

SINGLE PHASE

U-77 (V3) Classic Submersible Pumpset suitable for 77 mm (3") Borewell

Sr. No.	P-Model Sr.No.	Pump Type/ Stage	Motor			Outlet Size	ISI Mark	Discharge								Recom'd Cable (in Sq.mm)				
			Hp.	Kw.	Type			M ³ /H	1.20	1.32	1.56	1.74	2.10	2.40	2.64					
								LPM	20	22	26	29	35	40	44					
1	1	R3-5/10	0.50	0.37	70/12	25mm(1")	---													
2	3	R3-5/15	0.75	0.55	70/18	"	---													
3	4	R3-5/18	1.00	0.75	70/25	"	---													
5	5	R3-5/20	1.00	0.75	70/25	"	---													
6	6	R3-5/22	1.25	0.93	70/30	"	---													
7	7	R3-5/25	1.25	0.93	70/30	"	---													
8	8	R3-5/28	1.50	1.10	70/35	"	---													
								TOTAL	38	36	33	30	23	15	8				1.5	
								HEAD IN METRE S	57	54	50	45	34	23	12				"	
									68	65	59	54	41	27	14			"		
									76	72	66	60	45	30	16			2.5		
									83	79	73	66	50	33	17			"		
									95	90	83	75	56	38	20			"		
								106	101	92	84	63	42	22			"			

Sr. No.	P-Model Sr.No.	Pump Type/ Stage	Motor			Outlet Size	ISI Mark	Discharge								Recom'd Cable (in Sq.mm)				
			Hp.	Kw.	Type			M ³ /H	1.98	2.22	2.40	2.58	3.00	3.36	3.66					
								LPM	33	37	40	43	50	56	61					
9	10	R3-7/07	0.50	0.37	70/12	25mm(1")	---													
10	11	R3-7/08	0.50	0.37	70/12	"	---													
11	12	R3-7/10	0.75	0.55	70/18	"	---													
12	13	R3-7/11	1.00	0.75	70/18	"	---													
13	14	R3-7/12	1.00	0.75	70/25	"	---													
14	15	R3-7/14	1.00	0.75	70/25	"	---													
15	16	R3-7/15	1.00	0.75	70/25	"	---													
16	17	R3-7/16	1.25	0.93	70/30	"	---													
17	19	R3-7/20	1.50	1.10	70/35	"	---													
								TOTAL	27	25	23	21	16	11	6				1.5	
								HEAD IN METRE S	30	29	26	24	18	12	6				"	
									38	36	33	30	23	15	8			"		
									42	40	36	33	25	17	9			"		
									46	43	40	36	27	18	10			"		
									53	50	46	42	32	21	11			"		
								57	54	50	45	34	23	12			"			
								61	58	53	48	36	24	13			"			
								76	72	66	60	45	30	16			2.5			

Sr. No.	P-Model Sr.No.	Pump Type/ Stage	Motor			Outlet Size	ISI Mark	Discharge								Recom'd Cable (in Sq.mm)				
			Hp.	Kw.	Type			M ³ /H	2.46	2.82	3.18	3.60	4.38	4.98	5.34					
								LPM	41	47	53	60	73	83	89					
18	21	R3-10/05	0.50	0.37	70/12	32mm(1.25")	---													
19	22	R3-10/07	0.75	0.55	70/18	"	---													
20	23	R3-10/09	1.00	0.75	70/25	"	---													
21	24	R3-10/10	1.00	0.75	70/25	"	---													
22	25	R3-10/12	1.25	0.93	70/30	"	---													
23	26	R3-10/15	1.50	1.10	70/35	"	---													
								TOTAL	22	21	19	17.5	13	9	5				1.5	
								HEAD IN METRE S	31	29	27	24.5	18	12	6				"	
									40	38	35	31.5	24	16	8			"		
									44	42	39	35	26	18	9			"		
									53	50	46	42	32	21	11			"		
									66	63	58	52.5	39	26	14			"		

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Sr. No.	P-Model Sr.No.	Pump Type/ Stage	Motor			Outlet Size	Discharge							Recom'd Cable (in Sq.mm)	
							M ³ /H	0.18	1.02	1.44	1.62	2.04	2.34		2.52
			Hp.	Kw.	Type		LPM	3	17	24	27	34	39		42
							LPS	0.05	0.28	0.40	0.45	0.57	0.65	0.70	
24	1517	LR3-6/8	0.50	0.37	91/15	25mm(1")	TOTAL	28	24	22	20	15	10	5	1.5
25	1518	LR3-6/12	0.75	0.55	91/15	"	IN	42	36	33	30	22	15	8	"
26	1519	LR3-6/16	1.00	0.75	91/17	"	HEAD	56	48	44	40	30	20	10	"
27	1520	LR3-6/20	1.25	0.93	91/17	"	METERS	70	60	55	50	37	25	12	2.5

Sr. No.	P-Model Sr.No.	Pump Type/ Stage	Motor			Outlet Size	Discharge							Recom'd Cable (in Sq.mm)	
							M ³ /H	0.54	1.62	2.16	3.06	3.78	4.32		4.62
			Hp.	Kw.	Type		LPM	9	27	36	51	63	72		77
							LPS	0.15	0.45	0.60	0.85	1.05	1.20	1.28	
28	1521	LR3-8/6	0.50	0.37	91/15	25mm(1")	TOTAL	17	15	14	12	9	6	4	1.5
29	1522	LR3-8/9	0.75	0.55	91/15	"	IN	25	22	20	18	13	9	6	"
30	1523	LR3-8/12	1.00	0.75	91/17	"	HEAD	34	30	27	24	18	12	8	"
31	1524	LR3-8/15	1.25	0.93	91/17	"	METERS	42	37	33	30	22	15	10	"

Sr. No.	P-Model Sr.No.	Pump Type/ Stage	Motor			Outlet Size	Discharge							Recom'd Cable (in Sq.mm)	
							M ³ /H	0.72	1.62	1.92	2.40	3.18	3.84		4.32
			Hp.	Kw.	Type		LPM	12	27	32	40	53	64		72
							LPS	0.20	0.45	0.53	0.67	0.88	1.07	1.20	
32	1525	LR3-10/5	0.50	0.37	91/15	25mm(1")	TOTAL	19	15	14	12	9	6	3	1.5
33	1526	LR3-10/7	0.75	0.55	91/15	"	IN	26	21	20	17	13	8	4	"
34	1527	LR3-10/10	1.00	0.75	91/17	"	HEAD	38	30	28	25	18	12	6	"
35	1528	LR3-10/12	1.25	0.93	91/17	"	METERS	45	36	33	30	22	14	7	"

Sr. No.	P-Model Sr.No.	Pump Type/ Stage	Motor			Outlet Size	Discharge							Recom'd Cable (in Sq.mm)	
							M ³ /H	0.48	2.16	2.52	3.18	4.20	4.86		5.58
			Hp.	Kw.	Type		LPM	8	36	42	53	70	81		93
							LPS	0.13	0.60	0.70	0.88	1.17	1.35	1.55	
36	1529	LR3-12/4	0.50	0.37	91/15	25mm(1")	TOTAL	15	12	11	10	8	5	3	1.5
37	1530	LR3-12/6	0.75	0.55	91/15	"	IN	23	18	17	15	11	7	4	"
38	1531	LR3-12/8	1.00	0.75	91/17	"	HEAD	30	24	22	20	15	10	5	"
39	1532	LR3-12/10	1.25	0.93	91/17	"	METERS	38	30	28	25	18	12	6	"

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Sr. No.	P-Model Sr.No.	Pump Type/ Stage	Motor			Outlet Size	Discharge								Recom'd Cable (in Sq.mm)
							Hp.	Kw.	Type	M ³ /H	0.60	0.90	1.20	1.80	
			LPM	10	15					20	30	35	40	50	
			LPS	0.17	0.25					0.33	0.50	0.58	0.67	0.83	
40	1533	R3-5/10	0.50	0.37	91/15	25mm(1")	TOTAL	40	38	33	30	25	20	10	1.5
41	1534	R3-5/15	0.75	0.55	91/15	"	IN	60	57	50	45	38	30	15	"
42	1535	R3-5/20	1.00	0.75	91/17	"	HEAD	80	76	67	60	50	40	20	2.5
43	1536	R3-5/25	1.50	0.93	91/17	"	METERS	100	95	84	75	63	50	25	"

Sr. No.	P-Model Sr.No.	Pump Type/ Stage	Motor			Outlet Size	Discharge								Recom'd Cable (in Sq.mm)
							Hp.	Kw.	Type	M ³ /H	0.90	1.20	1.80	2.40	
			LPM	15	20					30	40	45	50	60	
			LPS	0.25	0.33					0.50	0.67	0.75	0.83	1.00	
44	1537	R3-6/8	0.50	0.37	91/15	25mm(1")	TOTAL	32	31	27	24	20	16	8	1.5
45	1538	R3-6/12	0.75	0.55	91/15	"	IN	48	46	40	36	30	24	12	"
46	1539	R3-6/16	1.00	0.75	91/17	"	HEAD	64	61	54	48	40	32	16	"
47	1540	R3-6/20	1.50	1.10	91/17	"	METERS	80	76	67	60	50	40	20	2.5

Sr. No.	P-Model Sr.No.	Pump Type/ Stage	Motor			Outlet Size	Discharge								Recom'd Cable (in Sq.mm)
							Hp.	Kw.	Type	M ³ /H	1.20	1.50	2.10	2.70	
			LPM	20	25					35	45	50	55	65	
			LPS	0.33	0.42					0.58	0.75	0.83	0.92	1.08	
48	1541	R3-8/6	0.50	0.37	91/15	25mm(1")	TOTAL	24	23	20	18	15	12	6	1.5
49	1542	R3-8/9	0.75	0.55	91/15	"	IN	36	35	30	27	23	18	9	"
50	1543	R3-8/12	1.00	0.75	91/17	32mm(1.25")	HEAD	48	46	40	36	30	24	12	"
51	1544	R3-8/15	1.50	1.10	91/17	"	METERS	60	57	50	45	38	30	15	"

Sr. No.	P-Model Sr.No.	Pump Type/ Stage	Motor			Outlet Size	Discharge								Recom'd Cable (in Sq.mm)
							Hp.	Kw.	Type	M ³ /H	1.50	2.10	2.70	3.00	
			LPM	25	35					45	50	55	60	70	
			LPS	0.42	0.58					0.75	0.83	0.92	1.00	1.17	
52	1545	R3-10/5	0.50	0.37	91/15	25mm(1")	TOTAL	20	19	17	15	13	10	5	1.5
53	1546	R3-10/7	0.75	0.55	91/15	"	IN	28	27	24	21	18	14	7	"
54	1547	R3-10/10	1.00	0.75	91/17	32mm(1.25")	HEAD	40	38	33	30	25	20	10	"
55	1548	R3-10/12	1.50	1.10	91/17	"	METERS	48	46	40	36	30	24	12	"

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U-99 (V4) Oil Cooled Standard Submersible Pumpset suitable for 100 mm (4") Borewell

