9	03.0	8	16,210	17,250	43,130	Total Head in Metre	32	48	64	72	80	88	34.17	41.50	24%	3
10	05.0	13	23,410	25,120	56,980		52	78	104	117	130	143	34.17	42.50	25%	3
11	06.5	16	26,890	29,010	65,600		64	96	128	144	160	176	34.68	43.00	23%	3
12	07.5	18	29,330	31,740	72,100		72	108	144	162	180	198	35.70	43.50	19%	2
13	10.0	24	37,500	40,730	88,170		96	144	192	216	240	264	37.23	44.50	20%	3
14	12.5	30	46,190	50,250	1,03,260		120	180	240	270	300	330	37.74	45.00	20%	3
Single Phase																
15	03.0	8	16,210	17,250	44,520	Total Head in Metre	32	48	64	72	80	88	29.00	39.00	34%	4
16	05.0	13	23,410	25,120	59,010		52	78	104	117	130	143	31.50	40.00	27%	3

Single Phase

Model : GRS/GRSS-32 Outlet : 1.5" (60mm) (16mm Pump Shaft) Three Phase

Sr. No.	H.P.	Stg.	Price ₹			Discharge in LPM & m³/h in Operating Head Range In Metre							Over all Effi. % as per IS 8034/18	Falcon Max. Overall Effi. in%	More Result Compare to IS	Achieved Star as Per BEE Calcu.
			Pump Only		Pumpset (V5 GRS)	LPM	155	130	115	100	70	55				
			GRS	GRSS		m³/h	9.30	7.80	6.90	6.00	4.20	3.30				
									ISI	4.0	6.0	8.0				
17	03.0	10	18,170	19,500	45,090	Total Head in Metre	40	60	80	90	100	110	31.49	39.00	24%	3
18	05.0	16	26,360	28,510	59,930		64	96	128	144	160	176	31.96	40.50	27%	3
19	06.5	20	32,450	35,160	71,160		80	120	160	180	200	220	32.90	41.00	25%	3
20	07.5	23	35,980	39,130	78,750		92	138	184	207	230	253	34.31	41.50	21%	3
21	10.0	30	45,240	49,340	95,910		120	180	240	270	380	330	34.78	42.00	21%	3
22	12.5	38	54,350	59,600	1,11,420		152	228	304	342	200	418	35.25	42.50	21%	3
Single Phase																
23	03.0	10	18,170	19,500	46,480	Total Head in Metre	40	60	80	90	100	110	27.26	36.00	32%	4
24	05.0	16	26,360	28,510	61,960		64	96	128	144	160	176	29.61	37.00	25%	3

Single Phase

V-5 GRS/GRSS Pump With V-5 Premium Motor



GRS : SS-304 grade (Non Magnetic) I.C Casting Bowls, Nylon -66 Impeller with CED Coated CI Motor Parts
GRSS : SS-304 grade (Non Magnetic) I.C Casting Bowls,SS-304 Fabricated Impeller with CED Coated CI Motor Patrs
Suitable for 5" and above Dia. Borewell, 50Hz - 415 Volt. Three Phase and 230Volt. In Single Phase.

Model : GRS/GRSS-25 Outlet : 1.5” (60mm) (16mm Pump Shaft) Three Phase

Sr. No.	H.P.	Stg.	Price ₹			Discharge in LPM & m³/h in Operating Head Range In Metre							Over all Effi. % as per IS 8034/18	Falcon Max. Overall Effi. in%	More Result Compare to IS	Achieved Star as Per BEE Calcu.
			Pump Only		Pumpset (V5 GRS)	LPM	115	100	85	75	60	50				
			GRS	GRSS		m³/h	6.90	6.00	5.10	4.50	3.60	3.00				
						ISI	4.0	6.0	8.0	9.0	10.0	11.0				
25	05.0	20	31,800	34,540	65,370	Total Head in Metre	80	120	160	180	200	220	30.60	37.00	24%	3
26	06.5	25	37,350	40,800	76,060		100	150	200	225	250	275	31.50	37.50	27%	2
27	07.5	28	42,560	46,460	85,330		112	168	224	252	280	308	32.85	38.00	25%	2
28	10.0	37	52,120	57,280	1,02,790		148	222	296	333	370	407	33.30	39.00	21%	2
Single Phase																
29	03.0	12	20,060	21,690	48,370	Total Head in Metre	48	72	96	108	120	132	26.10	33.00	20%	3
30	05.0	20	31,800	34,540	67,400		80	120	160	180	200	220	28.35	34.00	25%	3

Model : GRS/GRSS-20 Outlet : 1.5” (60mm) (16mm Pump Shaft) Three Phase

Sr. No.	H.P.	Stg.	Price ₹			Discharge in LPM & m³/h in Operating Head Range In Metre						Over all Effi. % as per IS 8034/18	Falcon Max. Overall Effi. in %	More Result Compare to IS	Achieved Star as Per BEE Calcu.	
			Pump Only		Pumpset (V5 GRS)	LPM	95	80	70	55	45					35
			GRS	GRSS		m³/h	5.70	4.80	4.20	3.30	2.70					2.10
						ISI	4.0	6.0	8.0	9.0	10.0					11.0
31	03.0	15	23,630	24,960	50,550	Total Head in Metre	60	90	120	135	150	165	30.60	28.00	4%	3
32	05.0	25	36,500	40,060	70,070		100	150	200	225	250	275	32.85	29.00	7%	2
33	06.5	30	43,670	47,960	82,380		120	180	240	270	300	330	33.30	30.50	5%	2
34	07.5	35	49,260	54,320	92,030		140	210	280	315	350	385	32.85	30.50	4%	2
35	10.0	46	62,400	69,050	1,13,070		184	276	368	414	460	506	33.30	31.00	5%	2
Single Phase																
36	03.0	15	23,630	24,960	51,940	Total Head in Metre	60	90	120	135	150	165	23.20	23.50	10%	2
37	05.0	25	36,500	40,060	72,100		100	150	200	225	250	257	25.50	26.50	25%	-

V-5 GRS/GRSS Pump With V6-SLIM Motor (Janta) - Three Phase



GRS : SS-304 grade (Non Magnetic) I.C Casting Bowls, Nylon -66 Impeller with CED Coated CI Motor Parts

GRSS : SS-304 grade (Non Magnetic) I.C Casting Bowls,SS-304 Fabricated Impeller with CED Coated CI Motor Patrs

Suitable for 5.5" and above Dia. Borewell, 50Hz - 415 Volt. Three Phase

Model : **GRS/GRSS-50** Outlet : 2.0” (50mm) (16mm Pump Shaft) Three Phase

Sr. No.	H.P.	Stg.	Price ₹			Discharge in LPM & m³/h in Operating Head Range In Metre						Over all Effi. % as per IS 8034/18	Falcon Max. Overall Effi. in%	More Result Compare to IS	Achieved Star as Per BEE Calcu.	
			Pump Only		Pumpset (V5-GRS / V6-Slim)	LPM	240	220	180	160	130					100
			GRS	GRSS		m³/h	14.40	13.20	10.80	9.60	7.80					6.00
						ISI	4.0	6.0	8.0	9.0	10.0					11.0
1	07.5	15	26,980	28,920	70,960	Total Head in Metre	60	90	120	135	150	165	37.23	47.00	26%	3
2	10.0	20	34,380	36,960	85,570		80	120	160	180	200	220	37.74	47.50	26%	3
3	12.5	24	41,080	44,200	1,00,240		96	144	192	216	240	264	38.25	48.00	25%	3
4	15.0	28	46,170	49,840	1,11,760		112	168	224	252	280	308	38.76	48.50	25%	3
5	17.5	32	51,340	55,580	1,23,610		128	192	256	255	320	352	39.27	48.50	24%	3

Model : **GRS/GRSS-40** Outlet : 2.0” (50mm) (16mm Pump Shaft) Three Phase

Sr. No.	H.P.	Stg.	Price ₹			Discharge in LPM & m³/h in Operating Head Range In Metre						Over all Effi. % as per IS 8034/18	Falcon Max. Overall Effi. in%	More Result Compare to IS	Achieved Star as Per BEE Calcu.	
			Pump Only		Pumpset (V5-GRS / V6-Slim)	LPM	200	180	150	135	120					75
			GRS	GRSS		m³/h	12.00	10.80	9.00	8.10	7.20					4.50
						ISI	4.0	6.0	8.0	9.0	10.0					11.0
6	07.5	18	29,330	31,740	73,310	Total Head in Metre	72	108	144	162	180	198	36.50	45.50	25%	3
7	10.0	24	37,500	40,730	88,690		96	144	192	216	240	264	37.00	46.00	24%	3
8	12.5	30	46,190	50,250	1,05,350		120	280	240	270	300	330	37.50	46.50	24%	3
9	15.0	35	52,190	56,960	1,17,780		140	210	280	315	350	385	38.00	47.00	24%	3
10	17.5	40	60,010	65,520	1,32,280		160	240	320	360	400	440	38.50	47.00	22%	3

Model : **GRS/GRSS-32** Outlet : 1.5” (60mm) (16mm Pump Shaft) Three Phase

Sr. No.	H.P.	Stg.	Price ₹			Discharge in LPM & m³/h in Operating Head Range In Metre						Over all Effi. % as per IS 8034/18	Falcon Max. Overall Effi. in%	More Result Compare to IS	Achieved Star as Per BEE Calcu.	
			Pump Only		Pumpset (V5-GRS / V6-Slim)	LPM	155	130	115	100	70					55
			GRS	GRSS		m³/h	9.30	7.80	6.90	6.00	4.20					3.30
						ISI	4.0	6.0	8.0	9.0	10.0					11.0
11	07.5	23	35,980	39,130	79,960	Total Head in Metre	92	138	184	207	230	253	34.31	43.00	25%	3
12	10.0	30	45,240	49,340	96,430		120	180	240	270	300	330	34.78	43.50	25%	3
13	12.5	38	54,350	59,600	1,13,510		152	228	304	342	380	418	35.25	44.00	25%	3
14	15.0	44	63,150	69,270	1,28,740		176	264	352	396	440	484	35.72	44.50	25%	3
15	17.5	50	70,350	77,370	1,42,620		200	300	400	450	500	550	36.19	45.00	24%	3

Model : **GRS/GRSS-25** Outlet : 1.5” (60mm) (16mm Pump Shaft) Three Phase

Sr. No.	H.P.	Stg.	Price ₹			Discharge in LPM & m³/h in Operating Head Range In Metre							Over all Effi. % as per IS 8034/18	Falcon Max. Overall Effi. in%	More Result Compare to IS	Achieved Star as Per BEE Calcu.
			Pump Only		Pumpset (V5-GRS / V6-Slim)	LPM	115	100	85	75	60	50				
			GRS	GRSS		m³/h	6.90	6.00	5.10	4.50	3.60	3.00				
						ISI	4.0	6.0	8.0	9.0	10.0	11.0				
16	07.5	28	42,560	46,460	86,540	Total Head in Metre	112	168	224	252	280	308	32.85	39.00	19%	2
17	10.0	37	52,120	57,280	1,03,310		148	222	296	333	370	407	33.30	40.00	20%	3
18	12.5	46	63,920	70,400	1,23,080		184	276	368	414	460	506	33.75	40.50	20%	3
19	15.0	55	75,930	83,730	1,41,520		220	330	440	495	550	605	34.20	40.50	18%	2

V-5 GRS/GRSS Pump With V6-SLIM Motor (Janta) - Three Phase



GRS : SS-304 grade (Non Magnetic) I.C Casting Bowls, Nylon -66 Impeller with CED Coated CI Motor Parts

GRSS : SS-304 grade (Non Magnetic) I.C Casting Bowls,SS-304 Fabricated Impeller with CED Coated CI Motor Patrs

Suitable for 5.5" and above Dia. Borewell, 50Hz - 415 Volt. Three Phase

Model : GRS/GRSS-20 Outlet : 1.5” (60mm) (16mm ⌀ Pump Shaft) Three Phase

Sr. No.	H.P.	Stg.	Price ₹			Discharge in LPM & m³/h in Operating Head Range In Metre						Over all Effi. % as per IS 8034/18	Falcon Max. Overall Effi. in%	More Result Compare to IS	Achieved Star as Per BEE Calcu.	
			Pump Only		Pumpset (V5-GRS / V6-Slim)	LPM	95	80	70	55	45					35
			GRS	GRSS		m³/h	5.70	4.80	4.20	3.30	2.70					2.10
						ISI	4.0	6.0	8.0	9.0	10.0					11.0
20	07.5	35	49,260	54,320	93,240	Total Head in Metre	140	210	280	315	350	385	29.20	31.50	8%	-
21	10.0	46	62,400	69,050	1,13,590		148	276	368	414	460	506	29.60	32.00	8%	-
22	12.5	55	74,110	82,130	1,33,270		220	330	440	495	550	605	30.00	32.50	8%	-

V-5 GRS/GRSS Pump with V-6 Premium Motor (Janta) - Three Phase



GRS : SS-304 grade (Non Magnetic) I.C Casting Bowls, Nylon -66 Impeller with CED Coated CI Motor Parts
GRSS : SS-304 grade (Non Magnetic) I.C Casting Bowls,SS-304 Fabricated Impeller with CED Coated CI Motor Patrs
Suitable for 6" and above Dia. Borewell, 50Hz - 415 Volt. Three Phase

Model : GRS/GRSS-50 Outlet : 2.0" (50mm) (16mm $\varnothing$ Pump Shaft) Three Phase

Sr. No.	H.P.	Stg.	Price ₹			Discharge in LPM & m³/h in Operating Head Range In Metre						Over all Effi. % as per IS 8034/18	Falcon Max. Overall Effi. in%	More Result Compare to IS	Achieved Star as Per BEE Calcu.	
			Pump Only		Pumpset (V5-GRS / V6-Prm.)	LPM	240	220	180	160	130					100
			GRS	GRSS		m³/h	14.40	13.20	10.80	9.60	7.80					6.00
						ISI	4.0	6.0	8.0	9.0	10.0					11.0
1	07.5	15	26,980	28,920	69,860	Total Head in Metre	60	90	120	135	150	165	37.23	47.00	26%	3
2	10.0	20	34,380	36,960	85,290		80	120	160	180	200	220	37.74	47.50	26%	3
3	12.5	24	41,080	44,200	1,00,500		96	144	192	216	240	264	38.25	48.00	25%	3
4	15.0	28	46,170	49,840	1,12,680		112	168	224	252	280	308	38.76	48.50	25%	3
5	17.5	32	51,340	55,580	1,23,830		128	192	256	255	320	352	39.27	48.50	24%	3
6	20.0	36	58,350	63,150	1,37,900		144	216	288	324	360	396	39.78	49.00	23%	3
7	25.0	48	72,790	79,190	1,62,930		192	288	384	432	480	528	40.29	49.00	22%	3

Model : GRS/GRSS-40 Outlet : 2.0" (50mm) (16mm $\varnothing$ Pump Shaft) Three Phase

Sr. No.	H.P.	Stg.	Price ₹			Discharge in LPM & m³/h in Operating Head Range In Metre						Over all Effi. % as per IS 8034/18	Falcon Max. Overall Effi. in%	More Result Compare to IS	Achieved Star as Per BEE Calcu.	
			Pump Only		Pumpset (V5-GRS / V6-Prm.)	LPM	200	180	150	135	120					75
			GRS	GRSS		m³/h	12.00	10.80	9.00	8.10	7.20					4.50
						ISI	4.0	6.0	8.0	9.0	10.0					11.0
8	07.5	18	29,330	31,740	72,210	Total Head in Metre	72	108	144	162	180	198	36.50	45.50	25%	3
9	10.0	24	37,500	40,730	88,410		96	144	192	216	240	264	37.00	46.00	24%	3
10	12.5	30	46,190	50,250	1,05,610		120	280	240	270	300	330	37.50	46.50	24%	3
11	15.0	35	52,190	56,960	1,18,700		140	210	280	315	350	385	38.00	47.00	24%	3
12	17.5	40	60,010	65,520	1,32,500		160	240	320	360	400	440	38.50	47.00	22%	3
13	20.0	45	66,220	72,470	1,45,770		180	270	360	405	450	495	39.00	47.50	22%	3
14	25.0	58	82,760	90,810	1,72,900		232	348	464	522	580	638	39.50	47.50	20%	3

Model : GRS/GRSS-32 Outlet : 1.5" (60mm) (16mm $\varnothing$ Pump Shaft) Three Phase

Sr. No.	H.P.	Stg.	Price ₹			Discharge in LPM & m³/h in Operating Head Range In Metre							Over all Effi. % as per IS 8034/18	Falcon Max. Overall Effi. in%	More Result Compare to IS	Achieved Star as Per BEE Calcu.
			Pump Only		Pumpset (V5-GRS / V6-Prm.)	LPM	155	130	115	100	70	55				
			GRS	GRSS		m³/h	9.30	7.80	6.90	6.00	4.20	3.30				
						ISI	4.0	6.0	8.0	9.0	10.0	11.0				
15	07.5	23	35,980	39,130	78,860	Total Head in Metre	92	138	184	207	230	253	34.31	43.00	25%	3
16	10.0	30	45,240	49,340	96,150		120	180	240	270	300	330	34.78	43.50	25%	3
17	12.5	38	54,350	59,600	1,13,770		152	228	304	342	380	418	35.25	44.00	25%	3
18	15.0	44	63,150	69,270	1,29,660		176	264	352	396	440	484	35.72	44.50	25%	3
19	17.5	50	70,350	77,370	1,42,840		200	300	400	450	500	550	36.19	45.00	24%	3
20	20.0	58	81,650	89,860	1,61,200		232	348	464	522	580	638	36.66	45.50	24%	3

Model : GRS/GRSS-25 Outlet : 1.5" (60mm) (16mm $\varnothing$ Pump Shaft) Three Phase

Sr. No.	H.P.	Stg.	Price ₹			Discharge in LPM & m³/h in Operating Head Range In Metre						Over all Effi. % as per IS 8034/18	Falcon Max. Overall Effi. in%	More Result Compare to IS	Achieved Star as Per BEE Calcu.	
			Pump Only		Pumpset (V5-GRS / V6-Prm.)	LPM	115	100	85	75	60					50
			GRS	GRSS		m³/h	6.90	6.00	5.10	4.50	3.60					3.00
						ISI	4.0	6.0	8.0	9.0	10.0					11.0
21	07.5	28	42,560	46,460	85,440	Total Head in Metre	112	168	224	252	280	308	32.85	39.00	19%	2
22	10.0	37	52,120	57,280	1,03,030		148	222	296	333	370	407	33.30	40.00	20%	3
23	12.5	46	63,920	70,400	1,23,340		184	276	368	414	460	506	33.75	40.50	20%	3
24	15.0	55	75,930	83,730	1,42,440		220	330	440	495	550	605	34.20	40.50	18%	2

V-5 GRS/GRSS Pump with V-6 Premium Motor (Janta) - Three Phase



GRS : SS-304 grade (Non Magnetic) I.C Casting Bowls, Nylon -66 Impeller with CED Coated CI Motor Parts
GRSS : SS-304 grade (Non Magnetic) I.C Casting Bowls,SS-304 Fabricated Impeller with CED Coated CI Motor Patrs
Suitable for 6" and above Dia. Borewell, 50Hz - 415 Volt. Three Phase

Model : **GRS/GRSS-20** Outlet : 1.5” (60mm) (16mm $\varnothing$ Pump Shaft) **Three Phase**

Sr. No.	H.P.	Stg.	Price ₹			Discharge in LPM & m³/h in Operating Head Range In Metre							Over all Effi. % as per IS 8034/18	Falcon Max. Overall Effi. in%	More Result Compare to IS	Achieved Star as Per BEE Calcu.
			Pump Only		Pumpset (V5-GRS / V6-Prm.)	LPM	95	80	70	55	45	35				
			GRS	GRSS		m³/h	5.70	4.80	4.20	3.30	2.70	2.10				
						ISI	4.0	6.0	8.0	9.0	10.0	11.0				
25	07.5	35	49,260	54,320	92,140	Total Head in Metre	140	210	280	315	350	385	29.20	31.50	8%	-
26	10.0	46	62,400	69,050	1,13,310		148	276	368	414	460	506	29.60	32.00	8%	-
27	12.5	55	74,110	82,130	1,33,530		220	330	440	495	550	605	30.00	32.50	8%	-

GRS/GRSS Performance Data					
Sr. No.	MODEL		Bowl length in MM	Head Range (Uniform Output) Head In Mtr. Min. - Max.	Discharge In Head Range LPM to LPM
1	GRS-50	GRS-S-50	37	8-11	180-100
2	GRS-40	GRS-S-40	34	8-11	150-75
3	GRS-32	GRS-S-32	32	8-11	115-55
4	GRS-25	GRS-S-25	30	8-11	85-50
5	GRS-20	GRS-S-20	28	8-11	70-35
Upto 19 Stage		I.C. SS-304 Suction & Outlet			
20 & Above Stage		IC SS-304 Suction & Outlet With Adaptor			



GRS Series Bowlset



GRSS Series Bowlset

Water Filled Three Phase Motor Price ₹			
H.P.	Copper Rotor		
	V-5 Premium	V-6 Slim	V-6 Premium
03.0	26,920	29,340	29,690
05.0	33,570	34,620	34,030
06.0	-	38,410	37,910
06.5	38,710	-	-
07.5	42,770	43,980	42,880
10.0	50,670	51,190	50,910
12.5	57,070	59,160	59,420
15.0	-	65,590	66,510
17.5	-	72,270	72,490
20.0	-	-	79,550
25.0	-	-	90,140

V-5 Premium Single Phase Motor		
COPPER ROTOR	H.P.	Price ₹
	03.0	28,310
	05.0	35,600

V-6 SLIM Pump With V-6 Slim Motor (130mm Ø)



SS-304 grade (Non Magnetic) I.C Casting Bowls, and SS-304 Impeller with CED Coated Cast Iron Patrs SRS Pump

Suitable for 5.5" and above Dia. Borewell, 50Hz - 415 Volt. Three Phase.

Model : SRS-125

Outlet : 2.5" (65mm)

Sr. No.	H.P.	Stg.	Price ₹		Discharge in LPM & m/h in Operating Head Range In Metre								Over all Effi. % as per IS 8034/18	Falcon Max. Overall Effi. in %	More Result Compare to IS
			Pump Only	Pump Set	LPM	560	520	450	390	330	300	270			
					m/h	33.60	31.20	27.00	23.40	19.80	18.00	16.20			
					ISI & Star	3.0	6.0	8.0	10.0	11.0	11.5	12.0			
1	05.0	4	14,620	49,240	ISI	12	24	32	40	44	46	48	38.11	47.00	23%
2	06.0	5	16,890	55,300	ISI	15	30	40	50	55	58	60	39.24	48.00	22%
3	07.5	6	19,190	63,170	ISI	18	36	48	60	66	69	72	40.92	49.00	20%
4	10.0	8	23,920	75,110	ISI	24	48	64	80	88	92	96	41.48	50.00	21%
5	12.5	10	28,550	87,710	ISI	30	60	80	100	110	115	120	42.04	51.00	21%
6	15.0	12	33,260	98,850	-	36	72	96	120	132	138	144	42.60	51.50	21%
7	17.5	14	40,760	1,13,030	-	42	84	112	140	154	161	168	43.16	52.00	20%

Model : SRS-100

Outlet : 2.5" (65mm)

Sr. No.	H.P.	Stg.	Price ₹		Discharge in LPM & m/h in Operating Head Range In Metre								Over all Effi. % as per IS 8034/18	Falcon Max. Overall Effi. in %	More Result Compare to IS
			Pump Only	Pump Set	LPM	460	420	360	300	250	220	190			
					m/h	27.60	25.20	21.60	18.00	15.00	13.20	11.40			
					ISI & Star	3.0	6.0	8.0	10.0	11.0	11.5	12.0			
8	03.0	3	12,180	41,520	ISI	9	18	24	30	33	35	36	35.64	44.00	23%
9	05.0	5	16,400	51,020	ISI	15	30	40	50	55	58	60	36.18	46.00	27%
10	06.0	6	18,610	57,020	ISI	18	36	48	60	66	69	72	37.24	46.50	25%
11	07.5	8	22,950	66,930	ISI	24	48	64	80	88	92	96	38.37	47.00	21%
12	10.0	10	27,600	78,790	ISI & 3 Star	30	60	80	100	110	115	120	39.90	47.50	21%
13	12.5	12	32,120	91,280	-	36	72	96	120	132	138	144	40.43	48.00	20%
14	15.0	15	41,570	1,07,160	-	45	90	120	150	165	173	180	40.96	48.50	20%
15	17.5	18	48,460	1,20,730	-	54	108	144	180	198	207	216	43.16	49.00	20%

Model : SRS-080

Outlet : 2.5" (65mm)

Sr. No.	H.P.	Stg.	Price ₹		Discharge in LPM & m/h in Operating Head Range In Metre								Over all Effi. % as per IS 8034/18	Falcon Max. Overall Effi. in %	More Result Compare to IS
			Pump Only	Pump Set	LPM	355	330	290	220	195	165	150			
					m/h	21.30	19.80	17.40	13.20	11.70	9.90	9.00			
					ISI & Star	3.0	6.0	8.0	10.0	11.0	11.5	12.0			
16	03.0	4	14,090	43,430	ISI	12	24	32	40	44	46	48	32.56	42.00	29%
17	05.0	6	18,260	52,880	ISI	18	36	48	60	66	369	72	33.05	43.00	30%
18	06.0	8	22,490	60,900	ISI	24	48	64	80	88	92	96	34.02	43.50	28%
19	07.5	10	26,810	70,790	ISI & 3 Star	30	60	80	100	110	115	120	35.48	44.00	24%
20	10.0	13	33,550	84,740	ISI & 3 Star	39	78	104	130	143	150	156	35.96	44.50	24%
21	12.5	15	40,730	99,890	-	45	90	120	150	165	173	180	36.45	45.00	23%
22	15.0	19	49,590	1,15,180	-	57	114	152	190	209	219	228	36.94	45.50	23%
23	17.5	22	59,160	1,31,430	-	66	132	176	220	242	253	264	37.42	46.00	23%

Model : SRS-060

Outlet : 2.0" (50mm)

Sr. No.	H.P.	Stg.	Price ₹		Discharge in LPM & m/h in Operating Head Range In Metre								Over all Effi. % as per IS 8034/18	Falcon Max. Overall Effi. in %	More Result Compare to IS
			Pump Only	Pump Set	LPM	265	235	210	170	150	135	120			
					m/h	15.90	14.10	12.60	10.20	9.00	8.10	7.20			
					ISI & Star	3.0	6.0	8.0	10.0	11.0	11.5	12.0			
24	03.0	5	15,870	45,210	ISI	15	30	40	50	55	58	60	34.84	34.84	19%
25	05.0	8	21,940	56,560	ISI	24	48	64	80	88	92	96	35.36	35.36	24%
26	06.0	10	26,120	64,530	-	30	60	80	100	110	115	120	36.40	36.40	24%
27	07.5	12	30,370	74,350	ISI & 3Star	36	72	96	120	132	138	144	37.96	37.96	22%
28	10.0	16	41,730	92,920	ISI	48	96	128	160	176	184	192	38.48	38.48	23%
29	12.5	20	50,340	1,09,500	-	60	120	160	200	220	138	240	39.00	39.00	24%
30	15.0	24	61,780	1,27,370	-	72	144	192	240	264	230	288	39.52	39.52	24%

V-6 SLIM Pump With V-6 Slim Motor (130mm Ø)

Falcon
A MACHINE FOR HANKING

SS-304 grade (Non Magnetic) I.C Casting Bowls, and SS-304 Impeller with CED Coated Cast Iron Patrs SRS Pump

Suitable for 5.5" and above Dia. Borewell, 50Hz - 415 Volt. Three Phase.