Sr. No.	P-Model Sr.No.	Pump Type/ Stage	Motor			Outlet Size	ISI Mark	Discharge								Recom'd Cable (in Sq.mm)
			Hp.	Kw.	Type			M3/H	0.48	0.78	1.26	1.56	2.22	2.58	2.94	
								LPM	8	13	21	26	37	43	49	
								LPS	0.13	0.22	0.35	0.43	0.62	0.72	0.82	
56	1221	R-6/8	0.50	0.37	90/40	25mm(1")	---	TOTAL HEAD IN METRES	40	38	35	32	24	16	8	1.5
57	1222	R-6/10	0.5	0.37	90/40	"	---		50	48	44	40	30	20	10	"
58	1223	R-6/12	0.75	0.55	90/70	"	---		60	58	53	48	36	24	12	"
59	1224	R-6/13	0.75	0.55	90/70	"	---		65	62	57	52	39	26	13	"
60	1225	R-6/14	1.00	0.75	90/10	"	---		70	67	62	56	42	28	14	"
61	1226	R-6/15	1.00	0.75	90/10	"	ISI		75	72	66	60	45	30	15	"
62	1227	R-6/16	1.00	0.75	90/10	"	ISI		80	77	70	64	48	32	16	"
63	1228	R-6/17	1.00	0.75	90/10	"	---		85	82	75	68	51	34	17	"
64	1229	R-6/18	1.00	0.75	90/10	"	ISI		90	86	79	72	54	36	18	"
65	1230	R-6/20	1.50	1.10	90/15	"	ISI		100	96	88	80	60	40	20	2.5
66	1231	R-6/22	1.50	1.10	90/15	"	ISI		110	106	97	88	66	44	22	"
67	1232	R-6/25	1.50	1.10	90/15	"	ISI		125	120	110	100	75	50	25	"

Sr. No.	P-Model Sr.No.	Pump Type/ Stage	Motor			Outlet Size	ISI Mark	Discharge								Recom'd Cable (in Sq.mm)
			Hp.	Kw.	Type			M3/H	1.44	1.80	2.34	2.64	3.36	3.84	4.26	
								LPM	24	30	39	44	56	64	71	
								LPS	0.40	0.50	0.65	0.73	0.93	1.07	1.18	
68	1233	R-8/6	0.50	0.37	90/40	25mm(1")	---	TOTAL HEAD IN METRES	30	29	26	24	18	12	6	1.5
69	1234	R-8/7	0.50	0.37	90/40	"	---		35	34	31	28	21	14	7	"
70	1235	R-8/9	0.75	0.55	90/70	"	---		45	43	40	36	27	18	9	"
71	1236	R-8/10	0.75	0.55	90/70	"	---		50	48	44	40	30	20	10	"
72	1237	R-8/11	1.00	0.75	90/10	"	---		55	53	48	44	33	22	11	"
73	1238	R-8/12	1.00	0.75	90/10	"	ISI		60	58	53	48	36	24	12	"
74	1239	R-8/13	1.00	0.75	90/10	"	---		65	62	57	52	39	26	13	"
75	1240	R-8/15	1.50	1.10	90/15	"	---		75	72	66	60	45	30	15	"
76	1241	R-8/16	1.50	1.10	90/15	"	ISI		80	77	70	64	48	32	16	"
77	1242	R-8/18	1.50	1.10	90/15	"	ISI		90	86	79	72	54	36	18	2.5
78	1243	R-8/20	1.50	1.10	90/15	"	ISI		100	96	88	80	60	40	20	"
79	1244	R-8/22	2.00	1.50	91/17	"	ISI		110	106	97	88	66	44	22	"
80	1245	R-8/25	2.00	1.50	91/17	"	ISI		125	120	110	100	75	50	25	"

Sr. No.	P-Model Sr.No.	Pump Type/ Stage	Motor			Outlet Size	ISI Mark	Discharge								Recom'd Cable (in Sq.mm)
			Hp.	Kw.	Type			M3/H	2.28	2.70	3.42	3.90	4.98	5.76	6.42	
								LPM	38	45	57	65	83	96	107	
								LPS	0.63	0.75	0.95	1.08	1.38	1.60	1.78	
81	1246	R-11/7	0.75	0.55	90/70	32mm(1.25")	---	TOTAL HEAD IN METRES	35	34	31	28	21	14	7	1.5
82	1247/1	R-11/8	1.00	0.75	90/10	"	---		40	38	35	32	24	16	8	"
83	1247	R-11/9	1.00	0.75	90/10	"	ISI		45	43	40	36	27	18	9	"
84	1248	R-11/10	1.00	0.75	90/10	"	ISI		50	48	44	40	30	20	10	"
85	1249	R-11/11	1.50	1.10	90/15	"	---		55	53	48	44	33	22	11	"
86	1250	R-11/12	1.50	1.10	90/15	"	---		60	58	53	48	36	24	12	"
87	1251	R-11/13	1.50	1.10	90/15	"	ISI		65	62	57	52	39	26	13	"
88	1252	R-11/14	1.50	1.10	90/15	"	ISI		70	67	62	56	42	28	14	"
89	1253	R-11/16	2.00	1.50	91/17	"	ISI		80	77	70	64	48	32	16	2.5
90	1254	R-11/18	2.00	1.50	91/17	"	ISI		90	86	79	72	54	36	18	4.0
91	1255	R-11/20	2.00	1.50	91/17	"	ISI		100	96	88	80	60	40	20	"
92	1255/1	R-11/21	2.00	1.50	91/17	"	---		105	101	92	84	63	42	21	"
93	1255/2	R-11/22	2.00	1.50	91/17	"	ISI		110	106	97	88	66	44	22	"

Sr. No.	P-Model Sr.No.	Pump Type/ Stage	Motor			Outlet Size	ISI Mark	Discharge								Recom'd Cable (in Sq.mm)
			Hp.	Kw.	Type			M3/H	3.96	4.56	5.46	6.18	7.56	8.70	9.72	
								LPM	66	76	91	103	126	145	162	
								LPS	1.10	1.27	1.52	1.72	2.10	2.42	2.70	
94	1256	R-16/6	1.00	0.75	90/10	38mm(1.5")	ISI	TOTAL HEAD IN METRES	30	29	26	24	18	12	6	"
95	1257	R-16/7	1.00	0.75	90/10	"	ISI		35	34	31	28	21	14	7	"
96	1258	R-16/8	1.00	0.75	90/10	"	---		40	38	35	32	24	16	8	"
97	1259	R-16/9	1.50	1.10	90/15	"	ISI		45	43	40	36	27	18	9	"
98	1260	R-16/10	1.50	1.10	90/15	"	ISI		50	48	44	40	30	20	10	"
99	1260/1	R-16/12	1.50	1.10	90/15	"	---		60	58	53	48	36	24	12	2.5
100	1261	R-16/12	2.00	1.50	91/17	"	ISI		60	58	53	48	36	24	12	2.5

Pump O.D.	98 mm
Motor O.D.	98 mm

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U-99 (V4) Oil Cooled Standard Submersible Pumpset suitable for 100 mm (4") Borewell

Sr. No.	P-Model Sr.No.	Pump Type/ Stage	Motor			Outlet Size	ISI Mark	Discharge								Recom'd Cable (in Sq.mm)
			Hp.	Kw.	Type			M3/H	6.78	7.26	7.98	8.52	9.72	10.74	11.70	
								LPM	113	121	133	142	162	179	195	
								LPS	1.88	2.02	2.22	2.37	2.70	2.98	3.25	
101	1262	R-20/5	1.00	0.75	90/10	38mm(1.5")	ISI	TOTAL HEAD IN METRES	25	24	22	20	15	10	5	1.5
102	1263	R-20/7	1.50	1.10	90/15	"	ISI		35	34	31	28	21	14	7	"
103	1264	R-20/8	1.50	1.10	90/15	"	ISI		50	48	44	40	30	20	10	2.5
104	1265	R-20/10	2.00	1.50	91/17	"	ISI		60	58	53	48	36	24	12	"
105	1265/1	R-20/12	2.00	1.50	91/17	"	ISI		75	72	66	60	45	30	15	"

Sr. No.	P-Model Sr.No.	Pump Type/ Stage	Motor			Outlet Size	ISI Mark	Discharge								Recom'd Cable (in Sq.mm)
			Hp.	Kw.	Type			M3/H	5.52	6.00	7.68	9.06	11.22	13.32	14.34	
								LPM	92	100	128	151	187	222	239	
								LPS	1.53	1.67	2.13	2.52	3.12	3.70	3.98	
106	1266	MF-25/4	1.00	0.75	90/10	50mm(2")	---	TOTAL HEAD IN METRES	18	17	15	14	11	7	4	"
107	1267	MF-25/6	1.50	1.10	90/15	"	---		26	25	23	21	16	11	5	"
108	1268	MF-25/8	2.00	1.50	91/17	"	---		35	34	31	28	21	14	7	"
109	1268/1	MF-25/10	3.00	2.20	90/22	"	---		44	42	39	35	26	18	9	"
110	1268/2	MF-25/12	3.00	2.20	90/22	"	---		53	50	46	42	32	21	11	"

Sr. No.	P-Model Sr.No.	Pump Type/ Stage	Motor			Outlet Size	ISI Mark	Discharge								Recom'd Cable (in Sq.mm)
			Hp.	Kw.	Type			M3/H	2.82	6.06	7.32	10.20	16.32	19.86	22.20	
								LPM	47	101	122	170	272	331	370	
								LPS	0.78	1.68	2.03	2.83	4.53	5.52	6.17	
111	1268/2	MF-40/7	3.00	2.20	90/22	50mm(2")	---	HEAD IN METRES	35	34	31	28	21	14	7	4.0
112	1268/3	MF-40/9	3.00	2.20	90/22	"	---		45	43	40	36	27	18	9	"

SINGLE PHASE

U-99 (V4) Oil Cooled HR Standard Submersible Pumpset suitable for 100 mm (4") Borewell

Sr. No.	P-Model Sr.No.	Pump Type/ Stage	Motor			Outlet Size	ISI Mark	Discharge										Recom'd Cable (in Sq.mm)
			Hp.	Kw.	Type			M ³ /H	0.00	0.50	0.76	1.14	1.38	1.98	2.70	3.24	3.46	
								LPM	0	8.4	12.6	19	23	33	45	54	57.6	
								LPS	0.00	0.14	0.21	0.32	0.38	0.55	0.75	0.90	0.96	
113	1269/1	HR-7/6	0.50	0.37	90/40	32mm(1.25")	---	TOTAL HEAD IN METRES	44	41	40	38	36	33	25	17	13	1.5
114	1270/1	HR-7/7	0.50	0.37	90/40	"	---		51	48	46	44	42	38.5	29	19	15	"
115	1271/1	HR-7/8	0.50	0.37	90/40	"	---		59	55	53	51	48	44	33	22	18	"
116	1272/1	HR-7/9	0.75	0.55	90/70	"	---		66	62	59	57	54	49.5	37	25	20	"
117	1273/1	HR-7/10	0.75	0.55	90/70	"	---		73	69	66	63	61	55	41	28	22	"
118	1274/1	HR-7/11	0.75	0.55	90/70	"	---		80	76	73	70	67	60.5	45	30	24	"
119	1275/1	HR-7/12	1.00	0.75	90/10	"	---		88	83	79	76	73	66	50	33	26	"
120	1276/1	HR-7/13	1.00	0.75	90/10	"	---		95	89	86	82	79	71.5	54	36	29	"
121	1277/1	HR-7/14	1.00	0.75	90/10	"	---		102	96	92	89	85	77	58	39	31	"
122	1278/1	HR-7/15	1.00	0.75	90/10	"	---		110	103	99	95	91	82.5	62	41	33	2.5
123	1279/1	HR-7/16	1.50	1.10	90/15	"	---		117	110	106	101	97	88	66	44	35	"
124	1280/1	HR-7/17	1.50	1.10	90/15	"	---		124	117	112	108	103	93.5	70	47	37	"
125	1281/1	HR-7/18	1.50	1.10	90/15	"	---		132	124	119	114	109	99	74	50	40	"
126	1282/1	HR-7/19	1.50	1.10	90/15	"	---		139	131	125	120	115	104.5	78	52	42	"
127	1283/1	HR-7/20	1.50	1.10	90/15	"	---		146	138	132	127	121	110	83	55	44	"
128	1284/1	HR-7/21	1.50	1.10	90/15	"	---		154	144	139	133	127	115.5	87	58	46	4
129	1285/1	HR-7/22	1.50	1.10	90/15	"	---		161	151	145	139	133	121	91	61	48	"
130	1286/1	HR-7/23	2.00	1.50	91/17	"	---		168	158	152	145	139	126.5	95	63	51	"
131	1287/1	HR-7/24	2.00	1.50	91/17	"	---		176	165	158	152	145	132	99	66	53	6
132	1288/1	HR-7/25	2.00	1.50	91/17	"	---		183	172	165	158	151	137.5	103	69	55	"
133	1289/1	HR-7/26	2.00	1.50	91/17	"	---	190	179	172	164	157	143	107	72	57	"	
134	1290/1	HR-7/27	2.00	1.50	91/17	"	---	198	186	178	171	163	148.5	111	74	59	"	
135	1291/1	HR-7/28	2.00	1.50	91/17	"	---	205	193	185	177	169	154	116	77	62	"	
136	1292/1	HR-7/29	2.00	1.50	91/17	"	---	212	199	191	183	175	159.5	120	80	64	"	

Sr. No.	P-Model Sr.No.	Pump Type/ Stage	Motor			Outlet Size	ISI Mark	Discharge										Recom'd Cable (in Sq.mm)
			Hp.	Kw.	Type			M ³ /H	0.00	1.40	1.73	2.05	2.59	3.20	4.10	4.75	4.97	
								LPM	0	23	29	34	43	53.4	68.4	79.2	82.8	
								LPS	0.00	0.39	0.48	0.57	0.72	0.89	1.14	1.32	1.38	
137	1314/1	HR-11/5	0.50	0.37	90/40	32mm(1.25")	---	TOTAL HEAD IN METRES	41	36	34	33	30	27.5	21	14	11	1.5
138	1315/1	HR-11/6	0.50	0.37	90/40	"	---		50	43	41	40	36	33	25	17	13	"
139	1316/1	HR-11/7	0.75	0.55	90/70	"	---		58	50	48	46	42	38.5	29	19	15	"
140	1317/1	HR-11/8	0.75	0.55	90/70	"	---		66	57	55	53	48	44	33	22	18	"
141	1318/1	HR-11/9	1.00	0.75	90/10	"	---		74	64	62	59	54	49.5	37	25	20	"
142	1319/1	HR-11/10	1.00	0.75	90/10	"	---		83	72	69	66	61	55	41	28	22	"
143	1320/1	HR-11/11	1.50	1.10	90/15	"	---		91	79	76	73	67	60.5	45	30	24	"
144	1321/1	HR-11/12	1.50	1.10	90/15	"	---		99	86	83	79	73	66	50	33	26	"
145	1322/1	HR-11/13	1.50	1.10	90/15	"	---		107	93	89	86	79	71.5	54	36	29	2.5
146	1323/1	HR-11/14	1.50	1.10	90/15	"	---		116	100	96	92	85	77	58	39	31	"
147	1324/1	HR-11/15	2.00	1.50	91/17	"	---		124	107	103	99	91	82.5	62	41	33	"
148	1325/1	HR-11/16	2.00	1.50	91/17	"	---		132	114	110	106	97	88	66	44	35	4
149	1326/1	HR-11/17	2.00	1.50	91/17	"	---		140	122	117	112	103	93.5	70	47	37	"
150	1327/1	HR-11/18	2.00	1.50	91/17	"	---		149	129	124	119	109	99	74	50	40	"
151	1328/1	HR-11/19	2.00	1.50	91/17	"	---		157	136	131	125	115	104.5	78	52	42	"

Sr. No.	P-Model Sr.No.	Pump Type/ Stage	Motor			Outlet Size	ISI Mark	Discharge										Recom'd Cable (in Sq.mm)
			Hp.	Kw.	Type			M ³ /H	0.00	1.15	2.59	2.77	3.18	3.67	4.54	5.18	5.44	
								LPM	0	19.2	43.2	46.2	53	61.2	75.6	86.4	90.6	
								LPS	0.00	0.32	0.72	0.77	0.88	1.02	1.26	1.44	1.51	
152	1356/1	HR-13/4	0.50	0.37	90/40	32mm(1.25")	---	TOTAL HEAD IN METRES	34	31	28	26	24	22	17	11	9	1.5
153	1357/1	HR-13/5	0.75	0.55	90/70	"	---		43	39	34	33	30	27.5	21	14	11	"
154	1358/1	HR-13/6	0.75	0.55	90/70	"	---		51	46	41	40	36	33	25	17	13	"
155	1359/1	HR-13/7	1.00	0.75	90/10	"	---		60	54	48	46	42	38.5	29	19	15	"
156	1360/1	HR-13/8	1.00	0.75	90/10	"	---		68	62	55	53	48	44	33	22	18	"
157	1361/1	HR-13/9	1.50	1.10	90/15	"	---		77	69	62	59	54	49.5	37	25	20	"
158	1362/1	HR-13/10	1.50	1.10	90/15	"	---		85	77	69	66	61	55	41	28	22	"
159	1363/1	HR-13/11	1.50	1.10	90/15	"	---		94	85	76	73	67	60.5	45	30	24	"
160	1364/1	HR-13/12	1.50	1.10	90/15	"	---		102	92	83	79	73	66	50	33	26	"
161	1365/1	HR-13/13	2.00	1.50	91/17	"	---		111	100	89	86	79	71.5	54	36	29	2.5
162	1366/1	HR-13/14	2.00	1.50	91/17	"	---		119	108	96	92	85	77	58	39	31	"
163	1367/1	HR-13/15	2.00	1.50	91/17	"	---		128	116	103	99	91	82.5	62	41	33	"
164	1368/1	HR-13/16	2.00	1.50	91/17	"	---		136	123	110	106	97	88	66	44	35	4

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U-99 (V4) Oil Cooled HR Standard Submersible Pumpset suitable for 100 mm (4") Borewell

Sr. No.	P-Model Sr.No.	Pump Type/ Stage	Motor			Outlet Size	ISI Mark	Discharge										Recom'd Cable (in Sq.mm)
			Hp.	Kw.	Type			M ³ /H	0.00	2.12	2.84	3.60	4.07	4.68	6.05	7.06	7.52	
								LPM	0	35	47	60	68	78	100.8	117.6	125.4	
								LPS	0.00	0.59	0.79	1.00	1.13	1.30	1.68	1.96	2.09	
165	1549/1	HR-16/3	0.50	0.37	90/40	38mm(1.5")	---	TOTAL HEAD IN METRES	23	21	20	19	18	16.5	12	8	7	1.5
166	1550/1	HR-16/4	0.75	0.55	90/70	"	---		31	28	26	25	24	22	17	11	9	"
167	1551/1	HR-16/5	0.75	0.55	90/70	"	---		39	34	33	32	30	27.5	21	14	11	"
168	1552/1	HR-16/6	1.00	0.75	90/10	"	---		46	41	40	38	36	33	25	17	13	"
169	1553/1	HR-16/7	1.00	0.75	90/10	"	---		54	48	46	44	42	38.5	29	19	15	"
170	1554/1	HR-16/8	1.50	1.10	90/15	"	---		62	55	53	51	48	44	33	22	18	"
171	1555/1	HR-16/9	1.50	1.10	90/15	"	---		69	62	59	57	54	49.5	37	25	20	"
172	1556/1	HR-16/10	1.50	1.10	90/15	"	---		77	69	66	63	61	55	41	28	22	"
173	1557/1	HR-16/13	2.00	1.50	91/17	"	---		85	76	73	70	67	60.5	45	30	24	2.5
174	1558/1	HR-16/12	2.00	1.50	91/17	"	---		92	83	79	76	73	66	50	33	26	"
175	1559/1	HR-16/13	2.00	1.50	91/17	"	---		100	89	86	82	79	71.5	54	36	29	"
176	1560/1	HR-16/14	2.00	1.50	91/17	"	---		108	96	92	89	85	77	58	39	31	"

Sr. No.	P-Model Sr.No.	Pump Type/ Stage	Motor			Outlet Size	ISI Mark	Discharge										Recom'd Cable (in Sq.mm)
			Hp.	Kw.	Type			M ³ /H	0.00	2.41	3.20	4.03	4.50	5.40	7.02	8.14	8.71	
								LPM	0	40	53	67	75	90	117	135.6	145.2	
								LPS	0.00	0.67	0.89	1.12	1.25	1.50	1.95	2.26	2.42	
177	1579/1	HR-20/3	0.50	0.37	90/40	38mm(1.5")	---	TOTAL HEAD IN METRES	23	21	20	19	18	16.5	12	8	7	1.5
178	1580/1	HR-20/4	0.75	0.55	90/70	"	---		31	28	26	25	24	22	17	11	9	"
179	1581/1	HR-20/5	1.00	0.75	90/10	"	---		39	34	33	32	30	27.5	21	14	11	"
180	1582/1	HR-20/6	1.00	0.75	90/10	"	---		47	41	40	38	36	33	25	17	13	"
181	1583/1	HR-20/7	1.50	1.10	90/15	"	---		55	48	46	44	42	38.5	29	19	15	"
182	1584/1	HR-20/8	1.50	1.10	90/15	"	---		62	55	53	51	48	44	33	22	18	"
183	1585/1	HR-20/9	2.00	1.50	91/17	"	---		70	62	59	57	54	49.5	37	25	20	2.5
184	1586/1	HR-20/10	2.00	1.50	91/17	"	---		78	69	66	63	61	55	41	28	22	"
185	1587/1	HR-20/13	2.00	1.50	91/17	"	---		86	76	73	70	67	60.5	45	30	24	"

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U-99 (V4) Water Filled Budget Standard Submersible Pumpset suitable for 100 mm (4") Borewell