Model : SRS-050

Outlet : 2.0” (50mm)

Sr. No.	H.P.	Stg.	Price ₹		Discharge in LPM & m/h in Operating Head Range In Metre								Over all Effi. % as per IS 8034/18	Falcon Max. Overall Effi. in %	More Result Compare to IS
			Pump Only	Pump Set	LPM	230	220	170	140	115	90	50			
					m/h	13.80	13.20	10.20	8.40	6.90	5.40	3.00			
					ISI & Star	3.0	6.0	8.0	10.0	11.0	11.5	12.0			
31	03.0	6	16,900	46,240	ISI	18	36	48	60	66	69	72	32.83	39.00	19%
32	05.0	10	24,320	58,940	ISI	30	60	80	100	110	115	120	33.32	40.00	20%
33	06.0	12	28,200	66,610	-	36	72	96	120	132	138	144	34.00	40.50	19%
34	07.5	15	34,000	77,980	ISI & 3Star	45	90	120	150	165	173	180	34.25	41.00	20%
35	10.0	20	46,660	97,850	-	60	120	160	200	220	230	240	36.26	41.50	14%
36	12.5	25	59,220	1,18,380	-	75	150	200	250	275	288	300	36.75	42.00	14%
37	15.0	30	69,310	1,34,900	-	90	180	240	300	330	345	360	37.24	42.50	14%

Model : SRS-040

Outlet : 2.0” (50mm)

Sr. No.	H.P.	Stg.	Price ₹		Discharge in LPM & m/h in Operating Head Range In Metre								Over all Effi. % as per IS 8034/18	Falcon Max. Overall Effi. in %	More Result Compare to IS
			Pump Only	Pump Set	LPM	180	150	100	80	65	55	40			
					m/h	10.80	9.00	6.00	4.80	3.90	3.30	2.40			
					ISI & Star	3.0	6.0	8.0	10.0	11.0	11.5	12.0			
38	03.0	8	21,020	50,360	-	24	48	64	80	88	92	96	29.48	31.00	5%
39	05.0	13	30,620	65,240	-	39	78	104	130	143	156	156	29.92	32.00	7%
40	06.0	15	34,690	73,100	-	45	90	120	150	165	173	180	30.80	33.00	7%
41	07.5	20	47,180	91,160	-	60	120	160	200	220	230	240	32.12	34.00	6%
42	10.0	25	60,410	1,11,600	-	75	150	200	250	275	288	300	32.56	34.50	6%
43	12.5	30	70,780	1,29,940	-	90	180	240	300	330	345	360	33.00	35.00	6%

V-6 SRS Bowlset (Stage) Performance Data				
Sr. No.	MODEL	Bowl Length in mm	Installation Head Range (Uniform Output) Head in Mtr- Min-Max	Discharge in Head Range LPM to LPM
1	SRS-125	48	8-12	450-270
2	SRS-100	44	8-12	360-190
3	SRS-080	40	8-12	290-150
4	SRS-060	38	8-12	210-120
5	SRS-050	35	8-12	170-50
6	SRS-040	35	8-12	100-40

Extra Charges of S.S Parts Instead of C.I Parts	MRP Rs.
S.S Suction & Outlet of Pumps	5,600
S.S Housings, Base & Connection Piece of Motor	7,800
Extra Charge for Fully S.S Pumpset (Motor & Pump)	13,400

V-6 SLIM Three Phase Motor		
COPPER ROTOR	H.P.	Price ₹
	03.0	29,340
	05.0	34,620
	06.0	38,410
	07.5	43,980
	10.0	51,190
	12.5	59,160
	15.0	65,590
	17.5	72,270



SRS Series Bowlset

V-6 FMC Submersible Pumpset (142mm Ø) Three Phase



Cast Iron Bowls & S.S.410 grade Impellers with CED Coated Cast Iron Patrs FMC Pump
Suitable for 6.0" and above Dia. Borewell, 50Hz - 415 Volt. Three Phase.

Model : FMC-250

Outlet : 3.0" (75mm)

Sr. No.	H.P.	Stg.	Price ₹				Discharge in LPM & m³/h in Operating Head Range In Metre								Over all Effi. % as per IS 8034/18	Falcon Max. Overall Effi. in%	More Result Compare to IS
			Pump Only	Pump Set With			LPM	1315	1250	1100	1000	900	760	585			
				Premium Motor	3-PC Motor	STD-DLX Motor	m³/h	78.90	75.00	66.00	60.00	54.00	45.60	35.10			
							ISI & Star	4	5	7	8	9	10	11			
1	05.0	2	10,220	44,250	43,800	38,890		8	10	14	16	18	20	22	46.20	54.00	17%
2	07.5	3	12,730	55,610	55,010	47,650	ISI & 3	12	15	21	24	27	30	33	49.45	57.50	16%
3	10.0	4	15,270	66,180	63,720	54,540	ISI & 3	16	20	28	32	36	40	44	50.10	58.50	17%
4	12.5	5	17,700	77,120	72,560	63,470	ISI	20	25	35	40	45	50	55	50.75	59.00	16%
5	15.0	6	20,310	86,820	78,560	69,600	ISI	24	30	42	48	54	60	66	51.40	59.50	16%
6	17.5	7	22,970	95,460	85,940	-	ISI	28	35	49	56	63	70	77	52.05	60.50	16%
7	20.0	8	25,670	1,05,220	95,090	-	ISI	32	40	56	64	72	80	88	52.70	61.00	16%
8	25.0	10	30,930	1,21,070	1,05,230	-	-	40	50	70	80	90	100	110	53.35	61.50	15%

Model : FMC-200

Outlet : 3.0" (75mm)

Sr. No.	H.P.	Stg.	Price ₹				Discharge in LPM & m³/h in Operating Head Range In Metre								Over all Effi. % as per IS 8034/18	Falcon Max. Overall Effi. in%	More Result Compare to IS
			Pump Only	Pump Set With			LPM	1045	1000	850	770	700	600	470			
				Premium Motor	3-PC Motor	STD-DLX Motor	m³/h	62.70	60.00	51.00	46.20	42.00	36.00	28.20			
							ISI & Star	4	5	7	8	9	10	11			
9	06.0	3	12,610	50,520	50,290	43,210	ISI	12	15	21	24	27	30	33	44.80	53.50	19%
10	07.5	4	15,130	58,010	57,410	50,050	ISI & 3	16	20	28	32	36	40	44	46.72	56.00	20%
11	10.0	5	17,700	68,610	66,150	56,970	ISI & 3	20	25	35	40	45	50	55	47.36	57.00	20%
12	12.5	6	20,130	79,550	74,990	65,900	ISI	24	30	42	48	54	60	66	48.00	57.50	20%
13	15.0	8	25,210	91,720	83,460	74,500	ISI	32	40	56	64	72	80	88	48.64	58.00	19%
14	17.5	9	27,910	1,00,400	90,880	-	ISI	36	45	63	72	81	90	99	49.28	58.50	19%
15	20.0	10	30,660	1,10,210	1,00,080	-	ISI	40	50	70	80	90	100	110	49.92	59.50	19%
16	25.0	13	38,480	1,28,620	1,12,780	-	-	52	65	91	104	117	130	143	50.56	59.50	18%

V-6 FMC Submersible Pumpset (142mm Ø) Three Phase



Cast Iron Bowls & S.S.410 grade Impellers with CED Coated Cast Iron Patrs FMC Pump
Suitable for 6.0" and above Dia. Borewell, 50Hz - 415 Volt. Three Phase.

Model : FMC-175

Outlet : 3.0" (75mm)

Sr. No.	H.P.	Stg.	Price ₹				Discharge in LPM & m³/h in Operating Head Range In Metre								Over all Effi. % as per IS 8034/18	Falcon Max. Overall Effi. in%	More Result Compare to IS
			Pump Only	Pump Set With			LPM	950	900	780	700	610	510	400			
				Premium Motor	3-PC Motor	STD-DLX Motor	m³/h	57.00	54.00	46.80	42.00	36.60	30.60	24.00			
							ISI & Star	4	5	7	8	9	10	11			
17	05.0	3	12,610	46,640	46,190	41,280	ISI & 3	12	15	21	24	27	30	33	43.52	53.50	23%
18	10.0	6	20,130	71,040	68,580	59,400	-	24	30	42	48	54	60	66	47.36	56.00	18%

Model : FMC-150

Outlet : 3.0" (75mm)

Sr. No.	H.P.	Stg.	Price ₹				Discharge in LPM & m³/h in Operating Head Range In Metre								Over all Effi. % as per IS 8034/18	Falcon Max. Overall Effi. in%	More Result Compare to IS
			Pump Only	Pump Set With			LPM	855	800	680	625	540	450	300			
				Premium Motor	3-PC Motor	STD-DLX Motor	m³/h	51.30	48.00	40.80	37.50	32.40	27.00	18.00			
							ISI & Star	4	5	7	8	9	10	11			
19	03.0	2	9,760	39,450	38,770	35,550	-	8	10	14	16	18	20	22	41.54	51.00	23%
20	06.0	4	14,250	52,160	51,930	44,850	ISI	16	20	28	32	36	40	44	43.40	52.00	20%
21	07.5	5	16,600	59,480	58,880	51,520	ISI & 3	20	25	35	40	45	50	55	45.26	54.50	20%
22	10.0	7	21,240	72,150	69,690	60,510	ISI & 3	28	35	49	56	63	70	77	45.88	55.00	20%
23	12.5	8	23,480	82,900	78,340	69,250	ISI	32	40	56	64	72	80	88	46.50	56.00	20%
24	15.0	10	28,220	94,730	86,470	77,510	ISI	40	50	70	80	90	100	110	47.12	56.50	20%
25	17.5	12	33,030	1,05,520	96,000	-	-	48	60	84	96	108	120	132	47.74	57.00	19%
26	20.0	13	35,630	1,15,180	1,05,050	-	-	52	65	91	104	117	130	143	48.36	57.50	19%
27	25.0	17	45,240	1,35,380	1,19,540	-	-	68	85	119	136	153	170	187	48.98	57.50	17%

V-6 FMC Submersible Pumpset (142mm Ø) Three Phase



Cast Iron Bowls & S.S.410 grade Impellers with CED Coated Cast Iron Patrs FMC Pump

Suitable for 6.0" and above Dia. Borewell, 50Hz - 415 Volt. Three Phase.

Model : FMC-125

Outlet : 2.5" (65mm)

Sr. No.	H.P.	Stg.	Price ₹				Discharge in LPM & m³/h in Operating Head Range In Metre								Over all Effi. % as per IS 8034/18	Falcon Max. Overall Effi. in%	More Result Compare to IS
			Pump Only	Pump Set With			LPM	770	740	630	575	450	350	200			
				Premium Motor	3-PC Motor	STD-DLX Motor	m³/h	46.20	44.40	37.80	34.50	27.00	21.00	12.00			
							ISI & Star	4	5	7	8	9	10	11			
28	05.0	4	14,220	48,250	47,800	42,890	ISI & 3	16	20	28	32	36	40	44	41.48	50.00	21%
29	06.0	5	16,420	54,330	54,100	47,020	ISI	20	25	35	40	45	50	55	42.70	51.00	19%
30	07.5	6	18,780	61,660	61,060	53,700	ISI & 3	24	30	42	48	54	60	66	44.53	52.50	18%
31	10.0	8	23,420	74,330	71,870	62,690	ISI & 3	32	40	56	64	72	80	88	45.14	53.00	17%
32	12.5	10	27,890	87,310	82,750	73,660	ISI	40	50	70	80	90	100	110	45.75	53.50	17%
33	15.0	12	32,650	99,160	90,900	81,940	ISI	48	60	84	96	108	120	132	46.36	54.00	16%
34	17.5	14	37,490	1,09,980	1,00,460	-	-	56	70	98	112	126	140	154	46.97	55.00	17%
35	20.0	16	42,410	1,21,960	1,11,830	-	-	64	80	112	128	144	160	176	47.58	55.50	17%
36	25.0	20	52,050	1,42,190	1,26,350	-	-	80	100	140	160	180	200	220	48.19	56.00	16%

Model : FMC-100

Outlet : 2.5" (65mm)

Sr. No.	H.P.	Stg.	Price ₹				Discharge in LPM & m³/h in Operating Head Range In Metre								Over all Effi. % as per IS 8034/18	Falcon Max. Overall Effi. in%	More Result Compare to IS
			Pump Only	Pump Set With			LPM	650	600	500	450	360	300	180			
				Premium Motor	3-PC Motor	STD-DLX Motor	m³/h	39.00	36.00	30.00	27.00	21.60	18.00	10.80			
							ISI & Star	4	5	7	8	9	10	11			
37	03.0	3	12,020	41,710	41,030	37,810	-	12	15	21	24	27	30	33	39.53	47.50	20%
38	05.0	5	16,590	50,620	50,170	45,260	ISI & 3	20	25	35	40	45	50	55	40.12	48.50	21%
39	06.0	6	18,810	56,720	56,490	49,410	ISI	24	30	42	48	54	60	66	41.30	50.50	22%
40	07.5	8	23,490	66,370	65,770	58,410	ISI & 3	32	40	56	64	72	80	88	43.07	51.50	20%
41	10.0	10	28,240	79,150	76,690	67,510	ISI & 3	40	50	70	80	90	100	110	43.66	52.00	19%
42	12.5	12	32,780	92,200	87,640	78,550	ISI	48	60	84	96	108	120	132	44.25	52.50	19%
43	15.0	15	39,940	1,06,450	98,190	89,230	ISI	60	75	105	120	135	150	165	44.84	53.50	19%
44	17.5	18	47,230	1,19,720	1,10,200	-	-	72	90	126	144	162	180	198	45.43	54.00	19%
45	20.0	20	52,310	1,31,860	1,21,730	-	-	80	100	140	160	180	200	220	46.02	54.50	18%

V-6 FMC Submersible Pumpset (142mm Ø) Three Phase



Cast Iron Bowls & S.S.410 grade Impellers with CED Coated Cast Iron Patrs FMC Pump

Suitable for 6.0" and above Dia. Borewell, 50Hz - 415 Volt. Three Phase.

Model : FMC-080

Outlet : 2.5" (65mm)

Sr. No.	H.P.	Stg.	Price ₹				Discharge in LPM & m³/h in Operating Head Range In Metre								Over all Effi. % as per IS 8034/18	Falcon Max. Overall Effi. in%	More Result Compare to IS
			Pump Only	Pump Set With			LPM	600	550	460	390	280	190	100			
				Premium Motor	3-PC Motor	STD-DLX Motor	m³/h	36.00	33.00	27.60	23.40	16.80	11.40	06.00			
							ISI & Star	4	5	7	8	9	10	11			
46	03.0	4	14,230	43,920	43,240	40,020	-	16	20	28	32	36	40	44	38.86	45.00	16%
47	05.0	6	18,810	52,840	52,390	47,480	-	24	30	42	48	54	60	66	40.60	46.50	15%
48	06.0	8	23,270	61,180	60,950	53,870	-	32	40	56	64	72	80	88	42.34	48.50	15%
49	07.5	10	27,980	70,860	70,260	62,900	-	40	50	70	80	90	100	110	42.92	49.50	15%
50	10.0	13	35,040	85,950	83,490	74,310	-	52	65	91	104	117	130	143	43.50	50.00	15%

V-6 FMC Bowlset (Stage) Performance Data				
Sr. No.	MODEL	Bowl Length in mm	Installation Head Range (Uniform Output) in Mtr. Min. - Max.	Discharge in Head Range LPM to LPM
1	FMC-250	100	7-10	1100-760
2	FMC-200	100	7-10	850-600
3	FMC-175	0	7-10	780-510
4	FMC-150	90	7-10	680-450
5	FMC-125	90	7-10	630-350
6	FMC-100	90	7-10	500-300
7	FMC-080	90	7-10	460-190



FMC Series Bowlset

V6 Sereis Three Phase Water Filled Motor Price ₹			
H.P.	Copper Rotor	Copper Rotor	Alu. Rotor
	Premium	Three Piece	Std.Dlx
03.0	29,690	29,010	25,790
05.0	34,030	33,580	28,670
06.0	37,910	37,680	30,600
07.5	42,880	42,280	34,920
10.0	50,910	48,450	39,270
12.5	59,420	54,860	45,770
15.0	66,510	58,250	49,290
17.5	72,490	62,970	-
20.0	79,550	69,420	-
25.0	90,140	74,300	-
30.0	1,00,570	85,010	-
35.0	1,11,230	-	-

V-6 HRC Submersible Pumpset (142mm Ø) Three Phase



Cast Iron Bowl & S.S.410 Grade Impeller with CED Coated Cast Iron Patrs HRC Pump
Suitable for 6.0" and above Dia. Borewell, 50Hz - 415 Volt. Three Phase.

Model : HRC-250

Outlet : 3.0" (75mm)

Sr. No.	H.P.	Stg.	Price ₹				Discharge in LPM & m³/h in Operating Head Range In Metre								Over all Effi. % as per IS 8034/18	Falcon Max. Overall Effi. in%	More Result Compare to IS	Achieved Star as Per BEE Calcu.
			Pump Only	Pump Set With			LPM	750	710	660	600	525	480	420				
				Premium Motor	3-PC Motor	STD-DLX Motor	m³/h	45.00	42.60	39.60	36.00	31.50	28.80	25.20				
							ISI & Star	6	8	10	12	14	15	16				
1	05.0	2	11,470	45,500	45,050	40,140	ISI & 3	12	16	20	24	28	30	32	39.17	48.50	24%	3
2	07.5	3	13,500	56,380	55,780	48,420	ISI & 3	18	24	30	36	42	45	48	41.56	50.50	22%	3
3	10.0	4	15,480	66,390	63,930	54,750	ISI & 3	24	32	40	48	56	60	64	42.62	54.00	27%	3
4	12.5	5	17,220	76,640	72,080	62,990	ISI & 3	30	40	50	60	70	75	80	43.20	54.50	26%	3
5	15.0	6	18,960	85,470	77,210	68,250	ISI & 3	36	48	60	72	84	90	96	43.78	55.00	26%	3
6	17.5	7	21,070	93,560	84,040	-		42	56	70	84	98	105	112	44.00	55.50	26%	3
7	20.0	8	23,240	1,02,790	92,660	-		48	64	80	96	112	120	128	44.50	56.00	26%	3

Model : HRC-200

Outlet : 2.5" (65mm)

Sr. No.	H.P.	Stg.	Price ₹				Discharge in LPM & m³/h in Operating Head Range In Metre								Over all Effi. % as per IS 8034/18	Falcon Max. Overall Effi. in%	More Result Compare to IS	Achieved Star as Per BEE Calcu.
			Pump Only	Pump Set With			LPM	610	580	540	480	410	380	325				
				Premium Motor	3-PC Motor	STD-DLX Motor	m³/h	36.60	34.80	32.40	28.80	24.60	22.80	19.50				
							ISI & Star	6	8	10	12	14	15	16				
8	06.0	3	10,610	48,520	48,290	41,210	ISI & 3	18	24	30	36	42	45	48	39.98	50.00	28%	3
9	07.5	4	11,950	54,830	54,230	46,870	ISI & 3	24	32	40	48	56	60	64	40.65	51.00	28%	3
10	10.0	5	13,440	64,350	61,890	52,710	ISI & 3	30	40	50	60	70	75	80	41.20	52.00	29%	3
11	12.5	6	14,700	74,120	69,560	60,470	ISI & 3	36	48	60	72	84	90	96	41.76	53.00	28%	3
12	15.0	8	17,240	83,750	75,490	66,530	ISI & 3	48	64	80	96	112	120	128	42.32	4.00	28%	3
13	17.5	9	18,840	91,330	81,810	-	-	54	72	90	108	126	135	144	42.87	55.00	28%	3
14	20.0	10	20,480	1,00,030	89,900	-	-	60	80	100	120	140	150	160	43.43	56.00	29%	3

V-6 HRC Submersible Pumpset (142mm Ø) Three Phase



Cast Iron Bowl & S.S.410 Grade Impeller with CED Coated Cast Iron Patrs HRC Pump
Suitable for 6.0" and above Dia. Borewell, 50Hz - 415 Volt. Three Phase.

Model : HRC-150

Outlet : 2.5" (65mm)

Sr. No.	H.P.	Stg.	Price ₹				Discharge in LPM & m³/h in Operating Head Range In Metre								Over all Effi. % as per IS 8034/18	Falcon Max. Overall Effi. in%	More Result Compare to IS	Achieved Star as Per BEE Calcu.
			Pump Only	Pump Set With			LPM	510	470	435	390	330	300	270				
				Premium Motor	3-PC Motor	STD-DLX Motor	m³/h	30.60	28.20	26.10	23.40	19.80	18.00	16.20				
							ISI & Star	6	8	10	12	14	15	16				
15	03.0	2	9,300	38,990	38,310	35,090	-	12	46	20	24	28	30	32	37.52	47.00	28%	3
16	05.0	3	10,560	44,590	44,140	39,230	ISI & 3	18	24	30	36	42	45	48	39.00	48.50	29%	3
17	06.0	4	12,040	49,950	49,720	42,640	ISI & 3	24	32	40	48	56	60	64	40.00	49.00	29%	3
18	07.5	5	13,440	56,320	55,720	48,360	ISI & 3	30	40	50	60	70	75	80	40.88	50.00	28%	3
19	10.0	7	16,320	67,230	64,770	55,590	ISI & 3	42	56	70	84	98	105	112	41.44	52.00	28%	3
20	12.5	8	17,640	77,060	72,500	63,410	ISI & 3	48	64	80	96	112	120	128	42.00	52.50	27%	3
21	15.0	10	20,270	86,780	78,520	69,560	ISI & 3	60	80	100	120	140	150	160	42.56	53.00	27%	3
22	17.5	12	24,780	97,270	87,750	-	-	72	96	120	144	168	180	192	43.12	53.50	26%	3
23	20.0	14	29,430	1,08,980	98,850	-	-	84	112	140	168	196	210	224	43.68	54.00	27%	3

Model : HRC-125

Outlet : 2.5" (65mm)

Sr. No.	H.P.	Stg.	Price ₹				Discharge in LPM & m³/h in Operating Head Range In Metre								Over all Effi. % as per IS 8034/18	Falcon Max. Overall Effi. in %	More Result Compare to IS	Achieved Star as Per BEE Calcu.
			Pump Only	Pump Set With			LPM	450	380	350	320	280	250	220				
				Premium Motor	3-PC Motor	STD-DLX Motor	m³/h	27.00	22.80	21.00	19.20	16.80	15.00	13.20				
							ISI & Star	6	8	10	12	14	15	16				
24	05.0	4	11,820	45,850	45,400	40,490	ISI & 3	24	32	40	48	56	60	64	40.05	48.00	30%	3
25	06.0	5	13,320	51,230	51,000	43,920	ISI & 3	30	40	50	60	70	75	80	40.70	49.00	29%	3
26	07.5	6	14,740	57,620	57,020	49,660	ISI & 3	36	48	60	72	84	90	96	41.25	49.50	28%	3
27	10.0	8	17,640	68,550	66,090	56,910	ISI & 3	48	64	80	96	112	120	128	42.35	50.00	28%	3
28	12.5	10	20,270	79,690	75,130	66,040	ISI & 3	60	80	100	120	140	150	160	42.90	52.00	27%	3
29	15.0	12	24,350	90,860	82,600	73,640	ISI & 3	72	96	120	144	168	180	192	42.90	52.50	27%	3
30	17.5	14	28,920	1,01,410	91,890	-	-	84	112	140	168	196	210	224	42.90	53.00	27%	3
31	20.0	16	32,160	1,11,710	1,01,580	-	-	96	128	160	192	224	240	256	42.90	53.50	27%	3

V-6 HRC Submersible Pumpset (142mm Ø) Three Phase



Cast Iron Bowl & S.S.410 Grade Impeller with CED Coated Cast Iron Patrs HRC Pump
Suitable for 6.0" and above Dia. Borewell, 50Hz - 415 Volt. Three Phase.

Model : HRC-100

Outlet : 2.0" (50mm)

Sr. No.	H.P.	Stg.	Price ₹				Discharge in LPM & m³/h in Operating Head Range In Metre								Over all Effi. % as per IS 8034/18	Falcon Max. Overall Effi. in %	More Result Compare to IS	Achieved Star as Per BEE Calcu.
			Pump Only	Pump Set With			LPM	315	285	255	235	210	195	180				
				Premium Motor	3-PC Motor	STD-DLX Motor	m³/h	18.90	17.10	15.30	14.10	12.60	11.70	10.80				
							ISI & Star	6	8	10	12	14	15	16				
32	03.0	3	10,470	40,160	39,480	36,260	ISI & 3	18	24	30	36	42	45	48	35.51	44.00	24%	3
33	05.0	5	12,940	46,970	46,520	41,610	ISI & 3	30	40	50	60	70	75	80	36.50	46.00	29%	3
34	06.0	6	14,430	52,340	52,110	45,030	-	36	48	60	72	84	90	96	37.10	47.00	29%	3
35	07.5	8	17,090	59,970	59,370	52,010	ISI & 3	48	64	80	96	112	120	128	38.69	47.50	27%	3
36	10.0	10	19,980	70,890	68,430	59,250	ISI & 3	60	80	100	120	140	150	160	39.22	48.00	26%	3
37	12.5	12	23,980	83,400	78,840	69,750	ISI & 3	72	96	120	144	168	180	192	39.75	49.00	26%	3
38	15.0	15	29,290	95,800	87,540	78,580	ISI & 3	90	120	150	180	210	225	240	40.28	50.00	27%	3
39	17.5	18	33,740	1,06,230	96,710	-	-	108	144	180	216	252	270	288	40.81	51.00	27%	3
40	20.0	20	37,010	1,16,560	1,06,430	-	-	120	160	200	240	280	300	320	41.34	52.00	27%	3

Model : HRC-080

Outlet : 2.0" (50mm)

Sr. No.	H.P.	Stg.	Price ₹				Discharge in LPM & m³/h in Operating Head Range In Metre								Over all Effi. % as per IS 8034/18	Falcon Max. Overall Effi. in %	More Result Compare to IS	Achieved Star as Per BEE Calcu.
			Pump Only	Pump Set With			LPM	240	210	180	165	145	135	120				
				Premium Motor	3-PC Motor	STD-DLX Motor	m³/h	14.40	12.60	10.80	09.90	08.70	08.10	07.20				
							ISI & Star	6	8	10	12	14	15	16				
41	03.0	4	11,750	41,440	40,760	37,540	ISI & 3	24	32	40	48	56	60	64	31.45	41.00	21%	3
42	05.0	6	14,240	48,270	47,820	42,910	ISI & 3	36	48	60	72	84	90	96	32.64	42.00	23%	3
43	06.0	8	17,040	54,950	54,720	47,640	ISI & 3	48	64	80	96	112	120	128	33.60	43.00	22%	3
44	07.5	10	19,760	62,640	62,040	54,680	ISI & 3	60	80	100	120	140	150	160	35.04	44.00	21%	3
45	10.0	13	25,450	76,360	73,900	64,720	ISI & 3	78	104	130	156	182	195	208	35.52	45.00	21%	3
46	12.5	15	29,500	88,920	84,360	75,270	ISI & 3	90	120	150	180	210	225	240	36.00	45.50	22%	3
47	15.0	18	33,400	99,910	91,650	82,690	ISI & 3	108	144	180	216	252	270	288	36.48	46.00	23%	3

V-6 HRC Submersible Pumpset (142mm Ø) Three Phase



Cast Iron Bowl & S.S.410 Grade Impeller with CED Coated Cast Iron Patrs HRC Pump
Suitable for 6.0" and above Dia. Borewell, 50Hz - 415 Volt. Three Phase.

Model : HRC-062

Outlet : 2.0" (50mm)

Sr. No.	H.P.	Stg.	Price ₹				Discharge in LPM & m³/h in Operating Head Range In Metre								Over all Effi. % as per IS 8034/18	Falcon Max. Overall Effi. in%	More Result Compare to IS	Achieved Star as Per BEE Calcu.
			Pump Only	Pump Set With			LPM	190	160	140	126	100	90	70				
				Premium Motor	3-PC Motor	STD-DLX Motor	m³/h	11.40	9.60	8.40	7.56	6.00	5.40	4.20				
							ISI & Star	6	8	10	12	14	15	16				
48	03.0	5	13,530	43,220	42,540	39,320	-	30	40	50	60	70	75	80	30.82	37.00	23%	3
49	05.0	8	17,580	51,610	51,160	46,250	-	48	64	80	96	112	120	160	31.28	38.00	24%	3
50	06.0	10	20,660	58,570	58,340	51,260	-	60	80	100	120	140	150	160	32.2	39.00	24%	3
51	07.5	12	25,030	67,910	67,310	59,950	-	72	86	120	144	168	180	192	33.58	41.00	22%	3
52	10.0	16	32,580	83,490	81,030	71,850	-	96	128	160	192	224	240	256	34.04	42.00	21%	3
53	12.5	19	36,820	96,240	91,680	82,590	-	114	152	190	228	266	285	304	34.5	42.50	21%	3
54	15.0	23	45,980	1,12,490	1,04,230	95,270	-	138	184	230	276	322	345	368	34.96	43.00	21%	3

V-6 HRC Bowlset (Stage) Performance Data				
Sr. No.	MODEL	Bowl Length in mm	Installation Head Range (Uniform Output) in Mtr. Min. - Max.	Discharge in Head Range LPM to LPM
1	HRC-250	54	10 - 15	660 - 480
2	HRC-200	44	10 - 15	540 - 380
3	HRC-150	39	10 - 15	435 - 300
4	HRC-125	39	10 - 15	350 - 250
5	HRC-100	33	10 - 15	255 - 195
6	HRC-080	33	10 - 15	180 - 135
6	HRC-062	33	10 - 15	140 - 90



HRC Series Bowlset

V6 Sereis Three Phase Water Filled Motor Price ₹			
H.P.	Copper Rotor	Copper Rotor	Alu. Rotor
	Premium	Three Piece	Std.Dlx
03.0	29,690	29,010	25,790
05.0	34,030	33,580	28,670
06.0	37,910	37,680	30,600
07.5	42,880	42,280	34,920
10.0	50,910	48,450	39,270
12.5	59,420	54,860	45,770
15.0	66,510	58,250	49,290
17.5	72,490	62,970	-
20.0	79,550	69,420	-
25.0	90,140	74,300	-
30.0	1,00,570	85,010	-
35.0	1,11,230	-	-

V-6 NRS Submersible Pumpset (142mm Ø) Three Phase



S.S.410 Grade Bowl Noryl Diffuser and Nylone-66 Impellers with CED Coated Cast Iron Patrs NRS Pumps
Suitable for 6.0" and above Dia. Borewell, 50Hz - 415 Volt. Three Phase.

Model : NRS-250

Outlet : 3.0” (75mm)

Sr. No.	H.P.	Stg.	Price ₹				Discharge in LPM & m ³ /h in Operating Head Range In Metre								Over all Effi. % as per IS 8034/18	Falcon Max. Overall Effi. in%	More Result Compare to IS	Achieved Star as Per BEE Calcu.
			Pump Only	Pump Set With			LPM	810	735	635	530	490	450	405				
				Premium Motor	3-PC Motor	STD-DLX Motor	m ³ /h	48.60	44.10	38.10	31.80	29.40	27.00	24.30				
							ISI & Star	6	9	12	15	16	17	18				
1	07.5	3	12,650	55,530	54,930	47,570	-	18	27	36	45	48	51	54	43.07	53.00	23%	3
2	10.0	4	14,000	64,910	62,450	53,270	-	24	36	48	60	64	68	72	43.66	54.00	24%	3
3	12.5	5	15,370	74,790	70,230	61,140	-	30	45	60	75	80	85	90	44.25	56.00	27%	3
4	15.0	6	16,760	83,270	75,010	66,050	-	36	54	72	90	96	102	108	44.84	56.50	26%	3
5	17.5	7	18,180	90,670	81,150	-	-	42	63	84	105	112	119	126	45.43	57.00	25%	3
6	20.0	8	19,610	99,160	89,030	-	-	48	72	96	120	128	136	144	46.02	58.00	26%	3

Model : NRS-200

Outlet : 2.5” (65mm)

Sr. No.	H.P.	Stg.	Price ₹				Discharge in LPM & m ³ /h in Operating Head Range In Metre								Over all Effi. % as per IS 8034/18	Falcon Max. Overall Effi. in%	More Result Compare to IS	Achieved Star as Per BEE Calcu.
			Pump Only	Pump Set With			LPM	640	590	520	450	420	390	350				
				Premium Motor	3-PC Motor	STD-DLX Motor	m ³ /h	38.40	35.40	31.20	27.00	25.20	23.40	21.00				
							ISI & Star	6	9	12	15	16	17	18				
7	06.0	3	10,470	48,380	48,150	41,070	-	18	27	36	45	48	51	54	40.60	50.50	24%	3
8	07.5	4	11,670	54,550	53,950	46,590	-	24	36	48	60	64	68	72	42.34	51.00	20%	3
9	10.0	5	12,900	63,810	61,350	52,170	-	30	45	60	75	80	85	90	42.92	51.50	20%	3
10	12.5	6	14,150	73,570	69,010	59,920	-	36	54	72	90	96	102	108	43.50	54.00	24%	3
11	15.0	8	16,550	83,060	74,800	65,840	-	48	72	96	120	128	136	144	44.08	54.50	24%	3
12	17.5	9	17,840	90,330	80,810	-	-	54	81	108	135	144	153	162	44.66	55.00	23%	3
13	20.0	10	19,160	98,710	88,580	-	-	60	90	120	150	160	170	180	45.24	55.50	29%	3

V-6 NRS Submersible Pumpset (142mm Ø) Three Phase



S.S.410 Grade Bowl Noryl Diffuser and Nylone-66 Impellers with CED Coated Cast Iron Patrs NRS Pumps
Suitable for 6.0" and above Dia. Borewell, 50Hz - 415 Volt. Three Phase.

Model : NRS-150

Outlet : 2.5” (65mm)

Sr. No.	H.P.	Stg.	Price ₹				Discharge in LPM & m ³ /h in Operating Head Range In Metre								Over all Effi. % as per IS 8034/18	Falcon Max. Overall Effi. in%	More Result Compare to IS	Achieved Star as Per BEE Calcu.
			Pump Only	Pump Set With			LPM	475	445	385	330	320	290	270				
				Premium Motor	3-PC Motor	STD-DLX Motor	m ³ /h	29.00	27.00	23.00	20.00	19.00	17.00	16.00				
							ISI & Star	6	9	12	15	16	17	18				
14	03.0	2	9,080	38,770	38,090	34,870	-	12	18	24	30	32	34	36	38.19	51.00	34%	4
15	05.0	3	10,330	44,360	43,910	39,000	-	18	27	36	45	48	51	54	38.76	52.00	34%	4
16	06.0	4	11,510	49,420	49,190	42,110	-	24	36	48	60	64	68	72	39.90	52.00	30%	4
17	07.5	5	12,710	55,590	54,990	47,630	-	30	45	60	75	80	85	90	41.61	53.00	27%	3
18	10.0	7	15,030	65,940	63,480	54,300	-	42	63	84	105	112	119	126	42.18	53.50	27%	3
19	12.5	8	16,280	75,700	71,140	62,050	-	48	72	96	120	128	136	144	42.75	54.00	26%	3
20	15.0	10	18,670	85,180	76,920	67,960	-	60	90	120	150	160	170	180	43.32	54.00	25%	3
21	17.5	12	22,610	95,100	85,580	-	-	72	108	144	180	192	204	216	43.89	56.00	28%	3
22	20.0	14	27,890	1,07,440	97,310	-	-	84	126	168	210	224	238	252	44.46	55.50	25%	3

Model : NRS-125

Outlet : 2.5” (65mm)

Sr. No.	H.P.	Stg.	Price ₹				Discharge in LPM & m ³ /h in Operating Head Range In Metre								Over all Effi. % as per IS 8034/18	Falcon Max. Overall Effi. in%	More Result Compare to IS	Achieved Star as Per BEE Calcu.
			Pump Only	Pump Set With			LPM	380	350	320	270	250	230	200				
				Premium Motor	3-PC Motor	STD-DLX Motor	m ³ /h	22.80	21.00	19.20	16.20	15.00	13.80	12.00				
							ISI & Star	6	9	12	15	16	17	18				
23	05.0	4	11,250	45,280	44,830	39,920	-	24	36	48	60	64	68	72	37.52	50.00	33%	4
24	06.0	5	12,400	50,310	50,080	43,000	-	30	45	60	75	80	85	90	39.20	50.50	29%	3
25	07.5	6	13,560	56,440	55,840	48,480	ISI & 3	36	54	72	90	96	102	108	40.80	51.00	25%	3
26	10.0	8	15,810	66,720	64,260	55,080	ISI & 3	48	72	96	120	128	136	144	41.44	52.00	25%	3
27	12.5	10	18,100	77,520	72,960	63,870	ISI & 3	60	90	120	150	160	170	180	42.00	52.50	25%	3
28	15.0	12	21,930	88,440	80,180	71,220	ISI & 3	72	108	144	180	192	204	216	42.56	53.00	25%	3
29	17.5	14	27,070	99,560	90,040	-	ISI & 3	84	126	168	210	224	238	252	43.12	53.50	24%	3
30	20.0	16	29,510	1,09,060	98,930	-	-	96	144	192	240	256	272	288	43.68	54.00	24%	3

V-6 NRS Submersible Pumpset (142mm Ø) Three Phase



S.S.410 Grade Bowl Noryl Diffuser and Nylone-66 Impellers with CED Coated Cast Iron Patrs NRS Pumps

Suitable for 6.0" and above Dia. Borewell, 50Hz - 415 Volt. Three Phase.

Model : NRS-100

Outlet : 2.0" (50mm)

Sr. No.	H.P.	Stg.	Price ₹				Discharge in LPM & m ³ /h in Operating Head Range In Metre								Over all Effi. % as per IS 8034/18	Falcon Max. Overall Effi. in%	More Result Compare to IS	Achieved Star as Per BEE Calcu.
			Pump Only	Pump Set With			LPM	300	275	240	200	190	175	160				
				Premium Motor	3-PC Motor	STD-DLX Motor	m ³ /h	18.00	16.50	13.80	12.00	11.40	10.50	9.60				
							ISI & Star	6	9	12	15	16	17	18				
31	03.0	3	9,910	39,600	38,920	35,700	-	18	27	36	45	48	51	54	35.25	46.50	32%	4
32	05.0	5	12,090	46,120	45,670	40,760	ISI & 3	30	45	60	75	80	85	90	36.30	47.00	29%	3
33	06.0	6	13,210	51,120	50,890	43,810	ISI & 3	36	54	72	90	96	102	108	37.12	48.00	29%	3
34	07.5	8	15,360	58,240	57,640	50,280	ISI & 3	48	72	96	120	128	136	144	38.00	49.00	29%	3
35	10.0	10	17,550	68,460	66,000	56,820	ISI & 3	60	90	120	150	160	170	180	38.70	50.00	29%	3
36	12.5	12	21,250	80,670	76,110	67,020	ISI & 3	72	108	144	180	192	204	216	39.50	51.00	29%	3
37	15.0	15	27,320	93,830	85,570	76,610	ISI & 3	90	135	180	225	240	255	270	41.91	51.50	23%	3
38	17.5	18	30,710	1,03,200	93,680	-	ISI & 3	108	162	216	270	288	306	324	42.46	52.00	22%	3
39	20.0	20	33,100	1,12,650	1,02,520	-	ISI & 3	120	180	240	300	320	340	360	42.52	53.00	25%	3

Model : NRS-080

Outlet : 2.0" (50mm)

Sr. No.	H.P.	Stg.	Price ₹				Discharge in LPM & m ³ /h in Operating Head Range In Metre								Over all Effi. % as per IS 8034/18	Falcon Max. Overall Effi. in%	More Result Compare to IS	Achieved Star as Per BEE Calcu.
			Pump Only	Pump Set With			LPM	240	220	185	155	145	130	110				
				Premium Motor	3-PC Motor	STD-DLX Motor	m ³ /h	14.22	12.88	11.12	9.28	8.60	7.90	6.38				
							ISI & Star	6	9	12	15	16	17	18				
40	03.0	4	10,800	40,490	39,810	36,590	-	24	36	48	60	64	68	72	32.16	39.00	27%	3
41	05.0	6	12,950	46,980	46,530	41,620	ISI & 3	36	54	72	90	96	102	108	32.64	39.50	21%	3
42	06.0	8	15,040	52,950	52,720	45,640	ISI & 3	48	72	96	120	128	136	144	33.60	42.00	25%	3
43	07.5	10	17,160	60,040	59,440	52,080	ISI & 3	60	90	120	150	160	170	180	35.04	43.00	23%	3
44	10.0	13	21,780	72,690	70,230	61,050	ISI & 3	78	117	156	195	208	221	234	35.52	43.50	22%	3
45	12.5	15	26,720	86,140	81,580	72,490	ISI & 3	90	135	180	225	240	255	270	36.00	44.00	22%	3
46	15.0	18	30,010	96,520	88,260	79,300	ISI & 3	108	162	216	270	288	306	324	36.50	45.00	23%	3

V-6 NRS Submersible Pumpset (142mm Ø) Three Phase



S.S.410 Grade Bowl Noryl Diffuser and Nylone-66 Impellers with CED Coated Cast Iron Patrs NRS Pumps

Suitable for 6.0" and above Dia. Borewell, 50Hz - 415 Volt. Three Phase.

Model : NRS-062

Outlet : 2.0" (50mm)

Sr. No.	H.P.	Stg.	Price ₹				Discharge in LPM & m³/h in Operating Head Range In Metre								Over all Effi. % as per IS 8034/18	Falcon Max. Overall Effi. in%	More Result Compare to IS	Achieved Star as Per BEE Calcu.
			Pump Only	Pump Set With			LPM	160	145	125	100	90	80	65				
				Premium Motor	3-PC Motor	STD-DLX Motor	m³/h	9.60	8.70	7.50	6.00	5.40	4.80	3.90				
							ISI & Star	6	9	12	15	16	17	18				
47	03.0	5	11,580	41,270	40,590	37,370	-	30	45	60	75	80	85	90	30.35	38.00	25%	3
48	05.0	8	14,610	48,640	48,190	43,280	ISI & 3	48	72	96	120	128	136	144	30.60	39.00	27%	3
49	06.0	10	16,630	54,540	54,310	47,230	ISI & 3	60	90	120	150	160	170	180	31.50	40.00	27%	3
50	07.5	12	20,140	63,020	62,420	55,060	ISI & 3	72	108	144	180	192	204	216	32.85	41.00	25%	3
51	10.0	16	26,880	77,790	75,330	66,150	ISI & 3	96	144	192	240	256	272	288	33.30	41.50	25%	3
52	12.5	19	30,030	89,450	84,890	75,800	ISI & 3	114	171	228	285	304	323	342	33.75	42.00	24%	3

V-6 NRS Bowlset (Stage) Performance Data				
Sr. No.	MODEL	Bowl Length in mm	Installation Head Range (Uniform Output) Head in Mtr. Min. - Max.	Discharge in Head Range LPM to LPM
1	NRS-250	47	12 - 17	635 - 450
2	NRS-200	42	12 - 17	520 - 390
3	NRS-150	38	12 - 17	385 - 290
4	NRS-125	36	12 - 17	320 - 230
5	NRS-100	33	12 - 17	240 - 175
6	NRS-080	30	12 - 17	185 - 130
7	NRS-062	28	12 - 17	125 - 80

V6 Sereis Three Phase Water Filled Motor Price ₹			
H.P.	Copper Rotor	Copper Rotor	Alu. Rotor
	Premium	Three Piece	Std.Dlx
03.0	29,690	29,010	25,790
05.0	34,030	33,580	28,670
06.0	37,910	37,680	30,600
07.5	42,880	42,280	34,920
10.0	50,910	48,450	39,270
12.5	59,420	54,860	45,770
15.0	66,510	58,250	49,290
17.5	72,490	62,970	-
20.0	79,550	69,420	-
25.0	90,140	74,300	-
30.0	1,00,570	85,010	-
35.0	1,11,230	-	-

V-6 HRS Submersible Pumpset (142mm Ø) Three Phase

 Falcon
A MACHINE FOR HANKING

S.S.304 grade (Non Magnetic) I.C. Bowls & S.S.304 Impeller with CED Coated Cast Iron Parts HRS Pumps
Suitable for 6.0" and above Dia. Borewell, 50Hz - 415 Volt. Three Phase.

Model : **HRS-250**

Outlet : **3.0” (75mm)**

Sr. No.	H.P.	Stg.	Price ₹				Discharge in LPM & m³/h in Operating Head Range In Metre								Over all Effi. % as per IS 8034/18	Falcon Max. Overall Effi. in%	More Result Compare to IS	Achieved Star as Per BEE Calcu.
			Pump Only	Pump Set With			LPM	820	735	650	600	550	500	430				
				Premium Motor	3-PC Motor	STD-DLX Motor	m³/h	49.20	44.10	39.00	36.00	33.00	30.00	25.80				
							ISI & Star	6	9	12	14	15	16	18				
1	05.0	2	13,460	47,490	47,040	42,130	ISI & 5	12	18	24	28	30	32	36	36.80	50.00	40%	5
2	07.5	3	16,300	59,180	58,580	51,220	ISI & 4	18	27	36	42	45	48	54	40.12	53.00	32%	4
3	10.0	4	18,880	69,790	67,330	58,150	ISI & 3	24	36	48	56	60	64	72	42.18	54.00	28%	3
4	12.5	5	21,470	80,890	76,330	67,240	ISI & 3	30	45	60	70	75	80	90	43.25	56.00	29%	3
5	15.0	6	24,280	90,790	82,530	73,570	ISI & 3	36	54	72	84	90	96	108	43.65	56.50	29%	3
6	17.5	7	27,130	99,620	90,100	-	ISI & 3	42	63	84	98	105	112	126	44.15	57.00	29%	3
7	20.0	8	30,020	1,09,570	99,440	-	ISI & 3	48	72	96	112	120	128	144	44.85	58.00	29%	3
8	25.0	10	35,340	1,25,480	1,09,640	-	-	60	90	120	140	150	160	180	45.30	58.50	29%	3
9	30.0	12	43,740	1,44,310	1,28,750	-	-	72	108	144	168	180	192	216	45.60	58.50	28%	3
10	35.0	14	49,950	1,61,180	-	-	-	84	126	168	196	210	224	252	45.89	58.50	27%	3

Model : **HRS-200**

Outlet : **2.5” (65mm)**

Sr. No.	H.P.	Stg.	Price ₹				Discharge in LPM & m³/h in Operating Head Range In Metre								Over all Effi. % as per IS 8034/18	Falcon Max. Overall Effi. in%	More Result Compare to IS	Achieved Star as Per BEE Calcu.
			Pump Only	Pump Set With			LPM	650	590	515	480	415	360	315				
				Premium Motor	3-PC Motor	STD-DLX Motor	m³/h	39.00	35.40	30.90	28.80	24.90	21.60	18.90				
							ISI & Star	6	9	12	14	15.5	17	18				
11	06.0	3	13,480	51,390	51,160	44,080	ISI & 5	18	27	36	42	47	51	54	35.91	50.50	41%	5
12	07.5	4	15,770	58,650	58,050	50,690	ISI & 4	24	36	48	56	62	68	72	36.70	51.00	39%	4
13	10.0	5	18,090	69,000	66,540	57,360	ISI & 5	30	45	60	70	78	85	90	36.80	53.00	40%	5
14	12.5	6	20,460	79,880	75,320	66,230	ISI & 4	36	54	72	84	93	102	108	38.95	55.50	39%	4
15	15.0	8	25,090	91,600	83,340	74,380	ISI & 4	48	72	96	112	124	136	144	39.15	55.00	39%	4
16	17.5	9	27,550	1,00,040	90,520	-	ISI & 4	54	81	108	126	140	153	162	39.50	55.50	39%	4
17	20.0	10	30,050	1,09,600	99,470	-	ISI & 5	60	90	120	140	155	170	180	39.70	56.00	40%	5
18	25.0	12	39,160	1,29,300	1,13,460	-	-	72	108	144	168	186	204	216	40.53	56.50	37%	4
19	30.0	15	46,400	1,46,970	1,31,410	-	-	84	135	180	210	233	255	270	41.04	57.00	35%	4
20	35.0	17	51,430	1,62,660	-	-	-	102	153	204	238	264	289	306	41.30	57.50	34%	4

V-6 HRS Submersible Pumpset (142mm Ø) Three Phase

 Falcon
A MACHINE FOR MARKING

S.S.304 grade (Non Magnetic) I.C. Bowls & S.S.304 Impeller with CED Coated Cast Iron Parts HRS Pumps
Suitable for 6.0" and above Dia. Borewell, 50Hz - 415 Volt. Three Phase.

Model : **HRS-175**

Outlet : 2.5" (65mm)

Sr. No.	H.P.	Stg.	Price ₹				Discharge in LPM & m³/h in Operating Head Range In Metre								Over all Effi. % as per IS 8034/18	Falcon Max. Overall Effi. in%	More Result Compare to IS	Achieved Star as Per BEE Calcu.
			Pump Only	Pump Set With			LPM	550	500	430	370	330	300	250				
				Premium Motor	3-PC Motor	STD-DLX Motor	m³/h	33.00	30.00	25.80	22.20	19.80	18.00	15.00				
							ISI & Star	6	9	12	15	16	17	18				
21	05.0	3	13,280	47,310	46,860	41,950	ISI & 5	18	27	36	45	48	51	54	34.24	49.00	46%	5
22	10.0	6	20,120	71,030	68,570	59,390	ISI & 5	36	54	72	90	96	102	108	37.26	52.00	42%	5
23	12.5	7	22,470	81,890	77,330	68,240	ISI & 5	42	63	84	105	112	119	126	37.76	54.50	42%	5
24	17.5	10	29,520	1,02,010	92,490	-	ISI & 5	60	90	120	150	160	170	180	38.77	55.00	41%	5
25	20.0	12	35,740	1,15,290	1,05,160	-	ISI & 5	72	108	144	180	192	204	216	39.27	55.00	40%	5
26	25.0	14	43,330	1,33,470	1,17,630	-	-	84	126	168	210	224	238	270	39.78	55.50	38%	4
27	30.0	17	50,520	1,51,090	1,35,530	-	-	102	153	204	255	272	289	306	40.28	56.00	37%	4
28	35.0	19	58,360	1,69,590	-	-	-	114	171	228	285	304	323	360	40.53	57.00	36%	4

Model : **HRS-150**

Outlet : 2.5" (65mm)

Sr. No.	H.P.	Stg.	Price ₹				Discharge in LPM & m ³ /h in Operating Head Range In Metre								Over all Effi. % as per IS 8034/18	Falcon Max. Overall Effi. in%	More Result Compare to IS	Achieved Star as Per BEE Calcu.
			Pump Only	Pump Set With			LPM	490	450	390	330	300	270	250				
				Premium Motor	3-PC Motor	STD-DLX Motor	m ³ /h	29.40	27.00	23.40	19.80	18.00	16.20	15.00				
							ISI & Star	6	9	12	15	16	17	18				
29	03.0	2	10,940	40,630	39,950	36,730	ISI	12	18	24	30	32	34	36	34.84	47.00	46%	5
30	06.0	4	15,240	53,150	52,920	45,840	ISI & 5	24	36	48	60	64	68	72	36.40	49.00	43%	5
31	07.5	5	17,450	60,330	59,730	52,370	ISI & 5	30	45	60	75	80	85	90	37.96	50.00	40%	5
32	10.0	7	21,790	72,700	70,240	61,060	ISI & 5	42	63	84	105	112	119	126	38.00	51.00	41%	5
33	12.5	8	24,090	83,510	78,950	69,860	ISI & 5	48	72	96	120	128	136	144	38.50	53.50	40%	5
34	15.0	10	28,550	95,060	86,800	77,840	ISI & 5	60	90	120	150	160	170	180	38.70	54.00	40%	5
35	17.5	12	34,570	1,07,060	97,540	-	ISI & 5	72	108	144	180	192	204	216	40.04	54.50	40%	5
36	20.0	14	41,950	1,21,500	1,11,370	-	ISI & 4	84	126	168	210	224	238	252	40.56	54.50	37%	4
37	25.0	17	48,860	1,39,000	1,23,160	-	-	102	153	204	255	272	289	306	41.08	55.00	36%	4
38	30.0	20	58,670	1,59,240	1,43,680	-	-	120	180	240	300	320	340	360	41.60	55.50	36%	4
39	35.0	22	65,820	1,77,050	-	-	-	132	198	264	330	352	374	396	41.86	56.00	35%	4

V-6 HRS Submersible Pumpset (142mm Ø) Three Phase

 Falcon
A MACHINE FOR BANKING

S.S.304 grade (Non Magnetic) I.C. Bowls & S.S.304 Impeller with CED Coated Cast Iron Parts HRS Pumps
Suitable for 6.0" and above Dia. Borewell, 50Hz - 415 Volt. Three Phase.