Sr. No.	P-Model Sr.No.	Pump Type/ Stage	Motor			Outlet Size	ISI Mark	Discharge							Recom'd Cable (in Sq.mm)	
			Hp.	Kw.	Type			M ³ /H	0.48	0.78	1.26	1.56	2.22	2.58		2.94
								LPM	8	13	21	26	37	43		49
								LPS	0.13	0.22	0.35	0.43	0.62	0.72	0.82	
186	271	R-6/8	0.50	0.37	91/75	25mm(1")	---	TOTAL HEAD IN METRES	40	38	35	32	24	16	8	1.5
187	273	R-6/10	0.5	0.37	91/10	"	---		50	48	44	40	30	20	10	"
188	275	R-6/12	0.75	0.55	91/10	"	ISI		60	58	53	48	36	24	12	"
189	278	R-6/15	1.00	0.75	91/12	"	ISI		75	72	66	60	45	30	15	"
190	279	R-6/16	1.00	0.75	91/12	"	ISI		80	77	70	64	48	32	16	"
191	281	R-6/18	1.00	0.75	91/12	"	ISI		90	86	79	72	54	36	18	"
192	283	R-6/20	1.50	1.10	91/15	"	ISI		100	96	88	80	60	40	20	2.5
193	285	R-6/22	1.50	1.10	91/15	"	ISI		110	106	97	88	66	44	22	"
194	288	R-6/25	1.50	1.10	91/15	"	ISI		125	120	110	100	75	50	25	2.5

Sr. No.	P-Model Sr.No.	Pump Type/ Stage	Motor			Outlet Size	ISI Mark	Discharge							Recom'd Cable (in Sq.mm)	
			Hp.	Kw.	Type			M ³ /H	1.44	1.80	2.34	2.64	3.36	3.84		4.26
								LPM	24	30	39	44	56	64		71
								LPS	0.40	0.50	0.65	0.73	0.93	1.07	1.18	
195	306	R-8/6	0.50	0.37	91/75	25mm(1")	ISI	TOTAL HEAD IN METRES	30	29	26	24	18	12	6	1.5
196	309	R-8/9	0.75	0.55	91/10	"	ISI		45	43	40	36	27	18	9	"
197	310	R-8/10	0.75	0.55	91/10	"	---		50	48	44	40	30	20	10	"
198	312	R-8/12	1.00	0.75	91/12	"	ISI		60	58	53	48	36	24	12	"
199	316	R-8/16	1.50	1.10	91/15	"	ISI		80	77	70	64	48	32	16	"
200	318	R-8/18	1.50	1.10	91/15	"	ISI		90	86	79	72	54	36	18	2.5
201	320	R-8/20	1.50	1.10	91/15	"	ISI		100	96	88	80	60	40	20	"
202	322	R-8/22	2.00	1.50	91/17	"	ISI		110	106	97	88	66	44	22	"
203	325	R-8/25	2.00	1.50	91/17	"	ISI		125	120	110	100	75	50	25	"

Sr. No.	P-Model Sr.No.	Pump Type/ Stage	Motor			Outlet Size	ISI Mark	Discharge							Recom'd Cable (in Sq.mm)	
			Hp.	Kw.	Type			M ³ /H	2.28	2.70	3.42	3.90	4.98	5.76		6.42
								LPM	38	45	57	65	83	96		107
								LPS	0.63	0.75	0.95	1.08	1.38	1.60	1.78	
204	338	R-11/7	0.75	0.55	91/10	32mm(1.25")	ISI	TOTAL HEAD IN METRES	35	34	31	28	21	14	7	1.5
205	339	R-11/8	1.00	0.75	91/12	"	---		40	38	35	32	24	16	8	"
206	340	R-11/9	1.00	0.75	91/12	"	ISI		45	43	40	36	27	18	9	"
207	341	R-11/10	1.00	0.75	91/12	"	---		50	48	44	40	30	20	10	"
208	343	R-11/12	1.50	1.10	91/15	"	---		60	58	53	48	36	24	12	"
209	344	R-11/13	1.50	1.10	91/15	"	ISI		65	62	57	52	39	26	13	"
210	347	R-11/16	2.00	1.50	91/17	"	ISI		80	77	70	64	48	32	16	2.5
211	349	R-11/18	2.00	1.50	91/17	"	ISI		90	86	79	72	54	36	18	4.0
212	351	R-11/20	2.00	1.50	91/17	"	ISI		100	96	88	80	60	40	20	4.0

Sr. No.	P-Model Sr.No.	Pump Type/ Stage	Motor			Outlet Size	ISI Mark	Discharge							Recom'd Cable (in Sq.mm)	
			Hp.	Kw.	Type			M ³ /H	3.96	4.56	5.46	6.18	7.56	8.70		9.72
								LPM	66	76	91	103	126	145		162
								LPS	1.10	1.27	1.52	1.72	2.10	2.42	2.70	
213	369	R-16/7	1.00	0.75	91/12	38mm(1.5")	----	TOTAL HEAD IN METRES	35	34	31	28	21	14	7	1.5
214	370	R-16/8	1.00	0.75	91/12	"	----		40	38	35	32	24	16	8	"
215	371	R-16/9	1.50	1.10	91/15	"	ISI		45	43	40	36	27	18	9	"
216	372	R-16/10	1.50	1.10	91/15	"	ISI		50	48	44	40	30	20	10	"
217	374	R-16/12	2.00	1.50	91/17	"	ISI		60	58	53	48	36	24	12	2.5

Sr. No.	P-Model Sr.No.	Pump Type/ Stage	Motor			Outlet Size	ISI Mark	Discharge							Recom'd Cable (in Sq.mm)	
			Hp.	Kw.	Type			M ³ /H	6.78	7.26	7.98	8.52	9.72	10.74		11.70
								LPM	113	121	133	142	162	179		195
								LPS	1.88	2.02	2.22	2.37	2.70	2.98	3.25	
218	385	R-20/5	1.00	0.75	91/12	38mm(1.5")	ISI	TOTAL HEAD IN METRES	25	24	22	20	15	10	5	1.5
219	387	R-20/7	1.50	1.10	91/15	"	ISI		35	34	31	28	21	14	7	"
220	390	R-20/10	2.00	1.50	91/17	"	ISI		50	48	44	40	30	20	10	2.5

Pump O.D.	98 mm
Motor O.D.	98 mm

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U-99 (V4) Water Filled HR Budget Submersible Pumpset suitable for 100 mm (4") Borewell

Sr. No.	P-Model	Pump Type/ Stage	Motor		Outlet Size	Discharge								Recom'd Cable (in Sq.mm)
						M ³ /H	0.76	1.14	1.38	1.98	2.70	3.24	3.46	
						LPM	12.6	19	23	33	45	54	57.6	
						LPS	0.21	0.32	0.38	0.55	0.75	0.90	0.96	
221	1269	HR-7/6	0.50	0.37	32mm(1.25")	TOTAL	40	38	36	33	25	17	13	1.5
222	1271	HR-7/8	0.50	0.37	"		53	51	48	44	33	22	18	"
223	1273	HR-7/10	0.75	0.55	"		66	63	61	55	41	28	22	"
224	1274	HR-7/11	0.75	0.55	"		73	70	67	60	45	30	24	"
225	1276	HR-7/13	1.00	0.75	"	HEAD	86	82	79	71	54	36	29	"
226	1278	HR-7/15	1.00	0.75	"		99	95	91	82	62	41	33	2.5
227	1279	HR-7/16	1.50	1.10	"	IN	106	101	97	88	66	44	35	"
228	1281	HR-7/18	1.50	1.10	"		119	114	109	99	74	50	40	"
229	1283	HR-7/20	1.50	1.10	"		132	127	121	110	83	55	44	"

Sr. No.	P-Model	Pump Type/ Stage	Motor		Outlet Size	Discharge								Recom'd Cable (in Sq.mm)
						M ³ /H	1.73	2.05	2.59	3.21	4.11	4.75	4.97	
						LPM	29	34	43	53.4	68.4	79.2	82.8	
						LPS	0.48	0.57	0.72	0.89	1.14	1.32	1.38	
230	1314	HR-11/5	0.50	0.37	32mm(1.25")	TOTAL	34	33	30	27	21	14	11	1.5
231	1316	HR-11/7	0.75	0.55	"		48	46	42	38	29	19	15	"
232	1317	HR-11/8	0.75	0.55	"		55	53	48	44	33	22	18	"
233	1318	HR-11/9	1.00	0.75	"		62	59	54	49	37	25	20	"
234	1319	HR-11/10	1.00	0.75	"	HEAD	69	66	61	55	41	28	22	"
235	1321	HR-11/12	1.50	1.10	"		83	79	73	66	50	33	26	"
236	1322	HR-11/13	1.50	1.10	"	IN	89	86	79	71	54	36	29	2.5
237	1323	HR-11/14	1.50	1.10	"		96	92	85	77	58	39	31	"
238	1325	HR-11/16	2.00	1.50	"		110	106	97	88	66	44	35	4
239	1327	HR-11/18	2.00	1.50	"	METRES	124	119	109	99	74	50	40	"
240	1328	HR-11/19	2.00	1.50	"		131	125	115	104	78	52	42	"

Sr. No.	P-Model	Pump Type/ Stage	Motor		Outlet Size	Discharge								Recom'd Cable (in Sq.mm)
						M ³ /H	2.59	2.77	3.18	3.67	4.54	5.19	5.44	
						LPM	43.2	46.2	53	61.2	75.6	86.4	90.6	
						LPS	0.72	0.77	0.88	1.02	1.26	1.44	1.51	
241	1356	HR-13/4	0.50	0.37	32mm(1.25")	TOTAL	28	26	24	22	17	11	9	1.5
242	1358	HR-13/6	0.75	0.55	"		41	40	36	33	25	17	13	"
243	1359	HR-13/7	1.00	0.75	"		48	46	42	38	29	19	15	"
244	1359	HR-13/8	1.00	0.75	"		55	53	48	44	33	22	18	"
245	1361	HR-13/10	1.50	1.10	"	HEAD	69	66	61	55	41	28	22	"
246	1363	HR-13/12	1.50	1.10	"		83	79	73	66	50	33	26	"
247	1365	HR-13/14	2.00	1.50	"	IN	96	92	85	77	58	39	31	2.5
248	1367	HR-13/16	2.00	1.50	"		110	106	97	88	66	44	35	"

Pump O.D.	98 mm
Motor O.D.	98 mm

SINGLE PHASE

U-99 (V4) Water Filled HR Budget Submersible Pumpset suitable for 100 mm (4") Borewell

Sr. No.	P-Model	Pump Type/ Stage	Motor		Outlet Size	Discharge								Recom'd Cable (in Sq.mm)
						M ³ /H	2.85	3.60	4.07	4.68	6.05	7.06	7.53	
						LPM	47	60	68	78	100.8	117.6	125.4	
						LPS	0.79	1.00	1.13	1.30	1.68	1.96	2.09	
249	1549	HR-16/3	0.50	0.37	38mm(1.5")	TOTAL	20	19	18	16	12	8	7	1.5
250	1551	HR-16/5	0.75	0.55	"		33	32	30	27	21	14	11	"
251	1552	HR-16/6	1.00	0.75	"		40	38	36	33	25	17	13	"
252	1553	HR-16/7	1.00	0.75	"		46	44	42	38	29	19	15	"
253	1554	HR-16/8	1.50	1.10	"		53	51	48	44	33	22	18	"
254	1555	HR-16/9	1.50	1.10	"		59	57	54	49	37	25	20	"
255	1556	HR-16/10	1.50	1.10	"		66	63	61	55	41	28	22	"
256	1558	HR-16/12	2.00	1.50	"		79	76	73	66	50	33	26	2.5
257	1559	HR-16/13	2.00	1.50	"		86	82	79	71	54	36	29	"

Sr. No.	P-Model	Pump Type/ Stage	Motor		Outlet Size	Discharge								Recom'd Cable (in Sq.mm)
						M ³ /H	3.21	4.03	4.50	5.40	7.02	8.14	8.72	
						LPM	53	67	75	90	117	135.6	145.2	
						LPS	0.89	1.12	1.25	1.50	1.95	2.26	2.42	
258	1579	HR-20/3	0.50	0.37	38mm(1.5")	TOTAL	20	19	18	16	12	8	7	1.5
259	1580	HR-20/4	0.75	0.55	"		26	25	24	22	17	11	9	"
260	1581	HR-20/5	1.00	0.75	"		33	32	30	27	21	14	11	"
261	1583	HR-20/7	1.50	1.10	"		46	44	42	38	29	19	15	"
262	1584	HR-20/8	1.50	1.10	"		53	51	48	44	33	22	18	"
263	1585	HR-20/9	2.00	1.50	"		59	57	54	49	37	25	20	2.5
264	1586	HR-20/10	2.00	1.50	"		66	63	61	55	41	28	22	"

Pump O.D.	98 mm
Motor O.D.	98 mm

SINGLE PHASE

U-99 (V4) Water Filled Standard Submersible Pumpset suitable for 100 mm (4") Borewell

Sr. No.	P-Model Sr.No.	Pump Type/ Stage	Motor			Outlet Size	ISI Mark	Discharge								Recom'd Cable (in Sq.mm)
			Hp.	Kw.	Type			M ³ /H	0.48	0.78	1.26	1.56	2.22	2.58	2.94	
								LPM	8	13	21	26	37	43	49	
								LPS	0.13	0.22	0.35	0.43	0.62	0.72	0.82	
265	270/1	R-6/7	0.50	0.37	91/75	25mm(1")	ISI	TOTAL HEAD IN METRES	35	34	31	28	21	14	7	1.5
266	271/1	R-6/8	0.50	0.37	91/75	"	---		40	38	35	32	24	16	8	"
267	272/1	R-6/9	0.50	0.37	91/75	"	---		45	43	40	36	27	18	9	"
268	273/1	R-6/10	0.50	0.37	91/10	"	---		50	48	44	40	30	20	10	"
269	274/1	R-6/11	0.75	0.55	91/10	"	---		55	53	48	44	33	22	11	"
270	275/1	R-6/12	0.75	0.55	91/10	"	ISI		60	58	53	48	36	24	12	"
271	276/1	R-6/13	0.75	0.55	91/10	"	---		65	62	57	52	39	26	13	"
272	277/1	R-6/14	1.00	0.75	91/12	"	---		70	67	62	56	42	28	14	"
273	278/1	R-6/15	1.00	0.75	91/12	"	ISI		75	72	66	60	45	30	15	"
274	279/1	R-6/16	1.00	0.75	91/12	"	ISI		80	77	70	64	48	32	16	"
275	280/1	R-6/17	1.00	0.75	91/12	"	---		85	82	75	68	51	34	17	"
276	281/1	R-6/18	1.00	0.75	91/12	"	ISI		90	86	79	72	54	36	18	"
277	283/1	R-6/20	1.50	1.10	91/15	"	ISI		100	96	88	80	60	40	20	2.5
278	284/1	R-6/21	1.50	1.10	91/15	"	---		105	101	92	84	63	42	21	"
279	285/1	R-6/22	1.50	1.10	91/15	"	ISI		110	106	97	88	66	44	22	"
280	286/1	R-6/23	1.50	1.10	91/15	"	---		115	110	101	92	69	46	23	"
281	287/1	R-6/24	1.50	1.10	91/15	"	---		120	115	106	96	72	48	24	"
282	288/1	R-6/25	1.50	1.10	91/15	"	ISI		125	120	110	100	75	50	25	"
283	289/1	R-6/26	1.50	1.10	91/15	"	---		130	125	114	104	78	52	26	"
284	290/1	R-6/27	2.00	1.50	91/17	"	---		135	130	119	108	81	54	27	"
285	291/1	R-6/28	2.00	1.50	91/17	"	ISI		140	134	123	112	84	56	28	4.0
286	292/1	R-6/29	2.00	1.50	91/17	"	---		145	139	128	116	87	58	29	"
287	293/1	R-6/30	2.00	1.50	91/17	"	ISI		150	144	132	120	90	60	30	"
288	294/1	R-6/31	2.00	1.50	91/17	"	---		155	149	136	124	93	62	31	6.0
289	295/1	R-6/32	2.00	1.50	91/17	"	---		160	154	141	128	96	64	32	"
290	296/1	R-6/33	2.00	1.50	91/17	"	ISI		165	158	145	132	99	66	33	"
291	297/1	R-6/34	3.00	2.20	91/35	"	---		170	163	150	136	102	68	34	10.0

Sr. No.	P-Model Sr.No.	Pump Type/ Stage	Motor			Outlet Size	ISI Mark	Discharge								Recom'd Cable (in Sq.mm)
			Hp.	Kw.	Type			M ³ /H	1.44	1.80	2.34	2.64	3.36	3.84	4.26	
								LPM	24	30	39	44	56	64	71	
								LPS	0.40	0.50	0.65	0.73	0.93	1.07	1.18	
292	306/1	R-8/6	0.50	0.37	91/75	25mm(1")	ISI	TOTAL HEAD IN METRES	30	29	26	24	18	12	6	1.5
293	307/1	R-8/7	0.50	0.37	91/75	"	ISI		35	34	31	28	21	14	7	"
294	308/1	R-8/8	0.50	0.37	91/75	"	---		40	38	35	32	24	16	8	"
295	309/1	R-8/9	0.75	0.55	91/75	"	ISI		45	43	40	36	27	18	9	"
296	310/1	R-8/10	0.75	0.55	91/75	"	---		50	48	44	40	30	20	10	"
297	311/1	R-8/11	1.00	0.75	91/75	"	---		55	53	48	44	33	22	11	"
298	312/1	R-8/12	1.00	0.75	91/75	"	ISI		60	58	53	48	36	24	12	"
299	315/1	R-8/15	1.50	1.10	91/75	"	---		75	72	66	60	45	30	15	"
300	316/1	R-8/16	1.50	1.10	91/75	"	ISI		80	77	70	64	48	32	16	"
301	318/1	R-8/18	1.50	1.10	91/75	"	ISI		90	86	79	72	54	36	18	2.5
302	320/1	R-8/20	1.50	1.10	91/75	"	ISI		100	96	88	80	60	40	20	"
303	321/1	R-8/21	1.50	1.10	91/75	"	---		5	101	92	84	63	42	21	"
304	322/1	R-8/22	2.00	1.50	91/75	"	ISI		110	106	97	88	66	44	22	"
305	323/1	R-8/23	2.00	1.50	91/75	"	---		115	110	101	92	69	46	23	"
306	324/1	R-8/24	2.00	1.50	91/75	"	---		120	115	106	96	72	48	24	"
307	325/1	R-8/25	2.00	1.50	91/75	"	ISI		125	120	110	100	75	50	25	"
308	326/1	R-8/26	2.00	1.50	91/75	"	---		130	125	114	104	78	52	26	"
309	327/1	R-8/27	2.00	1.50	91/75	"	---		135	130	119	108	81	54	27	"
310	328/1	R-8/28	2.00	1.50	91/75	"	ISI		140	134	123	112	84	56	28	"
311	329/1	R-8/29	2.00	1.50	91/75	"	---		145	139	128	116	87	58	29	"
312	330/1	R-8/30	3.00	2.20	91/75	"	ISI		150	144	132	120	90	60	30	6.0
313	331/1	R-8/33	3.00	2.20	91/75	"	---		165	158	145	132	99	66	33	10.0

Pump O.D.	98 mm
Motor O.D.	98 mm

SINGLE PHASE

U-99 (V4) Water Filled Standard Submersible Pumpset suitable for 100 mm (4") Borewell

Sr. No.	P-Model Sr.No.	Pump Type/ Stage	Motor			Outlet Size	ISI Mark	Discharge								Recom'd Cable (in Sq.mm)
			Hp.	Kw.	Type			M ³ /H	2.28	2.70	3.42	3.90	4.98	5.76	6.42	
								LPM	38	45	57	65	83	96	107	
								LPS	0.63	0.75	0.95	1.08	1.38	1.60	1.78	
314	338/1	R-11/7	0.75	0.55	91/10	32mm(1.25")	ISI	TOTAL HEAD IN METRES	35	34	31	28	21	14	7	1.5
315	339/1	R-11/8	0.75	0.55	91/10	"	---		40	38	35	32	24	16	8	"
316	340/1	R-11/9	1.00	0.75	91/12	"	ISI		45	43	40	36	27	18	9	"
317	341/1	R-11/10	1.00	0.75	91/12	"	---		50	48	44	40	30	20	10	"
318	342/1	R-11/11	1.50	1.10	91/15	"	---		55	53	48	44	33	22	11	"
319	343/1	R-11/12	1.50	1.10	91/15	"	---		80	77	70	64	48	32	16	2.5
320	344/1	R-11/13	1.50	1.10	91/15	"	ISI		80	77	70	64	48	32	16	2.5
321	345/1	R-11/14	1.50	1.10	91/15	"	---		70	67	62	56	42	28	14	"
322	346/1	R-11/15	2.00	1.50	91/17	"	---		75	72	66	60	45	30	15	"
323	347/1	R-11/16	2.00	1.50	91/17	"	ISI		80	77	70	64	48	32	16	2.5
324	349/1	R-11/18	2.00	1.50	91/17	"	ISI		90	86	79	72	54	36	18	4.0
325	351/1	R-11/20	2.00	1.50	91/17	"	ISI		100	96	88	80	60	40	20	4.0
326	352/1	R-11/21	2.00	1.50	91/17	"	---		105	101	92	84	63	42	21	"
327	353/1	R-11/22	2.00	1.50	91/17	"	ISI		110	106	97	88	66	44	22	"
328	354/1	R-11/23	3.00	2.20	91/30	"	---		115	110	101	92	69	46	23	6
329	355/1	R-11/24	3.00	2.20	91/30	"	---		120	115	106	96	72	48	24	"
330	356/1	R-11/25	3.00	2.20	91/30	"	ISI		125	120	110	100	75	50	25	6.0
331	357/1	R-11/26	3.00	2.20	91/30	"	ISI		130	125	114	104	78	52	26	"
332	358/1	R-11/27	3.00	2.20	91/35	"	---		135	130	119	108	81	54	27	"
333	359/1	R-11/28	3.00	2.20	91/35	"	---		140	134	123	112	84	56	29	"
334	360/1	R-11/29	4.00	3.00	91/43	"	---		145	139	128	116	87	58	29	"
335	361/1	R-11/30	4.00	3.00	91/43	"	---		150	144	132	120	90	60	30	10.0
336	362/1	R-11/33	4.00	3.00	91/43	"	---		165	158	145	132	99	66	33	"