Model : **HRS-125**

Outlet : **2.5” (65mm)**

Sr. No.	H.P.	Stg.	Price ₹				Discharge in LPM & m ³ /h in Operating Head Range In Metre								Over all Effi. % as per IS 8034/18	Falcon Max. Overall Effi. in %	More Result Compare to IS	Achieved Star as Per BEE Calcu.
			Pump Only	Pump Set With			LPM	400	370	325	280	260	230	210				
				Premium Motor	3-PC Motor	STD-DLX Motor	m ³ /h	24.00	22.20	19.50	16.80	15.60	13.80	12.60				
							ISI & Star	6	9	12	15	16	17	18				
40	05.0	4	14,990	49,020	48,570	43,660	ISI & 5	24	36	48	60	64	68	72	34.68	48.00	44%	5
41	06.0	5	17,150	55,060	54,830	47,750	ISI & 5	30	45	60	75	80	85	90	35.70	48.50	41%	5
42	07.5	6	19,350	62,230	61,630	54,270	ISI & 5	36	54	72	90	96	102	108	36.50	49.50	40%	5
43	10.0	8	23,650	74,560	72,100	62,920	ISI & 5	48	72	96	120	128	136	144	37.12	50.00	40%	5
44	12.5	10	28,020	87,440	82,880	73,790	ISI & 5	60	90	120	150	160	170	180	37.60	52.50	41%	5
45	15.0	12	33,920	1,00,430	92,170	83,210	ISI & 5	72	108	144	180	192	204	216	37.95	53.00	40%	5
46	17.5	14	41,180	1,13,670	1,04,150	-	ISI & 5	84	126	168	210	224	238	252	38.20	53.50	40%	5
47	20.0	16	45,800	1,25,350	1,15,220	-	ISI & 5	96	144	192	240	256	272	288	38.65	54.00	40%	5
48	25.0	20	57,570	1,47,710	1,31,870	-	-	120	180	240	300	320	340	360	40.29	54.00	34%	4
49	30.0	24	68,940	1,69,510	1,53,950	-	-	144	216	288	360	384	408	432	40.80	55.00	32%	4
50	35.0	26	73,900	1,85,130	-	-	-	156	234	312	390	416	442	468	41.06	55.50	32%	4

Model : **HRS-110**

Outlet : **2.5” (65mm)**

Sr. No.	H.P.	Stg.	Price ₹				Discharge in LPM & m ³ /h in Operating Head Range In Metre								Over all Effi. % as per IS 8034/18	Falcon Max. Overall Effi. in %	More Result Compare to IS	Achieved Star as Per BEE Calcu.
			Pump Only	Pump Set With			LPM	350	310	285	240	220	210	180				
				Premium Motor	3-PC Motor	STD-DLX Motor	m ³ /h	21.00	19.20	17.10	14.40	13.20	12.60	10.80				
							ISI & Star	6	9	12	15	16	17	18				
51	07.5	7	20,960	63,840	63,240	55,880	ISI & 5	42	63	84	105	112	119	126	34.34	49.00	43%	5
52	17.5	16	44,380	1,16,870	1,07,350	-	ISI & 5	96	144	192	240	256	272	288	36.22	53.00	41%	5
53	20.0	18	48,900	1,28,450	1,18,320	-	ISI & 5	108	162	216	270	288	306	324	36.69	53.50	42%	5
54	25.0	22	62,610	1,52,750	1,36,910	-	-	132	198	264	330	352	374	396	37.16	53.50	41%	5
55	30.0	26	71,560	1,72,130	1,56,570	-	-	156	234	312	390	416	442	468	37.63	54.00	40%	5
56	35.0	30	80,650	1,91,880	-	-	-	180	270	360	450	480	510	540	37.87	54.50	39%	4

V-6 HRS Submersible Pumpset (142mm Ø) Three Phase

 Falcon
A MACHINE FOR HANKING

S.S.304 grade (Non Magnetic) I.C. Bowls & S.S.304 Impeller with CED Coated Cast Iron Parts HRS Pumps
Suitable for 6.0" and above Dia. Borewell, 50Hz - 415 Volt. Three Phase.

Model : **HRS-100**

Outlet : **2.0” (50mm)**

Sr. No.	H.P.	Stg.	Price ₹				Discharge in LPM & m³/h in Operating Head Range In Metre								Over all Effi. % as per IS 8034/18	Falcon Max. Overall Effi. in%	More Result Compare to IS	Achieved Star as Per BEE Calcu.
			Pump Only	Pump Set With			LPM	330	285	250	210	200	180	165				
				Premium Motor	3-PC Motor	STD-DLX Motor	m³/h	19.80	17.10	15.00	12.60	12.00	10.80	9.90				
							ISI & Star	6	9	12	15	16	17	18				
57	03.0	3	12,530	42,220	41,540	38,320	ISI & 3	18	27	36	45	48	51	54	32.16	45.00	45%	5
58	05.0	5	16,430	50,460	50,010	45,100	ISI & 5	30	45	60	75	80	85	90	32.64	47.00	44%	5
59	06.0	6	18,490	56,400	56,170	49,090	ISI & 5	36	54	72	90	96	102	108	33.60	48.00	43%	5
60	07.5	8	22,510	65,390	64,790	57,430	ISI & 5	48	72	96	120	128	136	144	35.04	48.50	40%	5
61	10.0	10	26,610	77,520	75,060	65,880	ISI & 5	60	90	120	150	160	170	180	35.52	49.00	41%	5
62	12.5	12	32,220	91,640	87,080	77,990	ISI & 5	72	108	144	180	192	204	216	36.00	51.50	42%	5
63	15.0	15	41,140	1,07,650	99,390	90,430	ISI & 5	90	135	180	225	240	255	270	36.48	52.00	41%	5
64	17.5	18	47,490	1,19,980	1,10,460	-	ISI & 5	108	162	216	270	288	306	324	39.96	52.50	41%	5
65	20.0	20	51,920	1,31,470	1,21,340	-	ISI & 4	120	180	240	300	320	340	360	38.15	52.50	39%	4
66	25.0	24	65,450	1,55,590	1,39,750	-	-	144	216	288	360	384	408	432	38.45	53.00	39%	4
67	30.0	29	76,240	1,76,810	1,61,250	-	-	174	261	348	435	464	493	522	38.65	53.50	38%	4
68	35.0	33	87,960	1,99,190	-	-	-	198	297	396	495	528	561	594	38.90	53.50	38%	4

Model : **HRS-080**

Outlet : **2.0” (50mm)**

Sr. No.	H.P.	Stg.	Price ₹				Discharge in LPM & m³/h in Operating Head Range In Metre								Over all Effi. % as per IS 8034/18	Falcon Max. Overall Effi. in%	More Result Compare to IS	Achieved Star as Per BEE Calcu.
			Pump Only	Pump Set With			LPM	240	215	190	175	160	135	120				
				Premium Motor	3-PC Motor	STD-DLX Motor	m³/h	14.40	12.90	11.40	10.50	9.60	8.10	7.20				
							ISI & Star	6	9	12	14	15.5	17.0	18				
69	03.0	4	14,270	43,960	43,280	40,060	ISI & 3	24	36	48	56	62	68	72	28.60	42.00	43%	5
70	05.0	6	18,120	52,150	51,700	46,790	ISI & 5	36	54	72	84	93	102	108	28.80	43.50	44%	5
71	06.0	8	22,030	59,940	59,710	52,630	ISI & 5	48	72	96	112	124	136	144	29.02	45.00	45%	5
72	07.5	10	26,010	68,890	68,290	60,930	ISI & 5	60	90	120	140	155	170	180	29.88	46.00	44%	5
73	10.0	13	33,410	84,320	81,860	72,680	ISI & 5	78	117	156	182	202	221	234	31.16	46.50	40%	5
74	12.5	15	40,240	99,660	95,100	86,010	ISI & 5	90	135	180	210	233	255	270	31.50	47.00	40%	5
75	15.0	18	46,420	1,12,930	1,04,670	95,710	ISI & 5	108	162	216	252	279	306	324	32.01	47.50	41%	5
76	17.5	21	57,570	1,30,060	1,20,540	-	ISI & 5	126	189	252	294	326	357	378	32.44	47.50	40%	5
77	20.0	24	63,990	1,43,540	1,33,410	-	ISI & 5	144	216	288	336	372	408	432	33.00	48.00	39%	4
78	25.0	28	72,510	1,62,650	1,46,810	-	-	168	252	336	392	434	476	504	33.70	48.00	39%	4
79	30.0	35	89,990	1,90,560	1,75,000	-	-	210	315	420	490	543	595	630	33.95	49.00	38%	4

V-6 HRS Submersible Pumpset (142mm Ø) Three Phase



S.S.304 grade (Non Magnetic) I.C. Bowls & S.S.304 Impeller with CED Coated Cast Iron Parts HRS Pumps

Suitable for 6.0" and above Dia. Borewell, 50Hz - 415 Volt. Three Phase.

Model : HRS-062

Outlet : 2.0" (50mm)

Sr. No.	H.P.	Stg.	Price ₹				Discharge in LPM & m ³ /h in Operating Head Range In Metre								Over all Effi. % as per IS 8034/18	Falcon Max. Overall Effi. in %	More Result Compare to IS	Achieved Star as Per BEE Calcu.
			Pump Only	Pump Set With			LPM	190	170	150	130	120	110	85				
				Premium Motor	3-PC Motor	STD-DLX Motor	m ³ /h	11.40	10.20	9.00	7.80	7.20	6.60	5.10				
							ISI & Star	6	9	12	14	15	16	18				
80	03.0	5	15,670	45,360	44,680	41,460	ISI	30	45	60	70	75	80	90	26.48	38.00	44%	5
81	05.0	8	21,130	55,160	54,710	49,800	ISI & 5	48	72	96	112	120	128	144	26.87	39.00	45%	5
82	06.0	10	24,890	62,800	62,570	55,490	ISI & 5	60	90	120	140	150	160	180	27.66	40.00	45%	5
83	07.5	12	30,150	73,030	72,430	65,070	ISI & 5	72	108	144	168	180	192	216	28.85	42.00	42%	5
84	07.5	13	31,960	74,840	74,240	66,880	ISI & 5	78	117	156	182	195	208	234	26.50	42.00	42%	5
85	10.0	16	40,350	91,260	88,800	79,620	ISI & 3	96	144	192	224	240	256	288	32.10	43.00	29%	3
86	12.5	19	46,210	1,05,630	1,01,070	91,980	ISI & 4	114	171	228	266	285	304	342	32.25	44.00	30%	4
87	15.0	23	58,840	1,25,350	1,17,090	1,08,130	ISI & 4	138	207	276	322	345	368	414	32.75	44.50	30%	4
88	17.5	27	66,820	1,39,310	1,29,790	-	-	162	243	324	378	405	432	486	32.80	44.50	31%	4
89	20.0	30	73,050	1,52,600	1,42,470	-	-	180	270	360	420	450	480	540	33.10	45.00	30%	4
90	25.0	36	87,830	1,77,970	1,62,130	-	-	216	324	432	504	540	576	648	33.45	45.00	29%	3

V-6 HRS Submersible Pumpset (142mm Ø) - Single Phase

A MACHINE FOR MAKING

S.S.304 grade (Non Magnetic) I.C. Bowls & S.S.304 Impeller with CED Coated Cast Iron Parts HRS Pumps
Suitable for 6.0" and above Dia. Borewell, 50Hz - 230 Volt. Single Phase.

Model : HRS-250

Outlet : 3.0" (75mm)

Sr. No.	H.P.	Stg.	Price ₹				Discharge in LPM & m³/h in Operating Head Range In Metre								Over all Effi. % as per IS 8034/18	Falcon Max. Overall Effi. in%	More Result Compare to IS	Achieved Star as Per BEE Calcu.
			Pump Only	Pump Set With			LPM	820	735	650	600	550	500	430				
				Premium Motor	3-PC Motor	STD-DLX Motor	m³/h	49.20	44.10	39.00	36.00	33.00	30.00	25.80				
							ISI	6	9	12	14	15	16	18				
1	05.0	2	13,460	52,280	51,220	42,830	-	12	18	24	28	30	32	36	36.50	49.50	36%	4
2	07.5	3	16,300	67,100	68,910	52,220	-	18	27	36	42	45	48	54	38.45	51.00	33%	4
3	10.0	4	18,880	75,460	79,320	-	-	24	36	48	56	60	64	72	39.00	52.50	35%	4

Model : HRS-200

Outlet : 2.5" (65mm)

Sr. No.	H.P.	Stg.	Price ₹				Discharge in LPM & m³/h in Operating Head Range In Metre								Over all Effi. % as per IS 8034/18	Falcon Max. Overall Effi. in%	More Result Compare to IS	Achieved Star as Per BEE Calcu.
			Pump Only	Pump Set With			LPM	650	590	515	480	415	360	315				
				Premium Motor	3-PC Motor	STD-DLX Motor	m³/h	39.00	35.40	30.90	28.80	24.90	21.60	18.90				
							ISI	6	9	12	14	15.5	17	18				
4	07.5	4	15,770	66,570	68,380	51,690	-	24	36	48	56	62	68	72	38.00	49.00	29%	3
5	10.0	5	18,090	74,670	78,530	-	-	30	45	60	70	78	85	90	38.50	50.00	30%	4

Model : HRS-175

Outlet : 2.5" (65mm)

Sr. No.	H.P.	Stg.	Price ₹				Discharge in LPM & m³/h in Operating Head Range In Metre								Over all Effi. % as per IS 8034/18	Falcon Max. Overall Effi. in%	More Result Compare to IS	Achieved Star as Per BEE Calcu.
			Pump Only	Pump Set With			LPM	550	500	430	370	330	300	250				
				Premium Motor	3-PC Motor	STD-DLX Motor	m³/h	33.00	30.00	25.80	22.20	19.80	18.00	15.00				
							ISI	6	9	12	15	16	17	18				
6	05.0	3	13,280	52,100	51,040	42,650	-	18	27	36	45	48	51	54	37.45	48.00	28%	3
7	10.0	6	20,120	76,700	80,560	-	-	36	54	72	90	96	102	108	38.25	49.50	27%	3

Model : HRS-150

Outlet : 2.5" (65mm)

Sr. No.	H.P.	Stg.	Price ₹				Discharge in LPM & m³/h in Operating Head Range In Metre								Over all Effi. % as per IS 8034/18	Falcon Max. Overall Effi. in%	More Result Compare to IS	Achieved Star as Per BEE Calcu.
			Pump Only	Pump Set With			LPM	490	450	390	330	300	270	230				
				Premium Motor	3-PC Motor	STD-DLX Motor	m³/h	29.40	27.00	23.40	19.80	18.00	16.20	13.80				
							ISI	6	9	12	15	16	17	18				
8	03.0	2	10,940	41,330	-	37,230	-	12	18	24	30	32	34	36	33.45	47.00	46%	5
9	07.5	5	17,450	68,250	70,060	53,370	-	30	45	60	75	80	85	90	36.50	48.50	40%	5
10	10.0	7	21,790	78,370	82,230	-	-	42	63	84	105	112	119	126	37.12	49.00	39%	4

V-6 HRS Submersible Pumpset (142mm Ø) - Single Phase

 Falcon
A MACHINE FOR MAKING

S.S.304 grade (Non Magnetic) I.C. Bowls & S.S.304 Impeller with CED Coated Cast Iron Parts HRS Pumps
Suitable for 6.0" and above Dia. Borewell, 50Hz - 230 Volt. Single Phase.

Model : **HRS-125**

Outlet : 2.5" (65mm)

Sr. No.	H.P.	Stg.	Price ₹				Discharge in LPM & m³/h in Operating Head Range In Metre								Over all Effi. % as per IS 8034/18	Falcon Max. Overall Effi. in%	More Result Compare to IS	Achieved Star as Per BEE Calcu.
			Pump Only	Pump Set With			LPM	400	370	325	280	260	230	210				
				Premium Motor	3-PC Motor	STD-DLX Motor	m³/h	24.00	22.20	19.50	16.80	15.60	13.80	12.60				
							ISI	6	9	12	15	16	17	18				
11	05.0	4	14,990	53,810	52,750	44,360	-	24	36	48	60	64	68	72	35.00	47.50	37%	4
12	07.5	6	19,350	70,150	71,960	55,270	-	36	54	72	90	96	102	108	36.74	48.00	33%	4
13	10.0	8	23,650	80,230	84,090	-	-	48	72	96	120	128	136	144	37.45	48.50	32%	4

Model : **HRS-110**

Outlet : 2.5" (65mm)

Sr. No.	H.P.	Stg.	Price ₹				Discharge in LPM & m³/h in Operating Head Range In Metre								Over all Effi. % as per IS 8034/18	Falcon Max. Overall Effi. in%	More Result Compare to IS	Achieved Star as Per BEE Calcu.
			Pump Only	Pump Set With			LPM	350	310	285	240	220	210	180				
				Premium Motor	3-PC Motor	STD-DLX Motor	m³/h	21.00	19.20	17.10	14.40	13.20	12.60	10.80				
							ISI	6	9	12	15	16	17	18				
14	07.5	7	20,960	71,760	73,570	56,880	-	42	63	84	105	112	119	126	36.40	47.00	29%	3

Model : **HRS-100**

Outlet : 2.0" (50mm)

Sr. No.	H.P.	Stg.	Price ₹				Discharge in LPM & m³/h in Operating Head Range In Metre								Over all Effi. % as per IS 8034/18	Falcon Max. Overall Effi. in%	More Result Compare to IS	Achieved Star as Per BEE Calcu.
			Pump Only	Pump Set With			LPM	330	285	250	210	200	180	165				
				Premium Motor	3-PC Motor	STD-DLX Motor	m³/h	19.80	17.10	15.00	12.60	12.00	10.80	9.90				
							ISI	6	9	12	15	16	17	18				
15	03.0	3	12,530	42,920	-	38,820	-	18	27	36	45	48	51	54	31.15	44.50	43%	5
16	05.0	5	16,430	55,250	54,190	45,800	-	30	45	60	75	80	85	90	32.00	45.00	41%	5
17	07.5	8	22,510	73,310	75,120	58,430	-	48	72	96	120	128	136	144	32.85	46.00	40%	5
18	10.0	10	26,610	83,190	87,050	-	-	60	90	120	150	160	170	180	33.40	47.00	41%	5

Model : **HRS-080**

Outlet : 2.0" (50mm)

Sr. No.	H.P.	Stg.	Price ₹				Discharge in LPM & m³/h in Operating Head Range In Metre								Over all Effi. % as per IS 8034/18	Falcon Max. Overall Effi. in%	More Result Compare to IS	Achieved Star as Per BEE Calcu.
			Pump Only	Pump Set With			LPM	240	215	190	175	160	135	120				
				Premium Motor	3-PC Motor	STD-DLX Motor	m³/h	14.40	12.90	11.40	10.50	9.60	8.10	7.20				
							ISI	6	9	12	14	15.5	17.0	18				
20	03.0	4	14,270	44,660	-	40,560	-	24	36	48	56	62	68	72	27.80	38.00	37%	4
21	05.0	6	18,120	56,940	55,880	47,490	-	36	54	72	84	93	102	108	29.45	39.00	32%	4
22	07.5	10	26,010	76,810	78,620	61,930	-	60	90	120	140	155	170	180	29.80	40.00	34%	4
23	10.0	13	33,410	89,990	93,850	-	-	78	117	156	182	202	221	234	30.10	41.00	36%	4

V-6 HRS Submersible Pumpset (142mm Ø) - Single Phase

 Falcon
A MACHINE FOR HARKING

S.S.304 grade (Non Magnetic) I.C. Bowls & S.S.304 Impeller with CED Coated Cast Iron Parts HRS Pumps
Suitable for 6.0" and above Dia. Borewell, 50Hz - 230 Volt. Single Phase.

Model : **HRS-062**

Outlet : 2.0” (50mm)

Sr. No.	H.P.	Stg.	Price ₹				Discharge in LPM & m³/h in Operating Head Range In Metre								Over all Effi. % as per IS 8034/18	Falcon Max. Overall Effi. in%	More Result Compare to IS	Achieved Star as Per BEE Calcu.
			Pump Only	Pump Set With			LPM	190	170	150	130	120	110	85				
				Premium Motor	3-PC Motor	STD-DLX Motor	m³/h	11.40	10.20	9.00	7.80	7.20	6.60	5.10				
							ISI	6	9	12	14	15	16	18				
24	03.0	5	15,670	46,060	-	41,960	-	30	45	60	70	75	80	90	25.25	33.00	31%	4
25	05.0	8	21,130	59,950	58,890	50,500	-	48	72	96	112	120	128	144	26.12	34.50	32%	4
26	07.5	12	30,150	80,950	82,760	66,070	-	72	108	144	168	180	192	216	27.12	36.00	33%	4
27	10.0	16	40,350	96,930	1,00,790	-	-	96	144	192	224	240	256	288	27.50	36.60	33%	4

V-6 HRS-CSP (100% Sand Proof) Pump with V-6 Motor

S.S.304 grade (Non Magnetic) I.C. Bowls & S.S.304 Impeller with CED Coated Cast Iron Parts HRS-CSP Pumps

Suitable for 6.0" and above Dia. Borewell, 50Hz - 415 Volt. Three Phase.

Model : HRS-200-CSP

Outlet : 3.0” (75mm)

Sr. No.	H.P.	Stg.	Price ₹				Discharge in LPM & m³/h in Operating Head Range In Metre								Over all Effi. % as per IS 8034/18	Falcon Max. Overall Effi. in%	More Result Compare to IS	Achieved Star as Per BEE Calcu.
			Pump Only	Pump Set With			LPM	700	650	580	520	480	420	380				
				Premium Motor	3-PC Motor	STD-DLX Motor	m³/h	42.00	39.00	34.80	31.20	28.80	25.20	22.80				
							ISI	6	8	10	12	13	14	15				
1	06.0	3	16,650	54,560	54,330	47,250	-	18	24	30	36	39	42	45	40.60	52.50	27%	3
2	07.5	4	19,550	62,430	61,830	54,470	-	24	32	40	48	52	56	60	42.34	53.00	23%	3
3	10.0	5	22,500	73,410	70,950	61,770	-	30	40	50	60	65	70	75	42.92	55.50	22%	3
4	12.5	6	25,510	84,930	80,370	71,280	-	36	48	60	72	78	84	90	43.50	56.00	22%	3
5	15.0	8	31,390	97,900	89,640	80,680	-	48	64	80	96	104	112	120	44.08	57.00	21%	3
6	17.5	9	34,510	1,07,000	97,480	-	-	54	72	90	108	117	126	135	44.66	57.50	21%	3
7	20.0	10	37,690	1,17,240	1,07,110	-	-	60	80	100	120	130	140	150	45.24	57.50	22%	3
8	25.0	12	46,590	1,36,730	1,20,890	-	-	72	96	120	144	156	168	180	45.82	58.00	21%	3
9	30.0	15	55,770	1,56,340	1,40,780	-	-	90	120	150	180	195	210	225	46.40	58.50	21%	3
10	35.0	17	62,150	1,73,380	-	-	-	102	136	170	204	221	238	255	46.40	58.50	22%	3

Model : HRS-150-CSP

Outlet : 2.5” (65mm)

Sr. No.	H.P.	Stg.	Price ₹				Discharge in LPM & m ³ /h in Operating Head Range In Metre								Over all Effi. % as per IS 8034/18	Falcon Max. Overall Effi. in%	More Result Compare to IS	Achieved Star as Per BEE Calcu.
			Pump Only	Pump Set With			LPM	550	515	475	425	390	350	300				
				Premium Motor	3-PC Motor	STD-DLX Motor	m ³ /h	33.00	30.90	28.50	25.50	23.40	21.00	18.00				
							ISI	6	8	10	12	13	14	15				
11	03.0	2	11,440	41,130	40,450	37,230	-	12	16	20	24	26	28	30	38.19	51.50	35%	4
12	05.0	3	13,830	47,860	47,410	42,500	-	18	24	30	36	39	42	45	38.76	51.00	32%	4
13	06.0	4	16,260	54,170	53,940	46,860	-	24	32	40	48	52	56	60	39.90	52.00	30%	4
14	07.5	5	18,740	61,620	61,020	53,660	-	30	40	50	60	65	70	75	41.61	52.50	32%	4
15	10.0	7	23,610	74,520	72,060	62,880	-	42	56	70	84	91	98	105	42.18	55.00	30%	4
16	12.5	8	26,190	85,610	81,050	71,960	-	48	64	80	96	104	112	120	42.32	55.50	30%	4
17	15.0	10	31,200	97,710	89,450	80,490	-	60	80	100	120	130	140	150	43.32	56.50	30%	4
18	17.5	12	40,500	1,12,990	1,03,470	-	-	72	96	120	144	156	168	180	43.89	57.00	30%	4
19	20.0	14	45,720	1,25,270	1,15,140	-	-	84	112	140	168	182	196	210	44.46	57.00	28%	3
20	25.0	17	53,470	1,43,610	1,27,770	-	-	102	136	170	204	221	238	255	45.03	57.50	28%	3
21	30.0	20	64,150	1,64,720	1,49,160	-	-	120	160	200	240	260	280	300	45.60	58.00	27%	3
22	35.0	22	71,900	1,83,130	-	-	-	132	176	220	264	286	308	330	45.60	58.50	28%	3

V-6 HRS-CSP (100% Sand Proof) Pump with V-6 Motor



S.S.304 grade (Non Magnetic) I.C. Bowls & S.S.304 Impeller with CED Coated Cast Iron Parts HRS-CSP Pumps

Suitable for 6.0" and above Dia. Borewell, 50Hz - 415 Volt. Three Phase.

Model : HRS-125-CSP

Outlet : 2.5" (65mm)

Sr. No.	H.P.	Stg.	Price ₹				Discharge in LPM & m ³ /h in Operating Head Range In Metre								Over all Effi. % as per IS 8034/18	Falcon Max. Overall Effi. in %	More Result Compare to IS	Achieved Star as Per BEE Calcu.
			Pump Only	Pump Set With			LPM	460	430	390	350	320	280	250				
				Premium Motor	3-PC Motor	STD-DLX Motor	m ³ /h	27.60	25.80	23.40	21.00	19.20	16.80	15.00				
							ISI	6	8	10	12	13	14	15				
23	05.0	4	15,880	49,910	49,460	44,550	-	24	32	40	48	52	56	60	38.08	51.50	35%	4
24	06.0	5	18,270	56,180	55,950	48,870	-	30	40	50	60	65	70	75	39.20	52.00	33%	4
25	07.5	6	20,710	63,590	62,990	55,630	-	36	48	60	72	78	84	90	40.88	52.00	30%	4
26	10.0	8	25,470	76,380	73,920	64,740	-	48	64	80	96	104	112	120	41.44	54.00	30%	4
27	12.5	10	30,310	89,730	85,170	76,080	-	60	80	100	120	130	140	150	42.00	54.50	30%	4
28	15.0	12	36,700	1,03,210	94,950	85,990	-	72	96	120	144	156	168	180	42.56	55.50	30%	4
29	17.5	14	44,450	1,16,940	1,07,420	-	-	84	112	140	168	182	196	210	43.12	56.00	30%	4
30	20.0	16	49,570	1,29,120	1,18,990	-	-	96	128	160	192	208	224	240	43.68	56.80	30%	4
31	25.0	20	62,330	1,52,470	1,36,630	-	-	120	160	200	240	260	280	300	44.24	57.00	29%	3
32	30.0	24	74,690	1,75,260	1,59,700	-	-	144	192	240	288	312	336	360	44.80	57.50	28%	3
33	35.0	26	80,180	1,91,410	-	-	-	156	208	260	312	338	364	390	44.80	58.00	29%	3

Model : HRS-100-CSP

Outlet : 2.5" (65mm)

Sr. No.	H.P.	Stg.	Price ₹				Discharge in LPM & m ³ /h in Operating Head Range In Metre								Over all Effi. % as per IS 8034/18	Falcon Max. Overall Effi. in %	More Result Compare to IS	Achieved Star as Per BEE Calcu.
			Pump Only	Pump Set With			LPM	340	310	290	260	230	200	180				
				Premium Motor	3-PC Motor	STD-DLX Motor	m ³ /h	20.40	18.60	17.40	15.60	13.80	12.00	10.80				
							ISI	6	8	10	12	13	14	15				
34	03.0	3	13,370	43,060	42,380	39,160	-	18	24	30	36	39	42	45	35.51	47.00	32%	4
35	05.0	5	17,840	51,870	51,420	46,510	-	30	40	50	60	65	70	75	36.04	49.00	36%	4
36	06.0	6	20,200	58,110	57,880	50,800	-	36	48	60	72	78	84	90	37.10	49.50	33%	4
37	07.5	8	24,810	67,690	67,090	59,730	-	48	64	80	96	104	112	120	38.69	50.00	32%	4
38	10.0	10	29,490	80,400	77,940	68,760	-	60	80	100	120	130	140	150	39.22	51.50	31%	4
39	12.5	12	35,720	95,140	90,580	81,490	-	72	96	120	144	156	168	180	39.75	52.00	31%	4
40	15.0	15	45,550	1,12,060	1,03,800	94,840	-	90	120	150	180	195	210	225	40.28	52.50	30%	4
41	17.5	18	52,830	1,25,320	1,15,800	-	-	108	144	180	216	234	252	270	40.81	53.00	30%	4
42	20.0	20	57,910	1,37,460	1,27,330	-	-	120	160	200	240	260	280	300	41.34	52.00	26%	3
43	25.0	24	72,690	1,62,830	1,46,990	-	-	144	192	240	288	312	336	360	41.87	52.00	24%	3
44	30.0	29	85,060	1,85,630	1,70,070	-	-	174	232	290	348	377	406	435	42.40	52.00	23%	3
45	35.0	33	98,080	2,09,310	-	-	-	198	264	330	396	429	462	495	42.40	52.00	23%	3

V-6 HRS-CSP (100% Sand Proof) Pump with V-6 Motor



S.S.304 grade (Non Magnetic) I.C. Bowls & S.S.304 Impeller with CED Coated Cast Iron Parts HRS-CSP Pumps

Suitable for 6.0" and above Dia. Borewell, 50Hz - 415 Volt. Three Phase.