Sr. No.	P-Model Sr.No.	Pump Type/ Stage	Motor			Outlet Size	ISI Mark	Discharge								Recom'd Cable (in Sq.mm)
			Hp.	Kw.	Type			M ³ /H	3.96	4.56	5.46	6.18	7.56	8.70	9.72	
								LPM	66	76	91	103	126	145	162	
								LPS	1.10	1.27	1.52	1.72	2.10	2.42	2.70	
337	367/1	R-16/5	0.75	0.55	91/12	38mm(1.5")	ISI	TOTAL HEAD IN METRES	25	24	22	20	15	10	5	1.5
338	368/1	R-16/6	1.00	0.75	91/12	"	ISI		30	29	26	24	18	12	6	"
339	369/1	R-16/7	1.00	0.75	91/12	"	---		35	34	31	28	21	14	7	"
340	370/1	R-16/8	1.50	1.10	91/15	"	---		40	38	35	32	24	16	8	"
341	371/1	R-16/9	1.50	1.10	91/15	"	ISI		45	43	40	36	27	18	9	"
342	372/1	R-16/10	1.50	1.10	91/15	"	ISI		50	48	44	40	30	20	10	"
343	373/1	R-16/11	2.00	1.50	91/17	"	---		55	53	48	44	33	22	11	"
344	374/1	R-16/12	2.00	1.50	91/17	"	ISI		60	58	53	48	36	24	12	2.5
345	377/1	R-16/15	3.00	2.20	91/30	"	ISI		75	72	66	60	45	30	15	"
346	378/1	R-16/16	3.00	2.20	91/30	"	---		80	77	70	64	48	32	16	4
347	379/1	R-16/17	3.00	2.20	91/30	"	---		85	82	75	68	51	34	17	"
348	380/1	R-16/18	3.00	2.20	91/30	"	ISI		90	86	79	72	54	36	18	"
349	381/1	R-16/20	3.00	2.20	91/30	"	ISI		100	96	88	80	60	40	20	"
350	382/1	R-16/22	4.00	3.00	91/43	"	---		110	106	97	88	66	44	22	10.0
351	383/1	R-16/25	4.00	3.00	91/43	"	---		125	120	110	100	75	50	25	"
352	384/1	R-16/30	5.00	3.70	91/48	"	---		150	144	132	120	90	60	30	"

Pump O.D.	98 mm
Motor O.D.	98 mm

SINGLE PHASE

U-99 (V4) Water Filled Standard Submersible Pumpset suitable for 100 mm (4") Borewell

Sr. No.	P-Model Sr.No.	Pump Type/ Stage	Motor			Outlet Size	ISI Mark	Discharge								Recom'd Cable (in Sq.mm)
			Hp.	Kw.	Type			M ³ /H	6.78	7.26	7.98	8.52	9.72	10.74	11.70	
								LPM	113	121	133	142	162	179	195	
								LPS	1.88	2.02	2.22	2.37	2.70	2.98	3.25	
353	385/1	R-20/5	1.00	0.75	91/12	38mm(1.5")	ISI	TOTAL HEAD IN METRES	25	24	22	20	15	10	5	1.5
354	386/1	R-20/7	1.50	1.10	91/15	"	ISI		35	34	31	28	21	14	7	"
355	387/1	R-20/8	1.50	1.10	91/15	"	---		40	38	35	32	24	16	8	"
356	388/1	R-20/9	2.00	1.50	91/17	"	---		45	43	40	36	27	18	9	2.5
357	390/1	R-20/10	2.00	1.50	91/17	"	ISI		50	48	44	40	30	20	10	"
358	392/1	R-20/12	3.00	2.20	91/30	"	ISI		60	58	53	48	36	24	12	"
359	395/1	R-20/15	3.00	2.20	91/30	"	ISI		75	72	66	60	45	30	15	"
360	396/1	R-20/16	3.00	2.20	91/30	"	---		80	77	70	64	48	32	16	4.0
361	397/1	R-20/17	4.00	3.00	91/43	"	---		85	82	75	68	51	34	17	10.0
362	398/1	R-20/18	4.00	3.00	91/43	"	---		90	86	79	72	54	36	18	"
363	399/1	R-20/20	4.00	3.00	91/43	"	---		100	96	88	80	60	40	20	"
364	400/1	R-20/22	5.00	3.70	91/48	"	---		110	106	97	88	66	44	22	"
365	401/1	R-20/25	5.00	3.70	91/48	"	---		125	120	110	100	75	50	25	"

Sr. No.	P-Model Sr.No.	Pump Type/ Stage	Motor			Outlet Size	ISI Mark	Discharge								Recom'd Cable (in Sq.mm)
			Hp.	Kw.	Type			M ³ /H	5.52	6.00	7.68	9.06	11.22	13.32	14.34	
								LPM	92	100	128	151	187	222	239	
								LPS	1.53	1.67	2.13	2.52	3.12	3.70	3.98	
366	402/1	MF-25/3	0.75	0.55	91/10	50mm(2")	ISI	TOTAL HEAD IN METRES	14	13	12	10.5	8	6	3	1.5
367	403/1	MF-25/4	1.00	0.75	91/12	"	ISI		18	17	15	14	11	7	4	"
368	405/1	MF-25/6	1.50	1.10	91/15	"	ISI		26	25	23	21	16	11	5	"
369	407/1	MF-25/8	2.00	1.50	91/17	"	ISI		35	34	31	28	21	14	7	2.5
370	409/1	MF-25/10	3.00	2.20	91/30	"	ISI		44	42	39	35	26	18	9	"
371	410/1	MF-25/12	3.00	2.20	91/30	"	ISI		53	50	46	42	32	21	11	"
372	411/1	MF-25/13	3.00	2.20	91/30	"	---		57	55	50	46	34	23	11	"
373	412/1	MF-25/14	4.00	3.00	91/43	"	---		61	59	54	49	37	25	12	4
374	413/1	MF-25/15	4.00	3.00	91/43	"	---		66	63	58	53	39	26	13	"
375	414/1	MF-25/16	4.00	3.00	91/43	"	---		70	67	62	56	42	28	14	6.0
376	415/1	MF-25/18	5.00	3.70	91/48	"	---		79	76	69	63	47	32	16	10.0
377	416/1	MF-25/20	5.00	3.70	91/48	"	---		88	84	77	70	53	35	18	"

Sr. No.	P-Model Sr.No.	Pump Type/ Stage	Motor			Outlet Size	ISI Mark	Discharge								Recom'd Cable (in Sq.mm)
			Hp.	Kw.	Type			M ³ /H	2.82	6.06	7.32	10.20	16.32	19.86	22.20	
								LPM	47	101	122	170	272	331	370	
								LPS	0.78	1.68	2.03	2.83	4.53	5.52	6.17	
378	417/1	MF-40/5	2.00	1.50	91/17	50mm(2")	ISI	TOTAL HEAD IN METRES	25	24	22	20	15	10	5	2.5
379	418/1	MF-40/6	2.00	1.50	91/17	"	ISI		30	29	26	24	18	12	6	"
380	419/1	MF-40/7	3.00	2.20	91/30	"	ISI		35	34	31	28	21	14	7	"
381	421/1	MF-40/9	3.00	2.20	91/35	"	---		45	43	40	36	27	18	9	4.0
382	422/1	MF-40/9	4.00	3.00	91/43	"	---		45	43	40	36	27	18	9	"
383	423/1	MF-40/10	4.00	3.00	91/43	"	---		50	48	44	40	30	20	10	"
384	424/1	MF-40/12	5.00	3.70	91/48	"	---		60	58	53	48	36	24	12	6.0
385	425/1	MF-40/13	5.00	3.70	91/48	"	---		65	62	57	52	39	26	13	"
386	426/1	MF-40/14	5.00	3.70	91/48	"	---		70	67	62	56	42	28	14	"

Pump O.D.	98 mm
Motor O.D.	98 mm

SINGLE PHASE

U-99 (V4) Water Filled Classic Submersible Pumpset suitable for 100 mm (4") Borewell

Sr. No.	P-Model Sr.No.	Pump Type/ Stage	Motor			Outlet Size	ISI Mark	Discharge								Recom'd Cable (in Sq.mm)
			Hp.	Kw.	Type			M ³ /H	0.30	0.54	0.72	0.90	1.26	1.50	1.74	
								LPM	5	9	12	15	21	25	29	
								LPS	0.08	0.15	0.20	0.25	0.35	0.42	0.48	
387	264	R-4/35	1.50	1.10	91/17	25mm(1")	---	TOTAL HEAD IN METRES	175	168	154	140	105	70	35	"
388	265	R-4/37	1.50	1.10	91/17	"	---		185	178	163	148	111	74	37	"
389	266	R-4/40	2.00	1.50	91/22	"	---		200	192	176	160	120	80	40	6.0
390	267	R-4/42	2.00	1.50	91/22	"	---		210	202	185	168	126	84	42	"
391	268	R-4/45	2.00	1.50	91/22	"	---		225	216	198	180	135	90	45	"
392	269	R-4/50	2.00	1.50	91/22	"	---		250	240	220	200	150	100	50	10.0

Sr. No.	P-Model Sr.No.	Pump Type/ Stage	Motor			Outlet Size	ISI Mark	Discharge								Recom'd Cable (in Sq.mm)
			Hp.	Kw.	Type			M ³ /H	0.48	0.78	1.26	1.56	2.22	2.58	2.94	
								LPM	8	13	21	26	37	43	49	
								LPS	0.13	0.22	0.35	0.43	0.62	0.72	0.82	
393	298	R-6/35	3.00	2.20	91/30	25mm(1")	ISI	TOTAL HEAD IN METRES	175	168	154	140	105	70	35	"
394	299	R-6/36	3.00	2.20	91/30	"	---		180	173	158	144	108	72	36	"
395	300	R-6/37	3.00	2.20	91/35	"	---		185	178	163	148	111	74	37	"
396	301	R-6/38	3.00	2.20	91/35	"	---		190	182	167	152	114	76	38	"
397	302	R-6/39	3.00	2.20	91/35	"	---		195	187	172	156	117	78	39	"
398	303	R-6/40	3.00	2.20	91/35	"	ISI		200	192	176	160	120	80	40	"
399	304	R-6/45	3.00	2.20	91/35	"	ISI		225	216	198	180	135	90	45	"
400	305	R-6/50	3.00	2.20	91/35	"	---		250	240	220	200	150	100	50	"

Sr. No.	P-Model Sr.No.	Pump Type/ Stage	Motor			Outlet Size	ISI Mark	Discharge								Recom'd Cable (in Sq.mm)
			Hp.	Kw.	Type			M ³ /H	1.44	1.80	2.34	2.64	3.36	3.84	4.26	
								LPM	24	30	39	44	56	64	71	
								LPS	0.40	0.50	0.65	0.73	0.93	1.07	1.18	
401	332	R-8/35	3.00	2.20	91/35	25mm(1")	ISI	TOTAL HEAD IN METRES	175	168	154	140	105	70	35	"
402	333	R-8/37	3.00	2.20	91/35	"	---		185	178	163	148	111	74	37	"
403	334	R-8/40	3.00	2.20	91/35	"	ISI		200	192	176	160	120	80	40	"
404	335	R-8/45	4.00	3.00	91/43	"	---		225	216	198	180	135	90	45	"
405	336	R-8/50	4.00	3.00	91/43	"	---		250	240	220	200	150	100	50	"
406	337	R-8/60	5.00	3.70	91/48	"	---		300	288	264	240	180	120	60	"

Sr. No.	P-Model Sr.No.	Pump Type/ Stage	Motor			Outlet Size	ISI Mark	Discharge								Recom'd Cable (in Sq.mm)
			Hp.	Kw.	Type			M ³ /H	2.28	2.70	3.42	3.90	4.98	5.76	6.42	
								LPM	38	45	57	65	83	96	107	
								LPS	0.63	0.75	0.95	1.08	1.38	1.60	1.78	
407	363	R-11/35	4.00	3.00	91/43	32mm(1.25")	---	TOTAL HEAD IN METRES	175	168	154	140	105	70	35	"
408	364	R-11/37	4.00	3.00	91/43	"	---		185	178	163	148	111	74	37	"
409	365	R-11/39	5.00	3.70	91/48	"	---		195	187	172	156	117	78	39	"
410	366	R-11/42	5.00	3.70	91/48	"	---		210	202	185	168	126	84	42	"

Sr. No.	P-Model Sr.No.	Pump Type/ Stage	Motor			Outlet Size	ISI Mark	Discharge								Recom'd Cable (in Sq.mm)
			Hp.	Kw.	Type			M ³ /H	1.26	1.68	2.52	4.14	5.22	6.18	7.02	
								LPM	21	28	42	69	87	103	117	
								LPS	0.35	0.47	0.70	1.15	1.45	1.72	1.95	
411	448	LR-8/35	3.00	2.20	91/35	32mm(1.25")	ISI	TOTAL HEAD IN METRES	153	147	135	123	92	61	31	"
412	449	LR-8/37	3.00	2.20	91/35	"	---		162	155	142	130	97	65	32	"
413	450	LR-8/38	3.00	2.20	91/35	"	---		166	160	146	133	100	67	33	10
414	451	LR-8/40	3.00	2.20	91/35	"	---		175	168	154	140	105	70	35	"

Pump O.D.	98 mm
Motor O.D.	98 mm

SINGLE PHASE

U-99 (V4) Water Filled Klasic Submersible Pumpset suitable for 100 mm (4") Borewell

Sr. No.	P-Model Sr.No.	Pump Type/ Stage	Motor			Outlet Size	ISI Mark	Discharge								Recom'd Cable (in Sq.mm)
			Hp.	Kw.	Type			M ³ /H	11.70	12.78	14.94	18.00	23.40	27.72	31.44	
								LPM	195	213	249	300	390	462	524	
								LPS	3.25	3.55	4.15	5.00	6.50	7.70	8.73	
1	1202	MF-50/04	2.00	1.50	91/17	63mm(2.5")	----	TOTAL HEAD IN METRES	20	19	18	16	12	8	4	2.5
2	1203	MF-50/06	3.00	2.20	91/35	"	----		30	29	27	24	18	12	6	"
3	1204	MF-50/07	3.00	2.20	91/35	"	----		35	34	31	28	21	14	7	"
4	1205	MF-50/08	4.00	3.00	91/43	"	----		40	38	36	32	24	16	8	4.0
5	1206	MF-50/08	5.00	3.70	91/48	"	----		40	38	36	32	24	16	8	"
6	1207	MF-50/09	5.00	3.70	91/48	"	----		45	43	40	36	27	18	9	"
7	1208	MF-50/10	5.00	3.70	91/48	"	----		50	48	45	40	30	20	10	"

SINGLE PHASE

U-99 (V4) Water Filled HR Standard Submersible Pumpset suitable for 100 mm (4") Borewell

Sr. No.	P-Model Sr.No.	Pump Type/ Stage	Motor			Outlet Size	ISI Mark	Discharge									Recom'd Cable (in Sq.mm)	
			Hp.	Kw.	Type			M3/H	0.00	0.50	0.76	1.14	1.38	1.98	2.70	3.24		3.46
								LPM	0	8.4	12.6	19	23	33	45	54		57.6
								LPS	0.00	0.14	0.21	0.32	0.38	0.55	0.75	0.90	0.96	
415	1269	HR-7/6	0.50	0.37	91/10	32mm(1.25")	---	TOTAL HEAD IN METRES	44	41	40	38	36	33	25	17	13	1.5
416	1270	HR-7/7	0.50	0.37	91/10	"	---		51	48	46	44	42	38.5	29	19	15	"
417	1271	HR-7/8	0.50	0.37	91/10	"	---		59	55	53	51	48	44	33	22	18	"
418	1272	HR-7/9	0.75	0.55	91/12	"	---		66	62	59	57	54	49.5	37	25	20	"
419	1273	HR-7/10	0.75	0.55	91/12	"	---		73	69	66	63	61	55	41	28	22	"
420	1274	HR-7/11	0.75	0.55	91/12	"	---		80	76	73	70	67	60.5	45	30	24	"
421	1275	HR-7/12	1.00	0.75	91/15	"	---		88	83	79	76	73	66	50	33	26	"
422	1276	HR-7/13	1.00	0.75	91/15	"	---		95	89	86	82	79	71.5	54	36	29	"
423	1277	HR-7/14	1.00	0.75	91/15	"	---		102	96	92	89	85	77	58	39	31	"
424	1278	HR-7/15	1.00	0.75	91/15	"	---		110	103	99	95	91	82.5	62	41	33	2.5
425	1279	HR-7/16	1.50	1.10	91/17	"	---		117	110	106	101	97	88	66	44	35	"
426	1280	HR-7/17	1.50	1.10	91/17	"	---		124	117	112	108	103	93.5	70	47	37	"
427	1281	HR-7/18	1.50	1.10	91/17	"	---		132	124	119	114	109	99	74	50	40	"
428	1282	HR-7/19	1.50	1.10	91/17	"	---		139	131	125	120	115	104.5	78	52	42	"
429	1283	HR-7/20	1.50	1.10	91/17	"	---		146	138	132	127	121	110	83	55	44	"
430	1284	HR-7/21	1.50	1.10	91/17	"	---		154	144	139	133	127	115.5	87	58	46	4
431	1285	HR-7/22	1.50	1.10	91/17	"	---		161	151	145	139	133	121	91	61	48	"
432	1286	HR-7/23	2.00	1.50	91/22	"	---		168	158	152	145	139	126.5	95	63	51	"
433	1287	HR-7/24	2.00	1.50	91/22	"	---		176	165	158	152	145	132	99	66	53	6
434	1288	HR-7/25	2.00	1.50	91/22	"	---		183	172	165	158	151	137.5	103	69	55	"
435	1289	HR-7/26	2.00	1.50	91/22	"	---		190	179	172	164	157	143	107	72	57	"
436	1290	HR-7/27	2.00	1.50	91/22	"	---		198	186	178	171	163	148.5	111	74	59	"
437	1291	HR-7/28	2.00	1.50	91/22	"	---		205	193	185	177	169	154	116	77	62	"
438	1292	HR-7/29	2.00	1.50	91/22	"	---		212	199	191	183	175	159.5	120	80	64	"
439	1293	HR-7/30	3.00	2.20	91/35	"	---		219	206	198	190	182	165	124	83	66	"
440	1294	HR-7/31	3.00	2.20	91/35	"	---		227	213	205	196	188	170.5	128	85	68	10
441	1295	HR-7/32	3.00	2.20	91/35	"	---		234	220	211	202	194	176	132	88	70	"
442	1296	HR-7/33	3.00	2.20	91/35	"	---		241	227	218	209	200	181.5	136	91	73	"
443	1297	HR-7/34	3.00	2.20	91/35	"	---		249	234	224	215	206	187	140	94	75	"

Sr. No.	P-Model Sr.No.	Pump Type/ Stage	Motor			Outlet Size	ISI Mark	Discharge									Recom'd Cable (in Sq.mm)	
			Hp.	Kw.	Type			M3/H	0.00	1.40	1.73	2.05	2.59	3.20	4.10	4.75		4.97
								LPM	0	23	29	34	43	53.4	68.4	79.2		82.8
								LPS	0.00	0.39	0.48	0.57	0.72	0.89	1.14	1.32	1.38	
444	1314	HR-11/5	0.50	0.37	91/10	32mm(1.25")	---	TOTAL HEAD IN METRES	41	36	34	33	30	27.5	21	14	11	1.5
445	1315	HR-11/6	0.50	0.37	91/10	"	---		50	43	41	40	36	33	25	17	13	"
446	1316	HR-11/7	0.75	0.55	91/12	"	---		58	50	48	46	42	38.5	29	19	15	"
447	1317	HR-11/8	0.75	0.55	91/12	"	---		66	57	55	53	48	44	33	22	18	"
448	1318	HR-11/9	1.00	0.75	91/15	"	---		74	64	62	59	54	49.5	37	25	20	"
449	1319	HR-11/10	1.00	0.75	91/15	"	---		83	72	69	66	61	55	41	28	22	"
450	1320	HR-11/11	1.50	1.10	91/17	"	---		91	79	76	73	67	60.5	45	30	24	"
451	1321	HR-11/12	1.50	1.10	91/17	"	---		99	86	83	79	73	66	50	33	26	"
452	1322	HR-11/13	1.50	1.10	91/17	"	---		107	93	89	86	79	71.5	54	36	29	2.5
453	1323	HR-11/14	1.50	1.10	91/17	"	---		116	100	96	92	85	77	58	39	31	"
454	1324	HR-11/15	2.00	1.50	91/22	"	---		124	107	103	99	91	82.5	62	41	33	"
455	1325	HR-11/16	2.00	1.50	91/22	"	---		132	114	110	106	97	88	66	44	35	4
456	1326	HR-11/17	2.00	1.50	91/22	"	---		140	122	117	112	103	93.5	70	47	37	"
457	1327	HR-11/18	2.00	1.50	91/22	"	---		149	129	124	119	109	99	74	50	40	"
458	1328	HR-11/19	2.00	1.50	91/22	"	---		157	136	131	125	115	104.5	78	52	42	"
459	1329	HR-11/20	3.00	2.20	91/35	"	---		165	143	138	132	121	110	83	55	44	"
460	1330	HR-11/21	3.00	2.20	91/35	"	---		173	150	144	139	127	115.5	87	58	46	"
461	1331	HR-11/22	3.00	2.20	91/35	"	---		182	157	151	145	133	121	91	61	48	4
462	1332	HR-11/23	3.00	2.20	91/35	"	---		190	164	158	152	139	126.5	95	63	51	"
463	1333	HR-11/24	3.00	2.20	91/35	"	---		198	172	165	158	145	132	99	66	53	6
464	1334	HR-11/25	3.00	2.20	91/35	"	---		206	179	172	165	151	137.5	103	69	55	"
465	1335	HR-11/26	3.00	2.20	91/35	"	---		215	186	179	172	157	143	107	72	57	"
466	1336	HR-11/27	3.00	2.20	91/35	"	---		223	193	186	178	163	148.5	111	74	59	"
467	1337	HR-11/28	3.00	2.20	91/35	"	---		231	200	193	185	169	154	116	77	62	"
468	1338	HR-11/29	4.00	3.00	91/43	"	---		239	207	199	191	175	159.5	120	80	64	"
469	1339	HR-11/30	4.00	3.00	91/43	"	---		248	215	206	198	182	165	124	83	66	"
470	1340	HR-11/31	4.00	3.00	91/43	"	---		256	222	213	205	188	170.5	128	85	68	10
471	1341	HR-11/32	4.00	3.00	91/43	"	---		264	229	220	211	194	176	132	88	70	"
472	1342	HR-11/33	4.00	3.00	91/43	"	---		272	236	227	218	200	181.5	136	91	73	"
473	1343	HR-11/34	4.00	3.00	91/43	"	---		281	243	234	224	206	187	140	94	75	"