Model : HRS-080-CSP

Outlet : 2.0" (50mm)

Sr. No.	H.P.	Stg.	Price ₹				Discharge in LPM & m ³ /h in Operating Head Range In Metre								Over all Effi. % as per IS 8034/18	Falcon Max. Overall Effi. in%	More Result Compare to IS	Achieved Star as Per BEE Calcu.
			Pump Only	Pump Set With			LPM	290	270	250	220	205	185	160				
				Premium Motor	3-PC Motor	STD-DLX Motor	m ³ /h	17.40	16.20	15.00	13.20	12.30	11.10	9.60				
							ISI	6	8	10	12	13	14	15				
46	03.0	4	15,100	44,790	44,110	40,890	-	24	32	40	48	52	56	60	34.17	46.00	35%	4
47	05.0	6	19,370	53,400	52,950	48,040	-	36	48	60	72	78	84	90	34.68	48.00	38%	4
48	06.0	8	23,720	61,630	61,400	54,320	-	48	64	80	96	104	112	120	35.70	48.50	36%	4
49	07.5	10	28,140	71,020	70,420	63,060	-	60	80	100	120	130	140	150	37.23	49.00	32%	4
50	10.0	13	36,210	87,120	84,660	75,480	-	78	104	130	156	169	182	195	37.74	49.50	31%	4
51	12.5	15	43,490	1,02,910	98,350	89,260	-	90	120	150	180	195	210	225	38.25	50.00	31%	4
52	15.0	18	50,350	1,16,860	1,08,600	99,640	-	108	144	180	216	234	252	270	38.76	50.50	30%	4
53	17.5	21	62,200	1,34,690	1,25,170	-	-	126	168	210	252	273	294	315	39.27	51.00	30%	4
54	20.0	24	69,330	1,48,880	1,38,750	-	-	144	192	240	288	312	336	360	39.78	51.00	28%	3
55	25.0	28	78,800	1,68,940	1,53,100	-	-	168	224	280	336	364	392	420	40.29	51.00	27%	3
56	30.0	35	97,910	1,98,480	1,82,920	-	-	210	280	350	420	455	490	525	40.80	51.00	25%	3

Model : HRS-062-CSP

Outlet : 2.0" (50mm)

Sr. No.	H.P.	Stg.	Price ₹				Discharge in LPM & m³/h in Operating Head Range In Metre								Over all Effi. % as per IS 8034/18	Falcon Max. Overall Effi. in%	More Result Compare to IS	Achieved Star as Per BEE Calcu.
			Pump Only	Pump Set With			LPM	200	190	180	160	150	130	110				
				Premium Motor	3-PC Motor	STD-DLX Motor	m³/h	12.00	11.40	10.80	09.60	09.00	07.80	6.60				
							ISI	6	8	10	12	13	14	15				
57	03.0	5	16,940	46,630	45,950	42,730	-	30	40	50	60	65	70	75	32.16	42.00	31%	4
58	05.0	8	23,160	57,190	56,740	51,830	-	48	64	80	96	104	112	120	32.64	43.00	32%	4
59	06.0	10	27,460	65,370	65,140	58,060	-	60	80	100	120	130	140	120	33.60	44.50	32%	4
60	07.5	12	33,260	76,140	75,540	68,180	-	72	96	120	144	156	164	180	35.04	48.00	30%	4
51	10.0	16	44,530	95,440	92,980	83,800	-	96	128	160	192	208	224	240	35.52	45.50	28%	3
62	12.5	19	51,220	1,10,640	1,06,080	96,990	-	114	152	190	228	247	266	285	36.00	46.00	28%	3
53	15.0	23	64,960	1,31,470	1,23,210	1,14,250	-	138	184	230	276	299	322	345	36.48	46.00	26%	3
64	17.5	27	74,060	1,46,550	1,37,030	-	-	162	216	270	324	351	378	405	36.96	46.50	26%	3
65	20.0	30	81,160	1,60,710	1,50,580	-	-	180	240	300	360	290	420	450	37.44	47.00	26%	3
66	25.0	36	97,660	1,87,800	1,71,960	-	-	216	288	360	432	468	504	540	37.92	47.00	24%	3

V-6 HRS Pump with V-8 Deluxe Motor Three Phase (Janta - High Heads)



S.S.304 grade (Non Magnetic) I.C. Bowls & S.S.304 Impeller with CED Coated Cast Iron Parts HRS Pumps

Suitable for 8.0" and above Dia. Borewell, 50Hz - 415 Volt. Three Phase.

Model : HRS-250

Outlet : 3.0" (75mm)

Sr. No.	H.P.	Stg.	Price ₹		Discharge in LPM & m³/h in Operating Head Range In Metre								Over all Effi. % as per IS 8034/18	Falcon Max. Overall Effi. in%	More Result Compare to IS	Achieved Star as Per BEE Calcu.
			Pump Only	Pump Set	LPM	820	735	650	600	550	500	430				
					m³/h	49.20	44.10	39.00	36.00	33.00	30.00	25.80				
						6	9	12	14	15	16	18				
1	30.0	12	45,840	1,46,040	-	72	108	144	168	192	204	216	48.00	60.50	26%	3
2	35.0	14	51,820	1,60,350	-	84	126	168	196	224	238	252	48.60	60.50	24%	3
3	42.0	16	57,410	1,74,860	-	96	144	192	224	256	272	288	48.60	61.00	26%	3
4	50.0	20	72,030	2,03,570	-	120	180	240	280	320	340	360	49.20	61.50	25%	3

Model : HRS-200

Outlet : 2.5" (65mm)

Sr. No.	H.P.	Stg.	Price ₹		Discharge in LPM & m³/h in Operating Head Range In Metre								Over all Effi. % as per IS 8034/18	Falcon Max. Overall Effi. in%	More Result Compare to IS	Achieved Star as Per BEE Calcu.
			Pump Only	Pump Set	LPM	650	590	515	480	415	360	315				
					m³/h	39.00	35.40	30.90	28.80	24.90	21.60	18.90				
						6	9	12	14	15.5	17	18				
5	25.0	13	42,030	1,34,160	-	78	117	156	182	202	221	234	45.60	57.50	26%	3
6	30.0	15	47,390	1,47,590	-	90	135	180	210	233	255	270	45.60	57.50	24%	3
7	35.0	18	54,810	1,63,340	-	108	162	216	252	279	306	324	46.17	58.00	26%	3
8	42.0	21	64,670	1,82,120	-	126	189	252	294	326	357	378	46.17	59.00	28%	3
9	50.0	25	74,650	2,06,190	-	150	225	300	350	388	425	450	46.74	59.00	27%	3

Model : HRS-175

Outlet : 2.5" (65mm)

Sr. No.	H.P.	Stg.	Price ₹		Discharge in LPM & m³/h in Operating Head Range In Metre								Over all Effi. % as per IS 8034/18	Falcon Max. Overall Effi. in%	More Result Compare to IS	Achieved Star as Per BEE Calcu.
			Pump Only	Pump Set	LPM	550	500	430	370	330	300	250				
					m³/h	33.00	30.00	25.80	22.20	19.80	18.00	15.00				
						6	9	12	15	16	17	18				
10	20.0	12	36,010	1,26,350	-	72	108	144	180	192	204	216	44.80	57.00	27%	3
11	25.0	15	46,170	1,38,300	-	90	135	180	225	240	255	270	44.80	57.00	27%	3
12	30.0	17	51,540	1,51,740	-	102	153	204	255	272	289	306	44.80	57.50	28%	3
13	35.0	20	61,750	1,70,280	-	120	180	240	300	320	340	360	45.36	58.00	28%	3

V-6 HRS Pump with V-8 Deluxe Motor Three Phase (Janta - High Heads)

S.S.304 grade (Non Magnetic) I.C. Bowls & S.S.304 Impeller with CED Coated Cast Iron Parts HRS Pumps

Suitable for 8.0" and above Dia. Borewell, 50Hz - 415 Volt. Three Phase.

Model : **HRS-150**

Outlet : 2.5” (65mm)

Sr. No.	H.P.	Stg.	Price ₹		Discharge in LPM & m/h in Operating Head Range In Metre								Over all Effi. % as per IS 8034/18	Falcon Max. Overall Effi. in%	More Result Compare to IS	Achieved Star as Per BEE Calcu.
			Pump Only	Pump Set	LPM	490	450	390	330	300	270	230				
					m/h	29.40	27.00	23.40	19.80	18.00	16.20	13.80				
						6	9	12	15	16	17	18				
14	20.0	14	42,170	1,32,510	-	84	126	168	210	224	238	252	45.60	57.50	26%	3
15	25.0	17	49,440	1,41,570	-	102	153	204	255	272	289	306	45.60	58.00	27%	3
16	30.0	20	56,930	1,57,130	-	120	180	240	300	320	340	360	44.80	58.50	28%	3
17	35.0	23	66,960	1,75,490	-	138	207	276	345	368	391	414	46.17	59.00	28%	3

Model : **HRS-125**

Outlet : 2.5” (65mm)

Sr. No.	H.P.	Stg.	Price ₹		Discharge in LPM & m/h in Operating Head Range In Metre								Over all Effi. % as per IS 8034/18	Falcon Max. Overall Effi. in%	More Result Compare to IS	Achieved Star as Per BEE Calcu.
			Pump Only	Pump Set	LPM	400	370	325	280	260	230	210				
					m/h	24.00	22.20	19.50	16.80	15.60	13.80	12.60				
						6	9	12	15	16	17	18				
18	20.0	16	45,980	1,36,320	-	96	144	192	240	256	272	288	38.65	54.00	40%	5
19	25.0	20	58,160	1,50,290	-	120	180	240	300	320	340	360	40.29	54.00	34%	4
20	30.0	24	67,900	1,68,100	-	144	216	288	360	384	408	432	40.80	54.00	32%	4
21	35.0	28	77,290	1,85,820	-	168	252	336	420	448	476	504	41.06	54.00	32%	4

V-6 HRS / V-6 HRS-CSP Pumps



S.S.304 grade (Non Magnetic) I.C. Bowls & S.S.304 Impeller with CED Coated Cast Iron Parts HRS Pumps

V-6 HRS Bowlset (Stage) Performance Data

Sr. No.	MODEL	Bowl Length in mm	Installation Head Range (Uniform Output) Head in Mtr. Min. - Max.	Discharge in Head Range LPM to LPM
1	HRS-250	54	12 - 18	650 - 430
2	HRS-200	42	12 - 18	515 - 315
3	HRS-175	40	12 - 18	430 - 250
4	HRS-150	38	12 - 18	390 - 250
5	HRS-125	36	12 - 18	325 - 210
6	HRS-110	34	12 - 18	285 - 180
7	HRS-100	33	12 - 18	250 - 165
8	HRS-080	30	12 - 18	190 - 120
9	HRS-062	28	12 - 18	150 - 85

Extra Charges of S.S Parts Instead of C.I Parts (V6-Premium & HRS)	MRP Rs.
S.S Suction & Outlet of Pumps	5,400
S.S Housings, Base & Connection Piece of Motor	9,100
Extra Charge for Fully S.S Pumpset (Motor & Pump)	14,500

V-6 HRS-CSP Bowlset (Stage) Performance Data

Sr. No.	MODEL	Bowl Length in mm	Installation Head Range (Uniform Output) Head in Mtr. Min - Max	Discharge in Head Range LPM to LPM
1	HRS-200-CSP	54	10 - 15	580 - 380
2	HRS-150-CSP	42	10 - 15	475 - 300
3	HRS-125-CSP	40	10 - 15	390 - 250
4	HRS-100-CSP	36	10 - 15	290 - 180
5	HRS-080-CSP	33	10 - 15	250 - 160
6	HRS-062-CSP	30	10 - 15	180 - 110



HRS Series Bowlset



HRS CSP Series Bowlset

V6 Sereis Three Phase Water Filled Motor Price ₹

H.P.	Copper Rotor Premium	Copper Rotor Three Piece	Alu. Rotor Std.Dlx
03.0	29,690	29,010	25,790
05.0	34,030	33,580	28,670
06.0	37,910	37,680	30,600
07.5	42,880	42,280	34,920
10.0	50,910	48,450	39,270
12.5	59,420	54,860	45,770
15.0	66,510	58,250	49,290
17.5	72,490	62,970	-
20.0	79,550	69,420	-
25.0	90,140	74,300	-
30.0	1,00,570	85,010	-
35.0	1,11,230	-	-

V6 Sereis Single Phase Water Filled Motor Price ₹

H.P.	Copper Rotor Premium	Copper Rotor Three Piece	Alu. Rotor Std.Dlx
03.0	30,390	-	26,290
05.0	38,820	37,760	29,370
07.5	50,800	52,610	35,920
10.0	56,580	60,440	-

V-8 180Ø Deluxe Motor

H.P.	Price ₹
20.0	90,340
25.0	92,130
30.0	1,00,200
35.0	1,08,530
42.0	1,17,450
50.0	1,31,540

V-7 FMQ Pump with V6-Motor (Janta) - Three Phase



Cast Iron Bowls & S.S.410 Impeller with CED Coated Cast Iron Parts FMQ Pumps
Suitable for 7.0" and above Dia. Borewell, 50Hz - 415 Volt. Three Phase.

Model : FMQ-600

Outlet : 4.0" (100mm)

Sr. No.	H.P.	Stg.	Price ₹				Discharge in LPM & m³/h in Operating Head Range In Metre							Over all Effi. % as per IS 8034/18	Falcon Max. Overall Effi. in%	More Result Compare to IS
			Pump Only	Pump Set With			LPM	2000	1800	1710	1650	1590	1300			
				Premium Motor	3-PC Motor	STD-DLX Motor	m/h	120.0	108.0	102.6	99.0	95.4	78.0			
							6	8	10	11	12	13				
1	06.0	1	7,960	45,870	45,640	38,560	Total Head In Metre	6	8	10	11	12	13	48.50	49.00	-
2	12.5	2	11,490	70,910	66,350	57,260		12	16	20	22	24	26	51.75	54.00	-
3	17.5	3	15,220	87,710	78,190	-		18	24	30	33	36	39	52.00	55.50	-
4	25.0	4	18,900	1,09,040	93,200	-		24	32	40	44	48	52	52.50	57.50	-

Model : FMQ-500

Outlet : 4.0" (100mm)

Sr. No.	H.P.	Stg.	Price ₹				Discharge in LPM & m³/h in Operating Head Range In Metre							Over all Effi. % as per IS 8034/18	Falcon Max. Overall Effi. in%	More Result Compare to IS
			Pump Only	Pump Set With			LPM	1900	1750	1600	1580	1370	1170			
				Premium Motor	3-PC Motor	STD-DLX Motor	m³/h	114.0	105.0	96.0	94.8	82.2	70.2			
								6	8	10	11	12	13			
5	10.0	2	11,490	62,400	59,940	50,760	Total Head In Metre	12	16	20	22	24	26	50.18	52.00	-
6	15.0	3	15,080	81,590	73,330	64,370		18	24	30	33	36	39	50.40	55.00	-
7	20.0	4	18,900	98,450	88,320	-		24	32	40	44	48	52	52.25	56.00	-
8	25.0	5	22,450	1,12,590	96,750	-		30	40	50	55	60	65	53.00	57.00	-

Model : FMQ-400

Outlet : 4.0" (100mm)

Sr. No.	H.P.	Stg.	Price ₹				Discharge in LPM & m³/h in Operating Head Range In Metre							Over all Effi. % as per IS 8034/18	Falcon Max. Overall Effi. in%	More Result Compare to IS
			Pump Only	Pump Set With			LPM	1600	1500	1400	1260	1100	1000			
				Premium Motor	3-PC Motor	STD-DLX Motor	m/h	96.0	90.0	84.0	75.6	66.0	60.0			
							6	8	10	11	12	13				
9	07.5	2	11,380	54,260	53,660	46,300	Total Head In Metre	12	16	20	22	24	26	50.00	51.00	2%
10	12.5	3	14,940	74,360	69,800	60,710		18	24	30	33	36	39	52.36	53.00	2%
11	15.0	4	18,570	85,080	76,820	67,860		24	32	40	44	48	52	53.04	54.00	2%
12	17.5	5	22,250	94,740	85,220	-		30	40	50	55	60	65	53.72	54.50	1%
13	20.0	5	22,450	1,02,000	91,870	-		30	40	50	55	60	65	54.40	55.00	1%
14	25.0	6	26,000	1,16,140	1,00,300	-		36	48	60	66	72	78	54.40	56.00	2%

Model : FMQ-330

Outlet : 4.0" (100mm)

Sr. No.	H.P.	Stg.	Price ₹				Discharge in LPM & m³/h in Operating Head Range In Metre							Over all Effi. % as per IS 8034/18	Falcon Max. Overall Effi. in%	More Result Compare to IS
			Pump Only	Pump Set With			LPM	1440	1320	1170	1060	900	750			
				Premium Motor	3-PC Motor	STD-DLX Motor	m/h	86.4	79.2	70.2	63.6	54.0	45.0			
								6	8	10	11	12	13			
15	06.0	2	11,380	49,290	49,060	41,980	Total Head In Metre	12	16	20	22	24	26	48.24	50.00	4%
16	10.0	3	14,940	65,850	63,390	54,210		18	24	30	33	36	39	50.92	51.00	7%
17	12.5	4	18,400	77,820	73,260	64,170		24	32	40	44	48	52	51.59	52.00	7%
18	15.0	5	22,050	88,560	80,300	71,340		30	40	50	55	60	65	52.26	53.00	6%
19	20.0	6	26,000	1,05,550	95,420	-		36	48	60	66	72	78	53.60	54.00	4%

V-7 FMQ Pump with V6-Motor (Janta) - Three Phase



Cast Iron Bowls & S.S.410 Impeller with CED Coated Cast Iron Parts FMQ Pumps
Suitable for 7.0" and above Dia. Borewell, 50Hz - 415 Volt. Three Phase.

Model : FMQ-250 Outlet : 3.0" (75mm)

Sr. No.	H.P.	Stg.	Price ₹				Discharge in LPM & m³/h in Operating Head Range In Metre							Over all Effi. % as per IS 8034/18	Falcon Max. Overall Effi. in%	More Result Compare to IS
			Pump Only	Pump Set With			LPM	1315	1170	980	860	720	550			
				Premium Motor	3-PC Motor	STD-DLX Motor	m/h	78.9	70.2	58.8	51.6	43.2	33.0			
							6	8	10	11	12	13				
20	05.0	2	11,280	45,310	44,860	39,950	Total Head In Metre	12	16	20	22	24	26	46.90	47.00	2%
21	07.5	3	14,810	57,690	57,090	49,730		18	24	30	33	36	39	50.25	49.00	4%
22	10.0	4	18,400	69,310	66,850	57,670		24	32	40	44	48	52	50.92	50.00	4%
23	12.5	5	21,850	81,270	76,710	67,620		30	40	50	55	60	65	51.59	51.00	4%
24	15.0	6	25,540	92,050	83,790	74,830		36	48	60	66	72	78	52.26	52.00	3%
25	17.5	7	29,290	1,01,780	92,260	-		42	56	70	77	84	91	52.26	53.00	3%

V-7 FMQ Bowlset (Stage) Performance Data				
Sr. No.	MODEL	Bowl Length in mm	Installation Head Range Head in Mtr. Min. - Max.	Discharge in Head Range LPM to LPM
1	FMQ-600	120	8 - 12	1800 - 1590
2	FMQ-500	120	8 - 12	1750 - 1370
3	FMQ-400	120	8 - 12	1500 - 1100
4	FMQ-330	120	8 - 12	1320 - 900
5	FMQ-250	120	8 - 12	1170 - 720



FMQ Series Bowlset

V6 Sereis Three Phase Water Filled Motor			
Price ₹			
H.P.	Copper Rotor	Copper Rotor	Alu. Rotor
	Premium	Three Piece	Std.Dlx
03.0	29,690	29,010	25,790
05.0	34,030	33,580	28,670
06.0	37,910	37,680	30,600
07.5	42,880	42,280	34,920
10.0	50,910	48,450	39,270
12.5	59,420	54,860	45,770
15.0	66,510	58,250	49,290
17.5	72,490	62,970	-
20.0	79,550	69,420	-
25.0	90,140	74,300	-
30.0	1,00,570	85,010	-
35.0	1,11,230	-	-



V7/V6 FMQ JANTA

V-8 URC Pump with V-8 Deluxe Motor (184mm Ø)



Cast Iron Bowls & S.S.410 Impeller with CED Coated Cast Iron Parts. V8 URC Pumps
Suitable for 8.0" and above Dia. Borewell, 50Hz - 415 Volt. Three Phase.

Model : URC-500

Outlet : 3.0" (75mm)

Sr. No.	H.P.	Stg.	Price ₹			Discharge in LPM & m/h in Operating Head Range In Metre						Over all Effi. % as per IS 8034/18	Falcon Max. Overall Effi. in%	More Result Compare to IS	
			Pump Only	Pumpset (172Ø Motor)	Pumpset (180Ø Motor)	LPM	1020	960	870	800	720				570
						m/h	61.20	57.60	52.20	48.00	43.20				34.20
							13	15	17	18	19	20			
1	15.0	03	15,310	94,690	95,410	Total Head In Metre	39	45	51	54	57	60	46.36	53.50	64
2	20.0	04	17,530	1,07,050	1,07,870		52	60	68	72	76	80	47.58	54.00	64
3	25.0	05	19,940	1,22,420	1,12,070		65	75	85	90	95	100	48.19	54.50	64
4	30.0	06	22,180	1,33,670	1,22,380		78	90	102	108	114	120	48.80	55.00	64
5	35.0	07	24,640	1,45,400	1,33,170		91	105	119	126	133	140	48.80	55.50	64
6	42.0	08	26,910	1,61,380	1,44,360		104	120	136	144	152	160	49.41	56.00	64
7	45.0	09	29,430	-	1,50,360		117	135	153	162	171	180	49.41	56.50	64
8	50.0	10	31,720	1,79,490	1,63,260		130	150	170	180	190	200	50.02	56.80	64
9	50.0	11	34,310	1,82,080	1,65,850		143	165	187	198	209	220	50.30	57.00	64
10	60.0	12	36,620	-	1,79,310		156	180	204	216	228	240	50.40	57.30	64
11	60.0	13	39,270	-	1,81,960		169	195	221	234	247	260	50.80	57.70	64
12	75.0	14	41,590	-	2,26,800		182	210	238	252	266	280	51.00	57.70	64
13	75.0	15	44,310	-	2,29,520		195	225	255	270	285	300	51.20	57.80	64
14	85.0	17	49,430	-	2,47,920		221	255	289	306	323	340	51.20	58.00	64

Model : URC-400

Outlet : 3.0" (75mm)

Sr. No.	H.P.	Stg.	Price ₹			Discharge in LPM & m/h in Operating Head Range In Metre						Over all Effi. % as per IS 8034/18	Falcon Max. Overall Effi. in%	More Result Compare to IS	
			Pump Only	Pumpset (172Ø Motor)	Pumpset (180Ø Motor)	LPM	900	780	705	660	600				510
						m/h	54.00	46.80	42.30	39.60	36.00				30.60
							13	15	17	18	19	20			
15	15.0	04	17,530	96,910	97,630	Total Head In Metre	52	60	68	72	76	80	46.36	53.00	63
16	20.0	05	19,940	1,09,460	1,10,280		65	75	85	90	95	100	47.58	53.50	63
17	25.0	06	22,180	1,24,660	1,14,310		78	90	102	108	114	120	48.19	54.00	63
18	30.0	07	24,640	1,36,130	1,24,840		91	105	119	126	133	140	48.80	54.50	63
19	30.0	08	26,910	1,38,400	1,27,110		104	120	136	144	152	160	48.80	54.50	63
20	35.0	09	29,430	1,50,190	1,37,960		117	135	153	162	171	180	48.80	55.00	63
21	42.0	10	31,720	1,66,190	1,49,170		130	150	170	180	190	200	48.80	55.00	63
22	45.0	11	34,310	-	1,55,240		143	165	187	198	209	220	49.41	55.00	63
23	50.0	12	36,620	1,84,390	1,68,160		156	180	204	216	228	240	50.02	55.50	63
24	50.0	13	39,270	1,87,040	1,70,810		169	195	221	234	247	260	50.02	55.50	63
25	60.0	15	44,310	-	1,87,000		195	225	255	270	285	300	50.30	56.00	63
26	60.0	16	46,660	-	1,89,350		208	240	272	288	304	320	50.30	56.00	63
27	75.0	18	52,250	-	2,37,460		234	270	306	324	342	360	50.80	56.50	63
28	75.0	19	54,640	-	2,39,850		247	285	323	342	361	380	50.80	56.50	63

Model : URC-350

Outlet : 3.0" (75mm)

Sr. No.	H.P.	Stg.	Price ₹			Discharge in LPM & m/h in Operating Head Range In Metre						Over all Effi. % as per IS 8034/18	Falcon Max. Overall Effi. in%	More Result Compare to IS	
			Pump Only	Pumpset (172Ø Motor)	Pumpset (180Ø Motor)	LPM	850	760	680	650	560				480
						m/h	51.00	45.60	40.80	39.00	33.60				28.80
							13	15	17	18	19	20			
29	15.0	04	16,650	96,030	96,750	Total Head In Metre	52	60	68	72	76	80	46.36	53.00	63
30	20.0	06	20,850	1,10,370	1,11,190		78	90	102	108	144	120	47.58	53.50	63
31	25.0	07	23,080	1,25,560	1,15,210		91	105	119	126	133	140	48.19	54.00	63
32	30.0	08	25,110	1,36,600	1,25,310		104	120	136	144	152	160	48.80	54.50	63
33	30.0	09	27,400	1,38,890	1,27,600		117	135	153	162	171	180	48.80	54.50	63
34	35.0	10	29,460	1,50,220	1,37,990		130	150	170	180	190	200	48.80	55.00	63
35	42.0	11	31,800	1,66,270	1,49,250		143	165	187	198	209	220	48.80	55.00	63
36	42.0	12	33,880	1,68,350	1,51,330		156	180	204	216	228	240	49.91	55.00	63
37	50.0	15	40,830	1,88,600	1,72,370		195	225	255	270	285	300	50.02	55.50	63
38	50.0	16	42,940	1,90,710	1,74,480		208	240	272	288	304	320	50.02	55.50	63
39	60.0	17	45,450	-	1,88,140		221	255	289	306	323	340	50.30	56.00	63
40	60.0	18	48,000	-	1,90,690		234	270	306	324	342	360	50.30	56.00	63

V-8 URC Pump with V-8 Deluxe Motor (184mm Ø)



Cast Iron Bowls & S.S.410 Impeller with CED Coated Cast Iron Parts. V8 URC Pumps
Suitable for 8.0" and above Dia. Borewell, 50Hz - 415 Volt. Three Phase.

Model : URC-300

Outlet : 3.0" (75mm)

Sr. No.	H.P.	Stg.	Price ₹			Discharge in LPM & m/h in Operating Head Range In Metre						Over all Effi. % as per IS 8034/18	Falcon Max. Overall Effi. in %	More Result Compare to IS	
			Pump Only	Pumpset (172Ø Motor)	Pumpset (180Ø Motor)	LPM	800	720	620	600	405				360
						m/h	48.00	43.20	37.20	36.00	24.30				21.60
							13	15	17	18	19	20			
41	15.0	05	18,820	98,200	98,920	Total Head In Metre	65	75	85	90	95	100	44.84	50.00	62
42	20.0	07	23,080	1,12,600	1,13,420		91	105	119	126	133	140	46.02	51.00	62
43	25.0	08	25,110	1,27,590	1,17,240		104	120	136	144	152	160	46.61	51.50	62
44	30.0	10	29,460	1,40,950	1,29,660		130	150	170	180	190	200	47.20	52.00	62
45	30.0	11	31,800	1,43,290	1,32,000		143	165	187	198	209	220	47.20	52.00	62
46	35.0	12	33,880	1,54,640	1,42,410		156	180	204	216	228	240	47.20	52.50	62
47	42.0	13	36,280	1,70,750	1,53,730		169	195	221	234	247	260	47.79	53.00	62
48	42.0	14	38,370	1,72,840	1,55,820		182	210	238	252	266	280	47.79	53.00	62
49	50.0	16	42,940	1,90,710	1,74,480		208	240	272	288	304	320	48.00	53.20	62
50	50.0	17	45,450	1,93,220	1,76,990		221	255	289	306	323	340	48.00	53.20	62
51	60.0	19	50,150	-	1,92,840		247	285	323	342	361	380	48.20	53.50	62
52	60.0	20	52,300	-	1,94,990		260	300	340	360	380	400	48.20	53.50	62

Model : URC-250

Outlet : 3.0" (75mm)

Sr. No.	H.P.	Stg.	Price ₹			Discharge in LPM & m/h in Operating Head Range In Metre							Over all Effi. % as per IS 8034/18	Falcon Max. Overall Effi. in%	More Result Compare to IS
			Pump Only	Pumpset (172Ø Motor)	Pumpset (180Ø Motor)	LPM	550	485	430	390	280	190			
						m/h	33.00	29.10	25.80	23.40	16.80	11.40			
							13	15	17	18	19	20			
53	15.0	06	20,850	1,00,230	1,00,950	Total Head In Metre	78	90	102	108	114	120	43.32	49.50	61
54	20.0	08	25,110	1,14,630	1,15,450		104	120	136	114	152	160	44.46	50.00	61
55	20.0	09	27,400	1,16,920	1,17,740		117	135	153	162	171	180	44.46	50.00	61
56	25.0	10	29,460	1,31,940	1,21,590		130	150	170	180	190	200	44.46	50.00	61
57	25.0	11	31,800	1,34,280	1,23,930		143	165	187	198	209	220	44.46	50.00	61
58	30.0	12	33,880	1,45,370	1,34,080		156	180	204	216	228	240	45.60	51.00	61
59	35.0	14	38,370	1,59,130	1,46,900		182	210	238	252	266	280	460.00	53.50	61
60	42.0	16	42,940	1,77,410	1,60,390		156	180	272	288	304	320	46.00	53.50	61
61	42.0	17	45,450	1,79,920	1,62,900		221	255	289	306	323	340	46.00	53.50	61
62	50.0	18	48,000	1,95,770	1,79,540		234	270	306	324	342	360	46.00	53.50	61
63	50.0	20	52,300	2,00,070	1,83,840		260	300	340	360	380	400	46.00	53.50	61

Model : URC-200

Outlet : 3.0" (75mm)

Sr. No.	H.P.	Stg.	Price ₹			Discharge in LPM & m/h in Operating Head Range In Metre						Over all Effi. % as per IS 8034/18	Falcon Max. Overall Effi. in%	More Result Compare to IS	
			Pump Only	Pumpset (172Ø Motor)	Pumpset (180Ø Motor)	LPM	520	460	410	360	250				180
						m/h	31.20	27.60	24.60	21.60	15.00				10.80
							11	13	14	15	16	18			
64	15.0	07	23,080	1,02,460	1,03,180	Total Head In Metre	77	91	98	105	112	126	43.32	49.50	61
65	20.0	10	29,460	1,18,980	1,19,800		110	130	140	150	160	180	44.46	50.00	61
66	20.0	11	31,800	1,21,320	1,22,140		121	143	154	165	176	198	44.46	50.00	61
67	25.0	12	33,880	1,36,360	1,26,010		132	156	168	180	192	216	45.03	50.50	61
68	25.0	13	36,280	1,38,760	1,28,410		143	169	182	195	208	234	45.03	50.50	61
69	30.0	14	38,370	1,49,860	1,38,570		154	182	196	210	224	252	45.60	51.00	61
70	30.0	15	40,830	1,52,320	1,41,030		165	195	210	225	240	270	46.00	53.50	61
71	35.0	17	45,450	1,66,210	1,53,980		187	221	238	255	272	306	46.50	54.00	61
72	35.0	18	48,000	1,68,760	1,56,530		198	234	252	270	288	324	46.80	54.20	61

V-8 URC Pump with V-8 Deluxe Motor (184mm Ø)



Cast Iron Bowls & S.S.410 Impeller with CED Coated Cast Iron Parts. V8 URC Pumps
Suitable for 8.0" and above Dia. Borewell, 50Hz - 415 Volt. Three Phase.

V-8 URC Bowlset (Stage) Performance Data

Sr. No.	MODEL	Bowl Length in mm	Installation Head Range (Uniform Output) Head in Mtr. Min. - Max.	Discharge in Head Range LPM to LPM
1	URC-500	65	15 - 20	960 - 570
2	URC-400	65	15 - 20	780 - 510
3	URC-350	50	15 - 20	760-480
4	URC-300	50	15 - 20	720-360
5	URC-250	50	15 - 20	485 - 190
6	URC-200	50	13 - 18	460-180



URC Series Bowlset

V-8 DELUXE Water Filled Three Phase Motor - Price ₹

COPPER ROTOR	H.P.	172Ø	180Ø
	15.0	79,380	80,100
	20.0	89,520	90,340
	25.0	1,02,480	92,130
	30.0	1,11,490	1,00,200
	35.0	1,20,760	1,08,530
	42.0	1,34,470	1,17,450
	45.0	-	1,20,930
	50.0	1,47,770	1,31,540
	60.0	-	1,42,690
	75.0	-	1,85,210
	85.0	-	1,98,490
	100.0	-	2,09,370

V-8 FMC (333) Pump with V-8 Deluxe Motor (184mm Ø)



Cast Iron Bowls & S.S.410 Impeller with CED Coated Cast Iron Parts. V8 FMC (333) Pumps
Suitable for 8.0" and above Dia. Borewell, 50Hz - 415 Volt. Three Phase.

Model : FMC333-500

Outlet : 4.0" (100mm)

Sr. No.	H.P.	Stg.	PRICE ₹			Discharge in LPM & m ³ /h in Operating Head Range In Metre								Over all Effi. % as per IS 8034/18	Falcon Max. Overall Effi. in%	More Result Compare to IS
			Pump Only	Pumpset (172Ø Motor)	Pumpset (180Ø Motor)	LPM	1700	1600	1330	1250	1200	1050	900			
						m ³ /h	102.00	96.00	79.80	75.00	72.00	63.00	54.00			
1	20.0	04	23,460	1,12,980	1,13,800	-	32	40	48	52	56	60	64	53.60	53.00	74
2	25.0	05	27,170	1,29,650	1,19,300	-	40	50	60	65	70	75	80	53.60	54.00	74
3	30.0	06	30,880	1,42,370	1,31,080	-	48	60	72	78	84	90	96	53.60	55.50	74
4	35.0	07	34,910	1,55,670	1,43,440	-	56	70	84	91	98	105	112	54.27	57.00	74
5	42.0	08	38,660	1,73,130	1,56,110	-	64	80	96	104	112	120	128	54.27	58.00	74
6	50.0	10	46,570	1,94,340	1,78,110	-	80	100	120	130	140	150	160	54.94	59.00	74
7	60.0	12	54,610	-	1,97,300	-	96	120	144	156	168	180	192	54.94	61.00	74

Model : FMC333-400

Outlet : 4.0" (100mm)

Sr. No.	H.P.	Stg.	PRICE ₹			Discharge in LPM & m ³ /h in Operating Head Range In Metre								Over all Effi. % as per IS 8034/18	Falcon Max. Overall Effi. in%	More Result Compare to IS
			Pump Only	Pumpset (172Ø Motor)	Pumpset (180Ø Motor)	LPM	1460	1350	1150	1000	900	700	550			
						m ³ /h	87.60	81.00	69.00	60.00	54.00	42.00	33.00			
8	20.0	05	27,170	1,16,690	1,17,510	-	40	50	60	65	70	75	80	52.00	52.00	75
9	25.0	06	30,880	1,33,360	1,23,010	-	48	60	72	78	84	90	96	52.00	53.00	75
10	30.0	07	34,910	1,46,400	1,35,110	-	56	70	84	91	98	105	112	52.00	55.00	75
11	35.0	09	42,410	1,63,170	1,50,940	-	72	90	108	117	126	135	144	52.65	56.00	75
12	42.0	10	46,570	1,81,040	1,64,020	-	80	100	120	130	140	150	160	52.65	57.00	75
13	50.0	13	58,430	2,06,200	1,89,970	-	104	130	156	169	182	195	208	53.30	58.00	75
14	60.0	15	66,640	-	2,09,330	-	120	150	180	195	210	225	240	53.30	61.00	75

Model : FMC333-300

Outlet : 4.0" (100mm)

Sr. No.	H.P.	Stg.	PRICE ₹			Discharge in LPM & m ³ /h in Operating Head Range In Metre								Over all Effi. % as per IS 8034/18	Falcon Max. Overall Effi. in%	More Result Compare to IS
			Pump Only	Pumpset (172Ø Motor)	Pumpset (180Ø Motor)	LPM	1200	1030	850	750	600	300	180			
						m ³ /h	72.00	61.80	51.00	45.00	36.00	18.00	10.80			
15	20.0	07	34,910	1,24,430	1,25,250	-	56	70	84	91	98	105	112	49.60	51.00	79
16	25.0	08	38,660	1,41,140	1,30,790	-	64	80	96	104	112	120	128	49.60	52.00	79
17	30.0	10	46,570	1,58,060	1,46,770	-	80	100	120	130	140	150	160	49.60	54.00	79
18	35.0	12	54,610	1,75,370	1,63,140	-	96	120	144	156	168	180	192	50.20	55.00	79
19	42.0	14	62,790	1,97,260	1,80,240	-	112	140	168	182	196	210	224	50.20	56.00	79
20	50.0	16	71,110	2,18,880	2,02,650	-	128	160	192	208	224	240	256	50.84	57.50	79

Model : FMC333-250

Outlet : 3.0" (75mm)

Sr. No.	H.P.	Stg.	PRICE ₹			Discharge in LPM & m ³ /h in Operating Head Range In Metre								Over all Effi. % as per IS 8034/18	Falcon Max. Overall Effi. in%	More Result Compare to IS
			Pump Only	Pumpset (172Ø Motor)	Pumpset (180Ø Motor)	LPM	1020	850	600	400	350	250	150			
						m ³ /h	61.20	51.00	36.00	24.00	21.00	15.00	9.00			
21	20.0	08	38,660	1,28,180	1,29,000	-	64	80	96	104	112	120	128	48.00	50.00	79
22	25.0	10	46,570	1,49,050	1,38,700	-	80	100	120	130	140	150	160	48.00	51.00	79
23	30.0	12	54,610	1,66,100	1,54,810	-	96	120	144	156	168	180	192	48.00	53.00	79
24	35.0	14	62,790	1,83,550	1,71,320	-	112	140	168	182	196	210	224	48.60	54.00	79
25	42.0	16	71,110	2,05,580	1,88,560	-	128	160	192	208	224	240	256	48.60	55.00	79

V-8 FMC (333) Pump with V6-Janta Motor



Cast Iron Bowl & S.S.410 Impeller with CED Coated Cast Iron Parts V8 FMC (333) Pumps
Suitable for 8.0" and above Dia. Borewell, 50Hz - 415 Volt. Three Phase.

Model : FMC333-500

Outlet : 4.0” (100mm)

Sr. No.	H.P.	Stg.	Price ₹			Discharge in LPM & m/h in Operating Head Range In Metre								Over all Effi. % as per IS 8034/18	Falcon Max. Overall Effi. in%	More Result Compare to IS
			Pump Only	Pumpset (V6 Prm Motor)	Pumpset (V6 3-Pc Motor)	LPM	1700	1600	1330	1250	1200	1050	900			
						m/h	102.00	96.00	79.80	75.00	72.00	63.00	54.00			
						ISI	8	10	12	13	14	15	16			
1	5.0	01	10,930	44,960	44,510	-	8	10	12	13	14	15	16	45.56	46.00	74
2	10.0	02	14,610	65,520	63,060	-	16	20	24	26	28	30	32	49.58	48.00	74
3	15.0	03	18,290	84,800	76,540	-	24	30	36	39	42	45	48	50.92	51.00	74
4	20.0	04	22,160	1,01,710	91,580	-	32	40	48	52	56	60	64	52.26	52.00	74
5	25.0	05	25,870	1,16,010	1,00,170	-	40	50	60	65	70	75	80	52.26	53.00	74
6	30.0	06	29,590	1,30,160	1,14,600	-	48	60	72	78	84	90	96	53.60	55.00	74

Model : FMC333-400

Outlet : 3.0” (75mm)

Sr. No.	H.P.	Stg.	Price ₹			Discharge in LPM & m/h in Operating Head Range In Metre								Over all Effi. % as per IS 8034/18	Falcon Max. Overall Effi. in%	More Result Compare to IS
			Pump Only	Pumpset (V6 Prm Motor)	Pumpset (V6 3-Pc Motor)	LPM	1460	1350	1150	1000	900	700	550			
						m/h	87.60	81.00	69.00	60.00	54.00	42.00	33.00			
						ISI	8	10	12	13	14	15	16			
7	7.5	02	14,610	57,490	56,890	-	16	20	24	26	28	30	32	47.75	47.00	75
8	12.5	03	18,290	77,710	73,150	-	24	30	36	39	42	45	48	48.75	49.00	75
9	15.0	04	22,160	88,670	80,410	-	32	40	48	52	56	60	64	49.40	50.00	75
10	20.0	05	25,870	1,05,420	95,290	-	40	50	60	65	70	75	80	50.70	51.00	75
11	25.0	06	29,590	1,19,730	1,03,890	-	48	60	72	78	84	90	96	52.00	52.00	75
12	30.0	07	33,610	1,34,180	1,18,620	-	56	70	84	91	98	105	112	52.30	54.00	75

Model : FMC333-300

Outlet : 3.0” (75mm)

Sr. No.	H.P.	Stg.	Price ₹			Discharge in LPM & m/h in Operating Head Range In Metre								Over all Effi. % as per IS 8034/18	Falcon Max. Overall Effi. in%	More Result Compare to IS
			Pump Only	Pumpset (V6 Prm Motor)	Pumpset (V6 3-Pc Motor)	LPM	1200	1030	850	750	600	300	180			
						m/h	72.00	61.80	51.00	45.00	36.00	18.00	10.80			
						ISI	8	10	12	13	14	15	16			
13	6.0	02	14,610	52,520	52,290	-	16	20	24	26	28	30	32	43.40	46.50	79
14	10.0	03	18,290	69,200	66,740	-	24	30	36	39	42	45	48	45.88	47.00	79
15	20.0	06	29,590	1,09,140	99,010	-	48	60	72	78	84	90	96	48.36	50.00	79
16	25.0	08	37,350	1,27,490	1,11,650	-	64	80	96	104	112	120	128	49.60	51.00	79
17	30.0	10	45,250	1,45,820	1,30,260	-	80	100	120	130	140	150	160	50.00	53.00	79

Model : FMC333-250

Outlet : 3.0” (75mm)

Sr. No.	H.P.	Stg.	Price ₹			Discharge in LPM & m/h in Operating Head Range In Metre								Over all Effi. % as per IS 8034/18	Falcon Max. Overall Effi. in%	More Result Compare to IS
			Pump Only	Pumpset (V6 Prm Motor)	Pumpset (V6 3-Pc Motor)	LPM	1020	850	600	400	350	250	150			
						m/h	61.20	51.00	36.00	24.00	21.00	15.00	9.00			
						ISI	8	10	12	13	14	15	16			
18	5.0	02	14,610	48,640	48,190	-	16	20	24	26	28	30	32	40.80	44.00	79
19	7.5	03	18,290	61,170	60,570	-	24	30	36	39	42	45	48	43.80	45.00	79
20	10.0	04	22,160	73,070	70,610	-	32	40	48	52	56	60	64	44.40	47.00	79
21	15.0	06	29,590	96,100	87,840	-	48	60	72	78	84	90	96	45.60	48.00	79
22	20.0	08	37,350	1,16,900	1,06,770	-	64	80	96	104	112	120	128	46.80	49.00	79
23	25.0	10	45,250	1,35,390	1,19,550	-	80	100	120	130	140	150	160	48.00	50.00	79
24	30.0	12	53,280	1,53,850	1,38,290	-	96	120	144	156	168	180	192	48.50	52.00	79

V-8 FMC (333) Pump

Cast Iron Bowl & S.S.410 Impeller with CED Coated Cast Iron Parts V8 FMC (333) Pumps
Suitable for 8.0" and above Dia. Borewell, 50Hz - 415 Volt. Three Phase.

V-8 FMC(333) Bowlset (Stage) Performance Data

Sr. No.	MODEL	Bowl Length in mm	Installation Head Range Head in Mtr. Min. - Max.	Discharge in Head Range LPM to LPM
1	FMC-500	120	10 - 15	1600 - 1050
2	FMC-400	120	10 - 15	1350 - 700
3	FMC-300	120	10 - 15	1030 - 300
4	FMC-250	120	10 - 15	850 - 250



FMC Series Bowlset



V8/V8



**V8/V6
JANTA**

V-8 Deluxe Water Filled Three Phase Motor - Price ₹

COPPER ROTOR	H.P.	172Ø	180Ø
	15.0	79,380	80,100
	20.0	89,520	90,340
	25.0	1,02,480	92,130
	30.0	1,11,490	1,00,200
	35.0	1,20,760	1,08,530
	42.0	1,34,470	1,17,450
	45.0	-	1,20,930
	50.0	1,47,770	1,31,540
	60.0	-	1,42,690
	75.0	-	1,85,210
	85.0	-	1,98,490
	100.0	-	2,09,370

V-6 Water Filled Three Phase Motor - Price

COPPER ROTOR	H.P.	Premium	3-Piece
	05.0	34,030	33,580
	06.0	37,910	37,680
	07.5	42,880	42,280
	10.0	50,910	48,450
	12.5	59,420	54,860
	15.0	66,510	58,250
	17.5	72,490	62,970
	20.0	79,550	69,420
	25.0	90,140	74,300
	30.0	1,00,570	85,010

V-8 FMC Pump With V-8 Deluxe Motor (184mm Ø)



Cast Iron Bowl & S.S.410 Impeller with CED Coated Cast Iron Parts V8 FMC Pumps
Suitable for 8.0" and above Dia. Borewell, 50Hz - 415 Volt. Three Phase.

Model : FMC-1000

Outlet : 4.0" (100mm)

Sr. No.	H.P.	Stg.	Price ₹		Discharge in LPM & m ³ /h in Operating Head Range In Metre								Over all Effi. % as per IS 8034/18	Falcon Max. Overall Effi. in%	More Result Compare to IS
			Pump Only	Pumpset (180Ø Motor)	LPM	2550	2400	2250	2200	2150	2050	1800			
					m ³ /h	153.00	144.00	135.00	132.00	129.00	123.00	108.00			
					ISI & Star	6	9	12	13	14	15	17			
1	20.0	02	16,180	1,06,520	-	12	18	24	26	28	30	34	55.20	54.50	65
2	30.0	03	20,510	1,20,710	ISI & 3	18	27	36	39	42	45	51	55.20	58.00	65
3	42.0	04	24,690	1,42,140	-	24	36	48	52	56	60	68	55.89	59.50	65
4	50.0	05	29,140	1,60,680	-	30	45	60	65	70	75	85	56.58	60.50	65
5	60.0	06	33,350	1,76,040	-	36	54	72	78	84	90	102	56.58	60.50	65
6	75.0	07	37,920	2,23,130	-	42	63	84	91	98	105	119	57.27	61.00	65
7	85.0	08	42,180	2,40,670	-	48	72	96	104	112	120	136	57.27	61.50	65
8	100.0	10	51,150	2,60,520	-	60	90	120	130	140	150	170	57.96	62.00	65

Model : FMC-0800

Outlet : 4.0" (100mm)

Sr. No.	H.P.	Stg.	Price ₹		Discharge in LPM & m ³ /h in Operating Head Range In Metre								Over all Effi. % as per IS 8034/18	Falcon Max. Overall Effi. in%	More Result Compare to IS
			Pump Only	Pumpset (180Ø Motor)	LPM	2450	2300	2150	2010	1950	1850	1650			
					m ³ /h	147.00	138.00	129.00	120.60	117.00	111.00	99.00			
					ISI & Star	6	9	12	13	14	15	17			
9	25.0	03	20,510	1,12,640	-	18	27	36	39	42	45	51	55.20	55.00	65
10	35.0	04	24,690	1,33,220	-	24	36	48	52	56	60	68	55.89	58.50	65
11	42.0	05	29,140	1,46,590	-	30	45	60	65	70	75	85	55.89	59.00	65
12	50.0	06	33,350	1,64,890	-	36	54	72	78	84	90	102	56.58	60.00	65
13	60.0	07	37,920	1,80,610	-	42	63	84	91	98	105	119	56.58	60.50	65
14	75.0	09	46,860	2,32,070	-	54	81	108	117	126	135	153	57.27	61.00	65
15	85.0	10	51,150	2,49,640	-	60	90	120	130	140	150	170	57.27	61.50	65
16	100.0	12	60,280	2,69,650	-	72	108	144	156	168	180	204	57.96	62.00	65

Model : FMC-0750

Outlet : 4.0" (100mm)

Sr. No.	H.P.	Stg.	Price ₹		Discharge in LPM & m ³ /h in Operating Head Range In Metre								Over all Effi. % as per IS 8034/18	Falcon Max. Overall Effi. in%	More Result Compare to IS
			Pump Only	Pumpset (180Ø Motor)	LPM	2350	2200	1950	1850	1750	1650	1400			
					m ³ /h	141.00	132.00	117.00	111.00	105.00	99.00	84.00			
					ISI	6	9	12	13	14	15	17			
17	15.0	02	16,180	96,280	ISI	12	18	24	26	28	30	34	53.04	53.00	67
18	30.0	04	24,690	1,24,890	-	24	36	48	52	56	60	68	54.40	57.00	67
19	60.0	08	42,180	1,84,870	-	48	72	96	104	112	120	136	55.76	60.50	67
20	75.0	10	51,150	2,36,360	-	60	90	120	130	140	150	170	55.76	61.00	67
21	100.0	13	65,200	2,74,570	-	78	117	156	169	182	195	221	57.12	62.00	67

Model : FMC-0700

Outlet : 4.0" (100mm)

Sr. No.	H.P.	Stg.	Price ₹		Discharge in LPM & m ³ /h in Operating Head Range In Metre								Over all Effi. % as per IS 8034/18	Falcon Max. Overall Effi. in%	More Result Compare to IS
			Pump Only	Pumpset (180Ø Motor)	LPM	2300	2160	1860	1740	1700	1550	1300			
					m ³ /h	138.00	129.60	111.60	104.40	102.00	93.00	78.00			
					ISI	6	9	12	13	14	15	17			
22	20.0	03	20,510	1,10,850	-	18	27	36	39	42	45	51	54.40	54.00	71
23	35.0	05	29,140	1,37,670	-	30	45	60	65	70	75	85	55.08	58.00	71
24	42.0	06	33,350	1,50,800	-	36	54	72	78	84	90	102	55.08	59.00	71
25	50.0	07	37,920	1,69,460	-	42	63	84	91	98	105	119	55.76	60.00	71
26	75.0	10	51,150	2,36,360	-	60	90	120	130	140	150	170	55.76	61.00	67
27	85.0	12	60,280	2,58,770	-	72	108	144	156	168	180	204	56.44	61.50	71
28	100.0	14	69,570	2,78,940	-	84	126	168	182	196	210	238	57.12	62.00	71

V-8 FMC Pump With V-8 Deluxe Motor (184mm Ø)



Cast Iron Bowl & S.S.410 Impeller with CED Coated Cast Iron Parts V8 FMC Pumps
Suitable for 8.0" and above Dia. Borewell, 50Hz - 415 Volt. Three Phase.

Model : FMC-0600

Outlet : 4.0" (100mm)

Sr. No.	H.P.	Stg.	Price ₹		Discharge in LPM & m ³ /h in Operating Head Range In Metre								Over all Effi. % as per IS 8034/18	Falcon Max. Overall Effi. in%	More Result Compare to IS
			Pump Only	Pumpset (180Ø Motor)	LPM	2200	1950	1700	1600	1500	1400	1130			
					m ³ /h	132.00	117.00	102.00	96.00	90.00	84.00	67.80			
					ISI & Star	6	9	12	13	14	15	17			
29	25.0	04	24,690	1,16,820	ISI & 3	24	36	48	52	56	60	68	53.60	55.00	71
30	30.0	05	29,140	1,29,340	ISI & 3	30	45	60	65	70	75	85	53.60	56.00	71
31	35.0	06	33,350	1,41,880	-	36	54	72	78	84	90	102	54.27	57.00	71
32	42.0	07	37,920	1,55,370	-	42	63	84	91	98	105	119	54.27	58.00	71
33	50.0	08	42,180	1,73,720	-	48	72	96	104	112	120	136	54.94	59.00	71
34	60.0	10	51,150	1,93,840	-	60	90	120	130	140	150	170	54.94	60.00	71
35	75.0	12	60,280	2,45,490	-	72	108	144	156	168	180	204	55.61	60.50	71
36	85.0	14	69,570	2,68,060	-	84	126	168	182	196	210	238	55.61	61.00	71
37	100.0	16	79,010	2,88,380	-	96	144	192	208	224	240	272	56.28	61.50	71

Model : FMC-0500

Outlet : 4.0" (100mm)

Sr. No.	H.P.	Stg.	Price ₹		Discharge in LPM & m ³ /h in Operating Head Range In Metre								Over all Effi. % as per IS 8034/18	Falcon Max. Overall Effi. in%	More Result Compare to IS
			Pump Only	Pumpset (180Ø Motor)	LPM	1620	1450	1300	1200	1110	1020	750			
					m ³ /h	97.20	87.00	78.00	72.00	66.60	61.20	45.00			
					ISI & Star	6	9	12	13	14	15	17			
38	15.0	03	20,510	1,00,610	ISI-3	18	27	36	39	42	45	51	51.48	52.00	74
39	20.0	04	24,690	1,15,030	ISI-3	24	36	48	52	56	60	68	52.80	53.00	74
40	25.0	05	29,140	1,21,270	ISI-3	30	45	60	65	70	75	85	52.80	53.50	74
41	30.0	06	33,350	1,33,550	ISI-3	36	54	72	78	84	90	102	52.80	54.50	74
42	35.0	07	37,920	1,46,450	ISI	42	63	84	91	98	105	119	53.46	55.50	74
43	42.0	08	42,180	1,59,630	ISI	48	72	96	104	112	120	136	53.46	56.50	74
44	50.0	10	51,150	1,82,690	-	60	90	120	130	140	150	170	54.12	58.00	74
45	60.0	12	60,280	2,02,970	-	72	108	144	156	168	180	204	54.12	59.00	74
46	75.0	14	69,570	2,54,780	-	84	126	168	182	196	210	238	54.78	60.00	74
50	85.0	16	79,010	2,77,500	-	96	144	192	208	224	240	272	55.44	61.00	74

Model : FMC-0400

Outlet : 4.0" (100mm)

Sr. No.	H.P.	Stg.	Price ₹		Discharge in LPM & m ³ /h in Operating Head Range In Metre								Over all Effi. % as per IS 8034/18	Falcon Max. Overall Effi. in%	More Result Compare to IS
			Pump Only	Pumpset (180Ø Motor)	LPM	1500	1350	1100	1000	900	800	500			
					m ³ /h	90.00	81.00	66.00	60.00	54.00	48.00	30.00			
					ISI & Star	6	9	12	13	14	15	17			
51	15.0	04	24,690	1,04,790	ISI	24	36	48	52	56	60	68	49.92	51.00	75
52	20.0	05	29,140	1,19,480	ISI-3	30	45	60	65	70	75	85	51.20	52.00	75
53	25.0	06	33,350	1,25,480	-	36	54	72	78	84	90	102	51.20	54.00	75
54	35.0	08	42,180	1,50,710	-	48	72	96	104	112	120	136	51.84	55.00	75
55	42.0	10	51,150	1,68,600	ISI	60	90	120	130	140	150	170	51.84	56.00	75
56	50.0	12	60,280	1,91,820	-	72	108	144	156	168	180	204	52.48	57.00	75
57	60.0	14	69,570	2,12,260	-	84	126	168	182	196	210	238	52.48	58.00	75

V-8 FMC Pump With V-8 Deluxe Motor (184mm Ø)



Cast Iron Bowl & S.S.410 Impeller with CED Coated Cast Iron Parts V8 FMC Pumps
Suitable for 8.0" and above Dia. Borewell, 50Hz - 415 Volt. Three Phase.

Model : FMC-0330 Outlet : 4.0" (100mm)

Sr. No.	H.P.	Stg.	Price ₹		Discharge in LPM & m ³ /h in Operating Head Range In Metre								Over all Effi. % as per IS 8034/18	Falcon Max. Overall Effi. in%	More Result Compare to IS
			Pump Only	Pumpset (180Ø Motor)	LPM	1200	1050	860	800	700	650	450			
					m ³ /h	72.00	63.00	51.60	48.00	42.00	39.00	27.00			
					ISI	6	9	12	13	14	15	17			
58	15.0	05	29,140	1,09,240	ISI-3	30	45	60	65	70	75	85	52.80	50.50	74
59	20.0	06	33,350	1,23,690	ISI	36	54	72	78	84	90	102	50.40	51.50	79
60	25.0	07	37,920	1,30,050	-	42	63	84	91	98	105	119	50.40	53.00	79
61	30.0	09	46,860	1,47,060	-	54	81	108	117	126	135	153	50.40	54.50	79
62	35.0	10	51,150	1,59,680	-	60	90	120	130	140	150	170	51.03	55.50	79
63	42.0	12	60,280	1,77,730	-	72	108	144	156	168	180	204	51.03	56.00	79
64	50.0	14	69,570	2,01,110	-	84	126	168	182	196	210	238	51.66	56.50	79

Model : FMC-0250 Outlet : 4.0" (100mm)

Sr. No.	H.P.	Stg.	Price ₹		Discharge in LPM & m ³ /h in Operating Head Range In Metre								Over all Effi. % as per IS 8034/18	Falcon Max. Overall Effi. in%	More Result Compare to IS
			Pump Only	Pumpset (180Ø Motor)	LPM	1020	900	780	680	540	250	120			
					m ³ /h	61.20	54.00	46.80	40.80	32.40	15.00	7.20			
					ISI	6	9	12	13	14	15	17			
65	15.0	06	33,350	1,13,450	-	36	54	72	78	84	90	102	49.60	50.00	79
66	20.0	08	42,180	1,32,520	ISI	48	72	96	104	112	120	136	49.60	51.00	79
67	25.0	10	51,150	1,43,280	-	60	90	120	130	140	150	170	49.60	52.00	79
68	30.0	12	60,280	1,60,480	-	72	108	144	156	168	180	204	49.60	53.00	79
69	35.0	14	69,570	1,78,100	-	84	126	168	182	196	210	238	50.22	54.00	79
70	42.0	16	79,010	1,96,460	-	96	144	192	208	224	240	272	50.22	55.00	79

V-8 FMC Pump With V6 3-PC Motor (Janta) - Three Phase



Cast Iron Bowl & S.S.410 Impeller with CED Coated Cast Iron Parts V8 FMC Pumps
Suitable for 8.0" and above dia. Borewell, 50Hz - 415 Volt.

Model : FMC-1000 Outlet : 4.0" (100mm)

Sr. No.	H.P.	Stg.	Price ₹		Discharge in LPM & m ³ /h in Operating Head Range In Metre								Over all Effi. % as per IS 8034/18	Falcon Max. Overall Effi. in%	More Result Compare to IS
			Pump Only	Pump Set	LPM	2550	2400	2250	2200	2150	2050	1800			
					m ³ /h	153.00	144.00	135.00	132.00	129.00	123.00	108.00			
					ISI	6	9	12	13	14	15	17			
1	20.0	02	14,820	84,240	-	12	18	24	26	28	30	34	55.20	54.00	65
2	30.0	03	19,140	1,04,150	-	18	27	36	39	42	45	51	55.20	57.00	65

Model : FMC-0800 Outlet : 4.0" (100mm)

Sr. No.	H.P.	Stg.	Price ₹		Discharge in LPM & m ³ /h in Operating Head Range In Metre								Over all Effi. % as per IS 8034/18	Falcon Max. Overall Effi. in%	More Result Compare to IS
			Pump Only	Pump Set	LPM	2450	2300	2150	2010	1950	1850	1650			
					m ³ /h	147.00	138.00	129.00	120.60	117.00	111.00	99.00			
					ISI	6	9	12	13	14	15	17			
3	17.5	02	14,820	77,790	-	12	18	24	26	28	30	34	55.20	53.00	65
4	25.0	03	19,140	93,440	-	18	27	36	39	42	45	51	55.20	55.00	65

Model : FMC-0750 Outlet : 4.0" (100mm)

Sr. No.	H.P.	Stg.	Price ₹		Discharge in LPM & m ³ /h in Operating Head Range In Metre								Over all Effi. % as per IS 8034/18	Falcon Max. Overall Effi. in%	More Result Compare to IS
			Pump Only	Pump Set	LPM	2350	2200	1950	1850	1750	1650	1400			
					m ³ /h	141.00	132.00	117.00	111.00	105.00	99.00	84.00			
					ISI	6	9	12	13	14	15	17			
5	15.0	02	14,820	73,070	ISI	12	18	24	26	28	30	34	53.04	52.00	67
6	30.0	04	23,320	1,08,330	-	24	36	48	52	56	60	68	54.40	56.00	67

Model : FMC-0700 Outlet : 4.0" (100mm)

Sr. No.	H.P.	Stg.	Price ₹		Discharge in LPM & m ³ /h in Operating Head Range In Metre								Over all Effi. % as per IS 8034/18	Falcon Max. Overall Effi. in%	More Result Compare to IS
			Pump Only	Pump Set	LPM	2300	2160	1860	1740	1700	1550	1300			
					m ³ /h	138.00	129.60	111.60	104.40	102.00	93.00	78.00			
					ISI	6	9	12	13	14	15	17			
7	20.0	03	19,140	88,560	-	18	27	36	39	42	45	51	54.40	53.50	71

Model : FMC-0600 Outlet : 4.0" (100mm)

Sr. No.	H.P.	Stg.	Price ₹		Discharge in LPM & m ³ /h in Operating Head Range In Metre								Over all Effi. % as per IS 8034/18	Falcon Max. Overall Effi. in%	More Result Compare to IS
			Pump Only	Pump Set	LPM	2200	1950	1700	1600	1500	1400	1130			
					m ³ /h	132.00	117.00	102.00	96.00	90.00	84.00	67.80			
					ISI	6	9	12	13	14	15	17			
8	12.5	02	14,820	69,680	ISI-3	12	18	24	26	28	30	34	51.59	51.50	71
9	17.5	03	19,140	82,110	ISI-3	18	27	36	39	42	45	51	52.93	52.00	71
10	25.0	04	23,320	97,620	ISI-3	24	36	48	52	56	60	68	53.60	54.00	71
11	30.0	05	27,750	1,12,760	ISI-3	30	45	60	65	70	75	85	53.60	55.00	71

Model : FMC-0500 Outlet : 4.0" (100mm)

Sr. No.	H.P.	Stg.	Price ₹		Discharge in LPM & m ³ /h in Operating Head Range In Metre								Over all Effi. % as per IS 8034/18	Falcon Max. Overall Effi. in%	More Result Compare to IS
			Pump Only	Pump Set	LPM	1620	1450	1300	1200	1110	1020	750			
					m ³ /h	97.20	87.00	78.00	72.00	66.60	61.20	45.00			
					ISI	6	9	12	13	14	15	17			
12	10.0	02	14,820	63,270	-	12	18	24	26	28	30	34	50.16	50.50	74
13	15.0	03	19,140	77,390	-	18	27	36	39	42	45	51	51.48	51.50	74
14	20.0	04	23,320	92,740	-	24	36	48	52	56	60	68	52.80	52.50	74
15	25.0	05	27,750	1,02,050	-	30	45	60	65	70	75	85	52.80	53.00	74
16	30.0	06	31,970	1,16,980	-	36	54	72	78	84	90	102	52.80	54.00	74

V-8 FMC Pump With V6 3-PC Motor (Janta) - Three Phase



Cast Iron Bowl & S.S.410 Impeller with CED Coated Cast Iron Parts V8 FMC Pumps
Suitable for 8.0" and above dia. Borewell, 50Hz - 415 Volt.

Model : FMC-0400 Outlet : 4.0" (100mm)

Sr. No.	H.P.	Stg.	Price ₹		Discharge in LPM & m ³ /h in Operating Head Range In Metre								Over all Effi. % as per IS 8034/18	Falcon Max. Overall Effi. in%	More Result Compare to IS
					LPM	1500	1350	1100	1000	900	800	500			
			Pump Only	Pump Set	m ³ /h	90.00	81.00	66.00	60.00	54.00	48.00	30.00			
					ISI	6	9	12	13	14	15	17			
17	12.5	03	19,140	74,000	-	18	27	36	39	42	45	51	49.28	51.00	75
18	15.0	04	23,320	81,570	-	24	36	48	52	56	60	68	49.92	51.50	75
19	20.0	05	27,750	97,170	-	30	45	60	65	70	75	85	51.20	52.00	75
20	25.0	06	31,970	1,06,270	-	36	54	72	78	84	90	102	51.20	52.50	75
21	30.0	07	36,520	1,21,530	-	42	63	84	91	98	105	119	51.20	53.00	75

Model : FMC-0330 Outlet : 4.0" (100mm)

Sr. No.	H.P.	Stg.	Price ₹		Discharge in LPM & m ³ /h in Operating Head Range In Metre								Over all Effi. % as per IS 8034/18	Falcon Max. Overall Effi. in%	More Result Compare to IS
					LPM	1200	1050	860	800	700	650	450			
			Pump Only	Pump Set	m ³ /h	72.00	63.00	51.60	48.00	42.00	39.00	27.00			
					ISI	6	9	12	13	14	15	17			
22	10.0	03	19,140	67,590	-	18	27	36	39	42	45	51	47.88	50.00	79
23	12.5	04	23,320	78,180	-	24	36	48	52	56	60	68	48.51	50.50	79
24	17.5	05	27,750	90,720	-	30	45	60	65	70	75	85	49.77	51.00	79
25	20.0	06	31,970	1,01,390	-	36	54	72	78	84	90	102	50.40	51.50	79
26	25.0	07	36,520	1,10,820	-	42	63	84	91	98	105	119	50.40	52.00	79
27	30.0	09	45,450	1,30,460	-	54	81	108	117	126	135	153	50.40	52.50	79

Model : FMC-0250 Outlet : 4.0" (100mm)

Sr. No.	H.P.	Stg.	Price ₹		Discharge in LPM & m ³ /h in Operating Head Range In Metre								Over all Effi. % as per IS 8034/18	Falcon Max. Overall Effi. in%	More Result Compare to IS
					LPM	1020	900	780	680	540	250	120			
			Pump Only	Pump Set	m ³ /h	61.20	54.00	46.80	40.80	32.40	15.00	7.20			
					ISI	6	9	12	13	14	15	17			
28	10.0	04	23,320	71,770	-	24	36	48	52	56	60	68	47.12	49.50	79
29	12.5	05	27,750	82,610	-	30	45	60	65	70	75	85	47.44	50.00	79
30	15.0	06	31,970	90,220	-	36	54	72	78	84	90	102	48.36	50.50	79
31	17.5	07	36,520	99,490	-	42	63	84	91	98	105	119	48.98	51.00	79
32	20.0	08	40,780	1,10,200	-	48	72	96	104	112	120	136	49.60	51.50	79
33	25.0	10	49,750	1,24,050	-	60	90	120	130	140	150	170	49.60	52.00	79

V-8 FMC Pump With V9 (V10) Deluxe Motor -Three Phase



Cast Iron Bowl & S.S.410 Impeller with CED Coated Cast Iron Parts V8 FMC Pumps
Suitable for 10.0" and above dia. Borewell, 50Hz - 415 Volt.

Model : FMC-1000

Outlet : 4.0" (100mm)

Sr. No.	H.P.	Stg.	Price ₹		Discharge in LPM & m ³ /h in Operating Head Range In Metre								Over all Effi. % as per IS 8034/18	Falcon Max. Overall Effi. in%	Falcon Pump Effi. %
			Pump Only	Pump Set	LPM	2550	2400	2250	2200	2150	2050	1800			
					m ³ /h	153.00	144.00	135.00	132.00	129.00	123.00	108.00			
1	75.0	07	37,920	2,51,600	Total Head in Metre	42	63	84	91	98	105	119	57.27	61.00	65
2	85.0	08	42,180	2,65,130		48	72	96	104	112	120	136	57.27	61.50	65
3	100.0	10	51,150	2,93,110		60	90	120	130	140	150	170	57.96	62.00	65

Model : FMC-0850

Outlet : 4.0" (100mm)

Sr. No.	H.P.	Stg.	Price ₹		Discharge in LPM & m ³ /h in Operating Head Range In Metre								Over all Effi. % as per IS 8034/18	Falcon Max. Overall Effi. in%	Falcon Pump Effi. %
			Pump Only	Pump Set	LPM	2500	2350	2200	2100	2050	1950	1700			
					m ³ /h	150.00	141.00	132.00	126.00	123.00	117.00	102.00			
4	75.0	08	42,180	2,55,860	Total Head in Metre	48	72	96	104	112	120	136	57.27	61.00	65
5	85.0	10	51,150	2,74,100		60	90	120	130	140	150	170	57.27	61.50	65
6	100.0	11	55,950	2,97,910		66	99	132	143	154	165	187	57.96	62.00	65

Model : FMC-0800

Outlet : 4.0" (100mm)

Sr. No.	H.P.	Stg.	Price ₹		Discharge in LPM & m ³ /h in Operating Head Range In Metre								Over all Effi. % as per IS 8034/18	Falcon Max. Overall Effi. in%	Falcon Pump Effi. %
			Pump Only	Pump Set	LPM	2450	2300	2150	2010	1950	1850	1650			
					m ³ /h	147.00	138.00	129.00	120.60	117.00	111.00	99.00			
7	75.0	09	46,860	2,60,540	Total Head in Metre	54	81	108	117	126	135	153	57.27	61.00	65
8	100.0	12	60,280	3,02,240		72	108	144	156	168	180	204	57.96	62.00	65

Model : FMC-0750

Outlet : 4.0" (100mm)

Sr. No.	H.P.	Stg.	Price ₹		Discharge in LPM & m ³ /h in Operating Head Range In Metre								Over all Effi. % as per IS 8034/18	Falcon Max. Overall Effi. in%	Falcon Pump Effi. %
			Pump Only	Pump Set	LPM	2350	2200	1950	1850	1750	1650	1400			
					m ³ /h	141.00	132.00	117.00	111.00	105.00	99.00	84.00			
9	75.0	10	51,150	2,64,830	Total Head in Metre	60	90	120	130	140	150	170	57.27	61.00	67
10	85.0	11	55,950	2,78,900		66	99	132	143	154	165	187	57.27	61.50	67
11	100.0	13	65,200	3,07,160		78	117	156	169	182	195	221	57.96	62.00	67

Model : FMC-0600

Outlet : 4.0" (100mm)

Sr. No.	H.P.	Stg.	Price ₹		Discharge in LPM & m ³ /h in Operating Head Range In Metre								Over all Effi. % as per IS 8034/18	Falcon Max. Overall Effi. in%	Falcon Pump Effi. %
			Pump Only	Pump Set	LPM	2200	1950	1700	1600	1500	1400	1130			
					m ³ /h	132.00	117.00	102.00	96.00	90.00	84.00	67.80			
12	75.0	12	60,280	2,73,960	Total Head in Metre	72	108	144	156	168	180	204	55.61	60.50	73
13	85.0	14	69,570	2,92,520		84	126	168	182	196	210	238	55.61	61.00	73
14	100.0	16	79,010	3,20,970		96	144	192	208	224	240	272	56.28	61.50	73

Model : FMC-0500

Outlet : 4.0" (100mm)

Sr. No.	H.P.	Stg.	Price ₹		Discharge in LPM & m ³ /h in Operating Head Range In Metre								Over all Effi. % as per IS 8034/18	Falcon Max. Overall Effi. in%	Falcon Pump Effi. %
			Pump Only	Pump Set	LPM	1620	1450	1300	1200	1110	1020	750			
					m ³ /h	97.20	87.00	78.00	72.00	66.60	61.20	45.00			
15	75.0	14	69,570	2,83,250	Total Head in Metre	84	126	168	182	196	210	238	54.78	60.00	74
16	85.0	16	79,010	3,01,960		96	144	192	208	224	240	272	57.78	61.00	74

V-8 FMC Pump

Cast Iron Bowl & S.S.410 Impeller with CED Coated Cast Iron Parts V8 FMC Pumps

V-8 FMC (384) Bowlset Performance Data

Sr. No.	MODEL	Bowls Length in MM	Installation Head Range (Uniform Output) Head in Mtr. Min.-Max.	Discharge In Head Range LPM to LPM
1	FMC-1000	130	9-15	2400-2050
2	FMC-0850	130	9-15	2350-1950
3	FMC-0800	130	9-15	2300-1850
4	FMC-0750	130	9-15	2200-1650
5	FMC-0700	130	9-15	2160-1550
6	FMC-0600	130	9-15	1950-1400
7	FMC-0500	130	9-15	1450-1020
8	FMC-0400	130	9-15	1350-800
9	FMC-0330	120	9-15	1050-650
10	FMC-0250	120	9-14	900-540

V-9 Deluxe Water Filled Three Phase Motor

COPPER ROTOR	H.P.	Price ₹
	075	2,13,680
	085	2,22,950
	100	2,41,960



FMC (384) Series Bowlset

V-8 180Ø DELUXE Water Filled Three Phase Motor

COPPER ROTOR	H.P.	Price ₹
	15.0	80,100
	20.0	90,340
	25.0	92,130
	30.0	1,00,200
	35.0	1,08,530
	42.0	1,17,450
	45.0	1,20,930
	50.0	1,31,540
	60.0	1,42,690
	75.0	1,85,210
	85.0	1,98,490
	100.0	2,09,370

V-6 Universal (Three Piece) Motor

COPPER ROTOR	H.P.	Price ₹
	10.0	48,450
	12.5	54,860
	15.0	58,250
	17.5	62,970
	20.0	69,420
	25.0	74,300
	30.0	85,010



V8/V8

**V8/V6
JANTA**

V-8 HFQ Pump With V-8 Deluxe Motor - Three Phase (182mm Ø)



Cast Iron Bowl & S.S.410 Impeller with CED Coated Cast Iron Parts V8 HFQ Pumps
Suitable for 8.0" and above dia. Borewell, 50Hz - 415 Volt.

Model : HFQ-1100 Outlet : 4.0" (100mm)

Sr. No.	H.P.	Stg.	Price ₹		Discharge in LPM & m ³ /h in Operating Head Range In Metre								Over all Effi. % as per IS 8034/18	Falcon Pump Effi. %
			Pump Only	Pumpset (180Ø Motor)	LPM	2750	2550	2400	2330	2250	2150	1830		
					m/h	165.0	153.0	144.0	139.8	135.0	129.0	109.8		
1	20.0	02	16,480	1,06,820	-	12	18	24	26	28	30	34	55.20	56.00
2	30.0	03	20,700	1,20,900	-	18	27	36	39	42	45	51	55.20	57.00
3	42.0	04	25,150	1,42,600	-	24	36	48	52	56	60	68	55.89	58.00

Model : HFQ-1000 Outlet : 4.0" (100mm)

Sr. No.	H.P.	Stg.	Price ₹		Discharge in LPM & m ³ /h in Operating Head Range In Metre								Over all Effi. % as per IS 8034/18	Falcon Pump Effi. %
			Pump Only	Pumpset (180Ø Motor)	LPM	2550	2400	2250	2200	2150	2050	1800		
					m/h	153.0	144.0	135.0	132.0	129.0	123.0	108.0		
4	25.0	03	20,700	1,12,830	-	18	27	36	39	42	45	51	55.40	56.00
5	35.0	04	25,150	1,33,680	-	24	36	48	52	56	60	68	55.89	58.00

Model : HFQ-850 Outlet : 4.0" (100mm)

Sr. No.	H.P.	Stg.	Price ₹		Discharge in LPM & m ³ /h in Operating Head Range In Metre								Over all Effi. % as per IS 8034/18	Falcon Pump Effi. %
			Pump Only	Pumpset (180Ø Motor)	LPM	2500	2350	2200	2100	2050	1950	1700		
					m/h	150.0	141.0	132.0	126.0	123.0	117.0	102.0		
6	15.0	02	16,480	96,580	-	12	18	24	26	28	30	34	55.89	52.00
7	30.0	04	25,150	1,25,350	-	24	36	48	52	56	90	68	56.58	56.00
8	42.0	05	29,410	1,46,860	-	30	45	60	63	70	75	85	57.00	58.00

Model : HFQ-800 Outlet : 4.0" (100mm)

Sr. No.	H.P.	Stg.	Price ₹		Discharge in LPM & m ³ /h in Operating Head Range In Metre								Over all Effi. % as per IS 8034/18	Falcon Pump Effi. %
			Pump Only	Pumpset (180Ø Motor)	LPM	2450	2300	2150	2010	1950	1860	1650		
					m/h	147.0	138.0	129.0	120.6	117.0	111.6	99.0		
8	20.0	03	20,700	1,11,040	-	18	27	36	39	42	45	51	55.20	53.00
9	25.0	04	25,150	1,17,280	-	24	36	48	52	56	60	68	55.20	54.00
10	35.0	05	29,410	1,37,940	-	30	45	60	65	70	75	85	55.89	57.00
11	42.0	06	33,660	1,51,110	-	36	54	72	78	84	90	102	55.89	58.00

Model : HFQ-700 Outlet : 4.0" (100mm)

Sr. No.	H.P.	Stg.	Price ₹		Discharge in LPM & m ³ /h in Operating Head Range In Metre								Over all Effi. % as per IS 8034/18	Falcon Max. Overall Eff. %
			Pump Only	Pumpset (180Ø Motor)	LPM	2300	2160	1860	1740	1700	1550	1300		
					m/h	138.0	129.6	111.6	104.4	102.0	93.0	78.0		
12	30.0	05	29,410	1,29,610	-	30	45	60	65	70	75	85	54.40	55.00
13	35.0	06	33,660	1,42,190	-	36	54	72	78	84	90	102	55.76	56.00

V-8 HFQ Pump With V-8 Deluxe Motor - Three Phase (182mm Ø)



Cast Iron Bowl & S.S.410 Impeller with CED Coated Cast Iron Parts V8 HFQ Pumps

Suitable for 8.0" and above dia. Borewell, 50Hz - 415 Volt.

Model : HFQ-600

Outlet : 4.0" (100mm)

Sr. No.	H.P.	Stg.	Price ₹		Discharge in LPM & m ³ /h in Operating Head Range In Metre								Over all Effi. % as per IS 8034/18	Falcon Max. Overall Eff. %
			Pump Only	Pumpset (180Ø Motor)	LPM	2200	1950	1700	1600	1500	1400	1130		
					m/h	132.0	117.0	102.0	96.0	90.0	84.0	67.8		
						6	9	12	13	14	15	17		
14	15.0	03	20,700	1,00,800	-	18	27	36	39	42	45	51	52.26	52.00
15	20.0	04	25,150	1,15,490	-	24	36	48	52	56	60	68	53.60	53.00
16	25.0	05	29,410	1,21,540	-	30	45	60	65	70	75	85	53.60	54.00
17	30.0	06	33,660	1,33,860	-	36	54	72	78	84	90	102	53.60	55.00
18	35.0	07	38,260	1,46,790	-	42	63	84	91	98	105	119	54.27	56.00
19	42.0	08	42,560	1,60,010	-	48	72	96	104	112	120	136	54.27	57.00

Model : HFQ-500

Outlet : 4.0" (100mm)

Sr. No.	H.P.	Stg.	Price ₹		Discharge in LPM & m ³ /h in Operating Head Range In Metre								Over all Effi. % as per IS 8034/18	Falcon Max. Overall Eff. %
			Pump Only	Pumpset (180Ø Motor)	LPM	1620	1450	1300	1200	1110	1020	750		
					m/h	97.2	87.0	78.0	72.0	66.6	61.2	45.0		
						6	9	12	13	14	15	17		
20	15.0	04	25,150	1,05,250	-	24	36	48	52	56	60	68	51.48	51.00
21	20.0	05	29,410	1,19,750	-	30	45	60	65	70	75	85	52.80	52.00
22	25.0	06	33,660	1,25,790	-	36	54	72	78	84	90	102	52.80	52.50
23	30.0	07	38,260	1,38,460	-	42	63	84	91	98	105	119	52.80	53.50
24	35.0	08	42,560	1,51,090	-	48	72	96	104	112	120	136	53.46	54.50

Model : HFQ-400

Outlet : 4.0" (100mm)

Sr. No.	H.P.	Stg.	Price ₹		Discharge in LPM & m ³ /h in Operating Head Range In Metre								Over all Effi. % as per IS 8034/18	Falcon Max. Overall Eff. %
			Pump Only	Pumpset (180Ø Motor)	LPM	1500	1350	1100	1000	900	800	500		
					m/h	90.0	81.0	66.0	60.0	54.0	48.0	30.0		
						6	9	12	13	14	15	17		
25	15.0	05	29,410	1,09,510	-	30	45	60	65	70	75	85	49.92	50.00
26	20.0	06	33,660	1,24,000	-	36	54	72	78	84	90	102	51.20	51.00
27	25.0	07	38,260	1,30,390	-	42	63	84	91	98	105	119	51.20	53.00
28	30.0	08	42,560	1,42,760	-	48	72	96	104	112	120	136	51.20	54.00

V-8 HFQ Pump With V6 3-PC Motor (Janta)- Three Phase

 Falcon
A MACHINE FOR MINING

Cast Iron Bowl & S.S.410 Impeller with CED Coated Cast Iron Parts V8 HFQ Pumps
Suitable for 8.0" and above dia. Borewell, 50Hz - 415 Volt.

Model : HFQ-1100

Outlet : 4.0" (100mm)

Sr. No.	H.P.	Stg.	Price ₹		Discharge in LPM & m ³ /h in Operating Head Range In Metre								Over all Effi. % as per IS 8034/18	Falcon Max. Overall Eff. %
			Pump Only	Pumpset	LPM	2700	2550	2400	2330	2250	2150	1830		
					m/h	162.0	153.0	144.0	139.8	135.0	129.0	109.8		
						6	9	12	13	14	15	17		
1	20.0	02	15,100	84,520	-	12	18	24	26	28	30	36	55.20	56.00
2	30.0	03	19,310	1,04,320	-	18	27	36	39	42	45	54	55.20	57.00

Model : HFQ-1000

Outlet : 4.0" (100mm)

Sr. No.	H.P.	Stg.	Price ₹		Discharge in LPM & m ³ /h in Operating Head Range In Metre								Over all Effi. % as per IS 8034/18	Falcon Max. Overall Eff. %
			Pump Only	Pumpset	LPM	2550	2400	2250	2200	2150	2050	1800		
					m/h	153.00	144.00	135.00	132.00	129.00	123.00	108.00		
						6	9	12	13	14	15	17		
2	17.5	02	15,100	78,070	-	12	18	24	26	28	30	34	54.51	53.00
3	25.0	03	19,310	93,610	-	18	27	118.5	114	42	45	51	55.20	55.00

Model : HFQ-850

Outlet : 4.0" (100mm)

Sr. No.	H.P.	Stg.	Price ₹		Discharge in LPM & m ³ /h in Operating Head Range In Metre								Over all Effi. % as per IS 8034/18	Falcon Max. Overall Eff. %
			Pump Only	Pumpset	LPM	2500	2350	2200	2100	2050	1950	1700		
					m/h	150.00	141.00	132.00	126.00	123.00	117.00	102.00		
						6	9	12	13	14	15	17		
4	15.0	02	15,100	73,350	-	12	18	24	26	28	30	34	55.89	52.00
5	30.0	04	23,750	1,08,760	-	24	36	48	52	56	90	72	56.58	56.00

Model : HFQ-800

Outlet : 4.0" (100mm)

Sr. No.	H.P.	Stg.	Price ₹		Discharge in LPM & m ³ /h in Operating Head Range In Metre								Over all Effi. % as per IS 8034/18	Falcon Max. Overall Eff. %
			Pump Only	Pumpset	LPM	2450	2300	2150	2010	1950	1850	1650		
					m/h	147.00	138.00	129.00	120.60	117.00	111.00	99.00		
					-	6	9	12	13	14	15	17		
6	20.0	03	19,310	88,730	-	18	27	36	39	42	45	51	55.20	53.50
7	25.0	04	23,750	98,050	-	24	36	48	52	56	60	68	55.20	54.00

Model : HFQ-750

Outlet : 4.0" (100mm)

Sr. No.	H.P.	Stg.	Price ₹		Discharge in LPM & m ³ /h in Operating Head Range In Metre								Over all Effi. % as per IS 8034/18	Falcon Max. Overall Eff. %
			Pump Only	Pumpset	LPM	2350	2200	1950	1850	1750	1650	1400		
					m/h	141.00	132.00	117.00	111.00	105.00	99.00	84.00		
						6	9	12	13	14	15	17		
8	17.5	03	19,310	82,280	-	18	27	36	39	42	45	51	53.72	52.50

Model : HFQ-700

Outlet : 4.0" (100mm)

Sr. No.	H.P.	Stg.	Price ₹		Discharge in LPM & m ³ /h in Operating Head Range In Metre								Over all Effi. % as per IS 8034/18	Falcon Max. Overall Eff. %
			Pump Only	Pumpset	LPM	2300	2160	1860	1740	1700	1550	1300		
					m/h	138.00	129.60	111.60	104.40	102.00	93.00	78.00		
						6	9	12	13	14	15	17		
9	12.5	02	15,100	69,960	-	12	18	24	26	28	30	34	54.40	51.50
10	30.0	05	28,010	1,13,020	-	30	45	60	65	70	75	85	55.76	55.00

V-8 HFQ Pump With V6 3-PC Motor (Janta)- Three Phase



Cast Iron Bowl & S.S.410 Impeller with CED Coated Cast Iron Parts V8 HFQ Pumps

Suitable for 8.0" and above dia. Borewell, 50Hz - 415 Volt.

Model : HFQ-600

Outlet : 4.0" (100mm)

Sr. No.	H.P.	Stg.	Price ₹		Discharge in LPM & m ³ /h in Operating Head Range In Metre								Over all Effi. % as per IS 8034/18	Falcon Max. Overall Eff. %
			Pump Only	Pumpset	LPM	2200	1950	1700	1600	1500	1400	1130		
					m ³ /h	132.00	117.00	102.00	96.00	90.00	84.00	67.80		
					-	6	9	12	13	14	15	17		
11	10.0	02	15,100	63,550	-	12	18	24	26	28	30	34	50.92	50.50
12	15.0	03	19,310	77,560	-	18	27	36	39	42	45	51	52.26	51.50
13	20.0	04	23,750	93,170	-	24	36	48	52	56	60	68	53.60	52.50
14	25.0	05	28,010	1,02,310	-	30	45	60	65	70	75	85	53.60	53.00
15	30.0	06	32,270	1,17,280	-	36	54	72	78	84	90	102	53.60	54.00

Model : HFQ-500

Outlet : 4.0" (100mm)

Sr. No.	H.P.	Stg.	Price ₹		Discharge in LPM & m ³ /h in Operating Head Range In Metre								Over all Effi. % as per IS 8034/18	Falcon Max. Overall Eff. %
			Pump Only	Pumpset	LPM	1620	1450	1300	1200	1110	1020	750		
					m ³ /h	97.20	87.00	78.00	72.00	66.60	61.20	45.00		
					-	6	9	12	13	14	15	17		
16	7.5	02	15,100	57,380	-	12	18	24	26	28	30	34	48.64	50.00
17	12.5	03	19,310	74,170	-	18	27	36	39	42	45	51	50.82	51.00
18	15.0	04	23,750	82,000	-	24	36	48	52	56	60	68	51.48	51.50
19	20.0	05	28,010	97,430	-	30	45	60	65	70	75	85	52.80	52.00
20	25.0	06	32,270	1,06,570	-	36	54	72	78	84	90	102	52.80	52.50

Model : HFQ-400

Outlet : 4.0" (100mm)

Sr. No.	H.P.	Stg.	Price ₹		Discharge in LPM & m ³ /h in Operating Head Range In Metre								Over all Effi. % as per IS 8034/18	Falcon Max. Overall Eff. %
			Pump Only	Pumpset	LPM	1500	1350	1100	1000	900	800	500		
					m ³ /h	90.00	81.00	66.00	60.00	54.00	48.00	30.00		
					-	6	9	12	13	14	15	17		
21	10.0	03	19,310	67,760	-	18	27	36	39	42	45	51	49	50.50
22	20.0	06	32,270	1,01,690	-	36	54	72	78	84	90	102	51.20	51.50
23	25.0	07	36,860	1,11,160	-	42	63	96	104	112	120	136	51.20	52.00

V-8 HFQ Bowlset Performance Data

Sr. No.	MODEL	Bowls Length in MM	Installation Head Range (Uniform Output) Head in Mtr Min-Max	Discharge In Head Range LPM to LPM
1	HFQ-1100	130	12-15	2400 - 2150
2	HFQ-1000	130	12-15	2250 - 2050
3	HFQ-850	130	12-15	2200 - 1950
4	HFQ-800	130	12-15	2150 - 1860
5	HFQ-750	130	12-15	1950 - 1650
6	HFQ-700	130	12-15	1860 - 1550
7	HFQ-600	130	12-15	1700 - 1400
8	HFQ-500	130	12-15	1300 - 1020
9	HFQ-400	130	12-15	1100 - 800

V-8 180Ø DELUXE Water Filled Three Phase Motor

COPPER ROTOR	H.P.	Price ₹
	15.0	80,100
	20.0	90,340
	25.0	92,130
	30.0	1,00,200
	35.0	1,08,530
	42.0	1,17,450
	45.0	1,20,930
	50.0	1,31,540
	60.0	1,42,690
	75.0	1,85,210

V-6 Universal (Three Piece) Water Filled Three Phase Motor

COPPER ROTOR	H.P.	Price ₹
	07.5	42,280
	10.0	48,450
	12.5	54,860
	15.0	58,250
	17.5	62,970
	20.0	69,420
	25.0	74,300
	30.0	85,010



HFQ Series Bowlset



V-8 HRS Pump With V-8 Deluxe Motor - Three Phase



S.S. 410 Grade Bowls & Impellers with CED Coated Cast Iron Parts V8 HRS Pump.
Suitable for 8.0" and above dia. Borewell, 50Hz - 415 Volt.

Model : HRS-750

Outlet : 4.0" (100mm)

Sr. No.	H.P.	Stg.	PRICE ₹			Discharge in LPM & m ³ /h in Operating Head Range In Metre								Over all Effi. % as per IS 8034/18	Falcon Max. Overall Effi. in%	Falcon Pump Effi. %
			Pump Only	Pump Set with		LPM	1450	1350	1250	1130	1040	820	660			
				V8-172Ø Motor	V8-180Ø Motor	m ³ /h	87.00	81.00	75.00	67.80	62.40	49.20	39.60			
							12	15	18	21	23	27	30			
1	15.0	02	22,100	1,01,480	1,02,200	Total Head in Metre	24	30	36	42	46	54	60	54.15	55.00	68.00
2	20.0	03	27,850	1,17,370	1,18,190		36	45	54	63	69	81	90	55.20	55.50	68.00
3	30.0	04	33,710	1,45,200	1,33,910		48	60	72	84	92	108	120	55.80	56.00	68.00
4	35.0	05	39,670	1,60,430	1,48,200		60	75	90	105	115	135	150	55.80	56.50	68.00
5	42.0	06	45,730	1,80,200	1,63,180		72	90	108	126	138	162	180	56.58	57.00	68.00
6	50.0	07	51,900	1,99,670	1,83,440		84	105	126	147	161	189	210	56.90	57.50	68.00
7	60.0	08	57,650	-	2,00,340		96	120	144	168	184	216	240	57.27	58.00	68.00
8	75.0	10	78,090	-	2,63,300		120	150	180	210	230	270	300	58.00	58.50	68.00
9	85.0	11	84,680	-	2,83,170		132	165	198	231	253	297	330	56.27	59.00	68.00
10	100.0	13	97,330	-	3,06,700		156	195	234	273	299	351	390	58.91	59.00	68.00

Model : HRS-600

Outlet : 4.0" (100mm)

Sr. No.	H.P.	Stg.	PRICE ₹			Discharge in LPM & m ³ /h in Operating Head Range In Metre								Over all Effi. % as per IS 8034/18	Falcon Max. Overall Effi. in%	Falcon Pump Effi. %
			Pump Only	Pump Set with		LPM	1180	1080	1000	910	840	680	510			
				V8-172Ø Motor	V8-180Ø Motor	m ³ /h	70.80	64.80	60.00	54.60	50.40	40.80	30.60			
							12	15	18	21	23	27	30			
11	25.0	04	32,950	1,35,430	1,25,080	Total Head in Metre	48	60	72	84	92	108	120	53.40	54.00	67.00
12	30.0	05	38,700	1,50,190	1,38,900		60	75	90	105	115	135	150	54.60	55.00	67.00
13	35.0	06	44,570	1,65,330	1,53,100		72	90	108	126	138	162	180	55.40	55.50	67.00
14	42.0	07	50,520	1,84,990	1,67,970		84	105	126	147	161	189	210	55.76	56.00	67.00
15	50.0	08	56,080	2,03,850	1,87,620		96	120	144	168	184	216	240	56.30	57.00	67.00
16	50.0	09	62,180	2,09,950	1,93,720		108	135	162	189	207	243	270	56.90	57.50	67.00
17	60.0	10	68,390	-	2,11,080		120	150	180	210	230	270	300	57.60	56.00	67.00
18	75.0	12	88,930	-	2,74,140		144	180	216	252	276	324	360	56.95	58.50	67.00
19	85.0	14	1,01,300	-	2,99,790		168	210	252	294	322	378	420	58.90	59.00	67.00
20	100.0	16	1,13,860	-	3,23,230		192	240	288	336	368	432	480	58.00	60.00	67.00

Model : HRS-500

Outlet : 3.0" (75mm)

Sr. No.	H.P.	Stg.	PRICE ₹			Discharge in LPM & m ³ /h in Operating Head Range In Metre								Over all Effi. % as per IS 8034/18	Falcon Max. Overall Effi. in%	Falcon Pump Effi. %
			Pump Only	Pump Set with		LPM	930	900	800	720	650	560	450			
				V8-172Ø Motor	V8-180Ø Motor	m ³ /h	55.80	54.00	48.00	43.20	39.00	33.60	27.00			
							12	15	18	21	23	27	30			
21	15.0	03	26,520	1,05,900	1,06,620	Total Head in Metre	36	45	54	63	69	81	90	52.14	52.50	66.00
22	20.0	04	31,920	1,21,440	1,22,260		48	60	72	84	92	108	120	25.80	53.00	66.00
23	25.0	05	37,410	1,39,890	1,29,540		60	75	90	105	115	135	150	53.40	53.50	66.00
24	30.0	06	43,000	1,54,490	1,43,200		72	90	108	126	138	162	180	53.80	54.00	66.00
25	35.0	07	48,680	1,69,440	1,57,210		84	105	126	147	161	189	210	53.80	54.00	66.00
26	42.0	08	53,980	1,88,450	1,71,430		96	120	144	168	184	216	240	54.12	54.50	66.00
27	50.0	10	65,710	2,13,480	1,97,250		120	150	180	210	230	270	300	54.80	55.00	66.00
28	60.0	12	85,660	-	2,28,350		144	180	216	252	276	324	360	55.20	55.50	66.00
29	75.0	15	1,02,980	-	2,88,190		180	225	270	315	345	405	450	55.50	56.00	66.00

V-8 HRS Pump With V-8 Deluxe Motor - Three Phase

 Falcon
A MACHINE FOR BANKING

S.S. 410 Grade Bowls & Impellers with CED Coated Cast Iron Parts V8 HRS Pump.
Suitable for 8.0" and above dia. Borewell, 50Hz - 415 Volt.

Model : **HRS-400**

Outlet : **3.0" (75mm)**

Sr. No.	H.P.	Stg.	PRICE ₹			Discharge in LPM & m ³ /h in Operating Head Range In Metre								Over all Effi. % as per IS 8034/18	Falcon Max. Overall Effi. in%	Falcon Pump Effi. %
			Pump Only	Pump Set with		LPM	710	670	615	565	500	420	340			
				V8-172Ø Motor	V8-180Ø Motor	m ³ /h	42.60	40.20	36.90	33.90	30.00	25.20	20.40			
							12	15	18	21	23	27	30			
30	15.0	04	30,990	1,10,370	1,11,090	Total Head in Metre	48	60	72	84	92	108	120	48.20	49.00	63.00
31	20.0	05	36,240	1,25,760	1,26,580		60	75	90	105	115	135	150	48.80	50.00	63.00
32	25.0	06	41,570	1,44,050	1,33,700		72	90	108	126	138	162	180	49.50	50.50	63.00
33	30.0	08	52,060	1,63,550	1,52,260		96	120	144	168	184	216	240	50.50	51.00	63.00
34	35.0	09	57,620	1,78,380	1,66,150		108	135	162	189	207	243	270	50.50	51.50	63.00
35	42.0	10	63,270	1,97,740	1,80,720		120	150	180	210	230	270	300	50.98	52.00	63.00
36	50.0	12	82,690	2,30,460	2,14,230		144	180	216	252	276	324	360	51.69	52.50	63.00
37	60.0	15	99,230	-	2,41,920		180	225	270	315	345	405	450	52.30	53.00	63.00

Model : **HRS-330**

Outlet : **3.0" (75mm)**

Sr. No.	H.P.	Stg.	PRICE ₹			Discharge in LPM & m ³ /h in Operating Head Range In Metre								Over all Effi. % as per IS 8034/18	Falcon Max. Overall Effi. in%	Falcon Pump Effi. %
			Pump Only	Pump Set with		LPM	620	580	540	470	410	325	250			
				V8-172Ø Motor	V8-180Ø Motor	m ³ /h	37.20	34.80	32.40	28.20	24.60	19.50	15.00			
							12	15	18	21	24	27	30			
38	15.0	05	36,140	1,15,520	1,16,240	Total Head in Metre	60	75	90	105	120	135	150	46.00	48.00	62.00
39	20.0	06	41,450	1,30,970	1,31,790		72	90	108	126	144	162	180	46.80	49.50	62.00
40	25.0	08	51,890	1,54,370	1,44,020		96	120	144	168	192	216	240	47.00	50.50	62.00
41	30.0	09	57,430	1,68,920	1,57,630		108	135	162	189	216	243	270	47.50	51.00	62.00
42	35.0	11	68,780	1,89,540	1,77,310		132	165	198	231	264	297	330	47.50	51.00	62.00
43	42.0	13	87,640	2,22,110	2,05,090		156	195	234	273	312	351	390	47.98	51.50	62.00
44	50.0	15	98,910	2,46,680	2,30,450		180	225	270	315	360	405	450	48.69	52.00	62.00
45	60.0	18	1,15,660	-	2,58,350		216	270	324	378	432	486	540	49.30	52.50	62.00

V-8 HRS Pump With V6 Motor (Janta)



S.S. 410 grade Bowls & Impellers with CED Coated Cast Iron Parts V8 HRS Pump

Suitable for 8.0" and above dia. Borewell, 50Hz - 415 Volt.

Model : HRS-750

Outlet : 4.0" (100mm)

Sr. No.	H.P.	Stg.	PRICE ₹			Discharge in LPM & m ³ /h in Operating Head Range In Metre								Over all Effi. % as per IS 8034/18	Falcon Max. Overall Effi. in%	Falcon Pump Effi. %
			Pump Only	Pumpset (V6-Prm Motor)	Pumpset (V6 3-Pc Motor)	LPM	1450	1350	1250	1130	1040	820	660			
						m ³ /h	87.00	81.00	75.00	67.80	62.40	49.20	39.60			
1	15.0	02	22,100	88,610	80,350	Total Head in Metre	24	30	36	42	46	54	60	50.70	56.00	68
2	20.0	03	27,850	1,07,400	97,270		36	45	54	63	69	81	90	52.00	56.50	68
3	30.0	04	33,710	1,34,280	1,18,720		48	60	72	84	92	108	120	50.40	56.00	68

Model : HRS-600

Outlet : 4.0" (100mm)

Sr. No.	H.P.	Stg.	PRICE ₹			Discharge in LPM & m ³ /h in Operating Head Range In Metre								Over all Effi. % as per IS 8034/18	Falcon Max. Overall Effi. in%	Falcon Pump Effi. %
			Pump Only	Pumpset (V6-Prm Motor)	Pumpset (V6 3-Pc Motor)	LPM	1180	1080	1000	910	840	680	510			
						m ³ /h	70.80	64.80	60.00	54.60	50.40	40.80	30.60			
4	12.5	02	21,720	81,140	76,580	Total Head in Metre	24	30	36	42	46	54	60	45.75	53.00	67
5	20.0	03	27,290	1,06,840	96,710		36	45	54	63	69	81	90	47.58	53.50	67
6	25.0	04	32,950	1,23,090	1,07,250		48	60	72	84	92	108	120	48.19	54.00	67
7	30.0	05	38,700	1,39,270	1,23,710		60	75	90	105	115	135	150	48.80	55.00	67

Model : HRS-500

Outlet : 3.0" (75mm)

Sr. No.	H.P.	Stg.	PRICE ₹			Discharge in LPM & m ³ /h in Operating Head Range In Metre								Over all Effi. % as per IS 8034/18	Falcon Max. Overall Effi. in%	Falcon Pump Effi. %
			Pump Only	Pumpset (V6-Prm Motor)	Pumpset (V6 3-Pc Motor)	LPM	930	900	800	720	650	560	450			
						m ³ /h	55.80	54.00	48.00	43.20	39.00	33.60	27.00			
8	10.0	02	21,220	72,130	69,670	Total Head in Metre	24	30	36	42	46	54	60	43.60	52.00	66
9	15.0	03	26,520	93,030	84,770		36	45	54	63	69	81	90	44.84	52.50	66
10	20.0	04	31,920	1,11,470	1,01,340		48	60	72	84	92	108	120	46.02	53.00	66
11	25.0	05	37,410	1,27,550	1,11,710		60	75	90	105	115	135	150	46.61	53.50	66
12	30.0	06	43,000	1,43,570	1,28,010		72	90	108	126	138	162	180	47.20	54.00	66

Model : HRS-400

Outlet : 3.0" (75mm)

Sr. No.	H.P.	Stg.	PRICE ₹			Discharge in LPM & m ³ /h in Operating Head Range In Metre								Over all Effi. % as per IS 8034/18	Falcon Max. Overall Effi. in%	Falcon Pump Effi. %
			Pump Only	Pumpset (V6-Prm Motor)	Pumpset (V6 3-Pc Motor)	LPM	710	670	615	565	500	420	340			
						m ³ /h	42.60	40.20	36.90	33.90	30.00	25.20	20.40			
13	07.5	02	20,760	63,640	63,040	Total Head in Metre	24	30	36	42	46	54	60	41.61	47.50	63
14	12.5	03	25,830	85,250	80,690		36	45	54	63	69	81	90	42.75	48.50	63
15	15.0	04	30,990	97,500	89,240		48	60	72	84	92	108	120	43.32	49.00	63
16	20.0	05	36,240	1,15,790	1,05,660		60	75	90	105	115	135	150	44.46	50.00	63
17	25.0	06	41,570	1,31,710	1,15,870		72	90	108	126	135	162	180	45.03	50.50	63
18	30.0	08	52,060	1,52,630	1,37,070		96	120	144	168	184	216	240	45.80	51.00	63

Model : HRS-330

Outlet : 3.0" (75mm)

Sr. No.	H.P.	Stg.	PRICE ₹			Discharge in LPM & m ³ /h in Operating Head Range In Metre								Over all Effi. % as per IS 8034/18	Falcon Max. Overall Effi. in%	Falcon Pump Effi. %
			Pump Only	Pumpset (V6-Prm Motor)	Pumpset (V6 3-Pc Motor)	LPM	620	580	540	470	410	325	250			
						m ³ /h	37.20	34.80	32.40	28.20	24.60	19.50	15.00			
19	10.0	03	25,770	76,680	74,220	Total Head in Metre	36	45	54	63	72	81	90	42.70	45.50	62
20	15.0	05	36,140	1,02,650	94,390		60	75	90	105	120	135	150	43.35	46.50	62
21	20.0	06	41,450	1,21,000	1,10,870		72	90	108	126	144	162	180	44.00	47.00	62
22	25.0	08	51,890	1,42,030	1,26,190		96	120	144	168	192	216	240	44.65	47.50	62
23	30.0	09	57,430	1,58,000	1,42,440		108	135	162	189	216	243	270	44.98	48.00	62

V-8 HRS Pump With V-9 Motor - (Janta)



S.S.410 grade Bowls & Impellers with CED Coated Cast Iron Parts V8 HRS Pump
Suitable for 8.0" and above dia. Borewell, 50Hz - 415 Volt.

Model : HRS-750

Outlet : 4.0" (100mm)

Sr. No.	H.P.	Stg.	PRICE ₹		Discharge in LPM & m³/h in Operating Head Range In Metre								Over all Effi. % as per IS 8034/18	Falcon Max. Overall Effi. in%	Falcon Pump Effi. in%
			Pump Only	Pump Set	LPM	1450	1350	1250	1130	1040	820	660			
					m³/h	87.00	81.00	75.00	67.80	62.40	49.20	39.60			
1	75.0	10	78,090	2,91,770	Total Head in Mtr	120	150	180	210	230	270	300	58.00	58.50	68
2	85.0	11	84,680	3,07,630		132	165	198	231	253	297	330	57.95	59.00	68
3	100.0	13	97,330	3,39,290		156	195	234	273	299	351	390	58.91	59.00	68

Model : HRS-600

Outlet : 4.0" (100mm)

Sr. No.	H.P.	Stg.	PRICE ₹		Discharge in LPM & m³/h in Operating Head Range In Metre								Over all Effi. % as per IS 8034/18	Falcon Max. Overall Effi. in%	Falcon Pump Effi. in%
			Pump Only	Pump Set	LPM	1180	1080	1000	910	840	680	510			
					m³/h	70.80	64.80	60.00	54.60	50.40	40.80	30.60			
4	75.0	12	88,930	3,02,610	Total Head in Mtr	144	180	216	252	276	324	360	56.95	58.00	67
5	85.0	14	1,01,300	3,24,250		168	210	252	294	322	378	420	58.38	59.00	67
6	100.0	16	1,13,860	3,55,820		192	240	288	336	368	432	480	58.00	60.00	67

Model : HRS-500

Outlet : 3.0" (75mm)

Sr. No.	H.P.	Stg.	PRICE ₹		Discharge in LPM & m³/h in Operating Head Range In Metre								Over all Effi. % as per IS 8034/18	Falcon Max. Overall Effi. in%	Falcon Pump Effi. in%
			Pump Only	Pump Set	LPM	930	900	800	720	650	560	450			
					m³/h	55.80	54.00	48.00	43.20	39.00	33.60	27.00			
7	75.0	15	1,02,980	3,16,660	Total Head in Mtr	180	225	270	315	345	405	450	55.50	56.00	66

V-8 HRS Bowlset (Stage) Performance Data				
Sr. No.	MODEL	Bowl Length in mm	Installation Head Range (Uniform Output) Head in Mtr Min-Max	Discharge in Head Range LPM to LPM
1	HRS-750	70	15 - 30	1370 - 660
2	HRS-600	60	15 - 30	1080 - 510
3	HRS-500	56	15 - 30	900 - 450
4	HRS-400	50	15 - 30	670 - 340
5	HRS-330	50	15 - 30	580 - 250

V-8 Deluxe Water Filled Three Phase Motor - Price ₹			
COPPER ROTOR	H.P.	172Ø	180Ø
	15.0	79,380	80,100
	20.0	89,520	90,340
	25.0	1,02,480	92,130
	30.0	1,11,490	1,00,200
	35.0	1,20,760	1,08,530
	42.0	1,34,470	1,17,450
	50.0	1,47,770	1,31,540
	60.0	-	1,42,690
	75.0	-	1,85,210
	85.0	-	1,98,490
	100.0	-	2,09,370

V-9 Deluxe Water Filled Three Phase Motor		
COPPER ROTOR	H.P.	Price ₹
	075	2,13,680
	085	2,22,950
	100	2,41,960

V-6 Water Filled Three Phase Motor - Price ₹			
COPPER ROTOR	H.P.	Premium	3-Piece
	05.0	34,030	33,580
	06.0	37,910	37,680
	07.5	42,880	42,280
	10.0	50,910	48,450
	12.5	59,420	54,860
	15.0	66,510	58,250
	17.5	72,490	62,970
	20.0	79,550	69,420
	25.0	90,140	74,300
	30.0	1,00,570	85,010