SINGLE PHASE

U-99 (V4) Water Filled HR Standard Submersible Pumpset suitable for 100 mm (4") Borewell

Sr. No.	P-Model Sr.No.	Pump Type/ Stage	Motor			Outlet Size	ISI Mark	Discharge								Recom'd Cable (in Sq.mm)		
			Hp.	Kw.	Type			M3/H	0.00	1.15	2.59	2.77	3.18	3.67	4.54		5.18	5.44
								LPM	0	19.2	43.2	46.2	53	61.2	75.6		86.4	90.6
								LPS	0.00	0.32	0.72	0.77	0.88	1.02	1.26	1.44	1.51	
474	1356	HR-13/4	0.50	0.37	91/10	32mm(1.25")	---		34	31	28	26	24	22	17	11	9	1.5
475	1357	HR-13/5	0.75	0.55	91/12	"	---		43	39	34	33	30	27.5	21	14	11	"
476	1358	HR-13/6	0.75	0.55	91/12	"	---		51	46	41	40	36	33	25	17	13	"
477	1359	HR-13/7	1.00	0.75	91/15	"	---		60	54	48	46	42	38.5	29	19	15	"
478	1360	HR-13/8	1.00	0.75	91/15	"	---		68	62	55	53	48	44	33	22	18	"
479	1361	HR-13/9	1.50	1.10	91/17	"	---		77	69	62	59	54	49.5	37	25	20	"
480	1362	HR-13/10	1.50	1.10	91/17	"	---		85	77	69	66	61	55	41	28	22	"
481	1363	HR-13/11	1.50	1.10	91/17	"	---		94	85	76	73	67	60.5	45	30	24	"
482	1364	HR-13/12	1.50	1.10	91/17	"	---		102	92	83	79	73	66	50	33	26	"
483	1365	HR-13/13	2.00	1.50	91/22	"	---		111	100	89	86	79	71.5	54	36	29	2.5
484	1366	HR-13/14	2.00	1.50	91/22	"	---		119	108	96	92	85	77	58	39	31	"
485	1367	HR-13/15	2.00	1.50	91/22	"	---		128	116	103	99	91	82.5	62	41	33	"
486	1368	HR-13/16	2.00	1.50	91/22	"	---		136	123	110	106	97	88	66	44	35	4
487	1369	HR-13/17	3.00	2.20	91/35	"	---		145	131	117	112	103	93.5	70	47	37	"
488	1370	HR-13/18	3.00	2.20	91/35	"	---		153	139	124	119	109	99	74	50	40	"
489	1371	HR-13/19	3.00	2.20	91/35	"	---		162	146	131	125	115	104.5	78	52	42	"
490	1372	HR-13/20	3.00	2.20	91/35	"	---		171	154	138	132	121	110	83	55	44	6
491	1373	HR-13/21	3.00	2.20	91/35	"	---		179	162	144	139	127	115.5	87	58	46	"
492	1374	HR-13/22	3.00	2.20	91/35	"	---		188	169	151	145	133	121	91	61	48	"
493	1375	HR-13/23	3.00	2.20	91/35	"	---		196	177	158	152	139	126.5	95	63	51	10
494	1376	HR-13/24	4.00	3.00	91/43	"	---		205	185	165	158	145	132	99	66	53	"
495	1377	HR-13/25	4.00	3.00	91/43	"	---		213	193	172	165	151	137.5	103	69	55	"
496	1378	HR-13/26	4.00	3.00	91/43	"	---		222	200	179	172	157	143	107	72	57	"
497	1379	HR-13/27	4.00	3.00	91/43	"	---		230	208	186	178	163	148.5	111	74	59	"
498	1380	HR-13/28	4.00	3.00	91/43	"	---		239	216	193	185	169	154	116	77	62	"
499	1381	HR-13/29	4.00	3.00	91/43	"	---		247	223	199	191	175	159.5	120	80	64	"
500	1382	HR-13/30	4.00	3.00	91/43	"	---		256	231	206	198	182	165	124	83	66	"
501	1383	HR-13/31	4.00	3.00	91/43	"	---		264	239	213	205	188	170.5	128	85	68	"
502	1384	HR-13/32	5.00	3.70	91/48	"	---		273	246	220	211	194	176	132	88	70	"
503	1385	HR-13/33	5.00	3.70	91/48	"	---		281	254	227	218	200	181.5	136	91	73	"
504	1386	HR-13/34	5.00	3.70	91/48	"	---		290	262	234	224	206	187	140	94	75	"

TOTAL HEAD IN METRES

Sr. No.	P-Model Sr.No.	Pump Type/ Stage	Motor			Outlet Size	ISI Mark	Discharge								Recom'd Cable (in Sq.mm)		
			Hp.	Kw.	Type			M3/H	0.00	2.12	2.84	3.60	4.07	4.68	6.05		7.06	7.52
								LPM	0	35	47	60	68	78	100.8		117.6	125.4
								LPS	0.00	0.59	0.79	1.00	1.13	1.30	1.68	1.96	2.09	
505	1549	HR-16/3	0.50	0.37	91/10	38mm(1.5")	---		23	21	20	19	18	16.5	12	8	7	1.5
506	1550	HR-16/4	0.75	0.55	91/12	"	---		31	28	26	25	24	22	17	11	9	"
507	1551	HR-16/5	0.75	0.55	91/12	"	---		39	34	33	32	30	27.5	21	14	11	"
508	1552	HR-16/6	1.00	0.75	91/15	"	---		46	41	40	38	36	33	25	17	13	"
509	1553	HR-16/7	1.00	0.75	91/15	"	---		54	48	46	44	42	38.5	29	19	15	"
510	1554	HR-16/8	1.50	1.10	91/17	"	---		62	55	53	51	48	44	33	22	18	"
511	1555	HR-16/9	1.50	1.10	91/17	"	---		69	62	59	57	54	49.5	37	25	20	"
512	1556	HR-16/10	1.50	1.10	91/17	"	---		77	69	66	63	61	55	41	28	22	"
513	1557	HR-16/11	2.00	1.50	91/22	"	---		85	76	73	70	67	60.5	45	30	24	2.5
514	1558	HR-16/12	2.00	1.50	91/22	"	---		92	83	79	76	73	66	50	33	26	"
515	1559	HR-16/13	2.00	1.50	91/22	"	---		100	89	86	82	79	71.5	54	36	29	"
516	1560	HR-16/14	2.00	1.50	91/22	"	---		108	96	92	89	85	77	58	39	31	"
517	1561	HR-16/15	3.00	2.20	91/35	"	---		116	103	99	95	91	82.5	62	41	33	4
518	1562	HR-16/16	3.00	2.20	91/35	"	---		123	110	106	101	97	88	66	44	35	"
519	1563	HR-16/17	3.00	2.20	91/35	"	---		131	117	112	108	103	93.5	70	47	37	"
520	1564	HR-16/18	3.00	2.20	91/35	"	---		139	124	119	114	109	99	74	50	40	"
521	1565	HR-16/19	3.00	2.20	91/35	"	---		146	131	125	120	115	104.5	78	52	42	"
522	1566	HR-16/20	3.00	2.20	91/35	"	---		154	138	132	127	121	110	83	55	44	6
523	1567	HR-16/21	4.00	3.00	91/43	"	---		162	144	139	133	127	115.5	87	58	46	"
524	1568	HR-16/22	4.00	3.00	91/43	"	---		169	151	145	139	133	121	91	61	48	"
525	1569	HR-16/23	4.00	3.00	91/43	"	---		177	158	152	145	139	126.5	95	63	51	"
526	1570	HR-16/24	4.00	3.00	91/43	"	---		185	165	158	152	145	132	99	66	53	"
527	1571	HR-16/25	4.00	3.00	91/43	"	---		193	172	165	158	151	137.5	103	69	55	10
528	1572	HR-16/26	4.00	3.00	91/43	"	---		200	179	172	164	157	143	107	72	57	"
529	1573	HR-16/27	5.00	3.70	91/48	"	---		208	186	178	171	163	148.5	111	74	59	"
530	1574	HR-16/28	5.00	3.70	91/48	"	---		216	193	185	177	169	154	116	77	62	"
531	1575	HR-16/29	5.00	3.70	91/48	"	---		223	199	191	183	175	159.5	120	80	64	"
532	1576	HR-16/30	5.00	3.70	91/48	"	---		231	206	198	190	182	165	124	83	66	"
533	1577	HR-16/31	5.00	3.70	91/48	"	---		239	213	205	196	188	170.5	128	85	68	"
534	1578	HR-16/32	5.00	3.70	91/48	"	---		246	220	211	202	194	176	132	88	70	"

TOTAL HEAD IN METRES

SINGLE PHASE

U-99 (V4) Water Filled HR Standard Submersible Pumpset suitable for 100 mm (4") Borewell

Sr. No.	P-Model Sr.No.	Pump Type/ Stage	Motor			Outlet Size	ISI Mark	Discharge										Recom'd Cable (in Sq.mm)
			Hp.	Kw.	Type			M3/H	0.00	2.41	3.20	4.03	4.50	5.40	7.02	8.14	8.71	
								LPM	0	40	53	67	75	90	117	135.6	145.2	
								LPS	0.00	0.67	0.89	1.12	1.25	1.50	1.95	2.26	2.42	
535	1579	HR-20/3	0.50	0.37	91/10	38mm(1.5")	---	TOTAL HEAD IN METRES	23	21	20	19	18	16.5	12	8	7	1.5
536	1580	HR-20/4	0.75	0.55	91/12	"	---		31	28	26	25	24	22	17	11	9	"
537	1581	HR-20/5	1.00	0.75	91/15	"	---		39	34	33	32	30	27.5	21	14	11	"
538	1582	HR-20/6	1.00	0.75	91/15	"	---		47	41	40	38	36	33	25	17	13	"
539	1583	HR-20/7	1.50	1.10	91/17	"	---		55	48	46	44	42	38.5	29	19	15	"
540	1584	HR-20/8	1.50	1.10	91/17	"	---		62	55	53	51	48	44	33	22	18	"
541	1585	HR-20/9	2.00	1.50	91/22	"	---		70	62	59	57	54	49.5	37	25	20	2.5
542	1586	HR-20/10	2.00	1.50	91/22	"	---		78	69	66	63	61	55	41	28	22	"
543	1587	HR-20/11	2.00	1.50	91/22	"	---		86	76	73	70	67	60.5	45	30	24	"
544	1588	HR-20/12	3.00	2.20	91/35	"	---		94	83	79	76	73	66	50	33	26	"
545	1589	HR-20/13	3.00	2.20	91/35	"	---		102	89	86	82	79	71.5	54	36	29	"
546	1590	HR-20/14	3.00	2.20	91/35	"	---		109	96	92	89	85	77	58	39	31	"
547	1591	HR-20/15	3.00	2.20	91/35	"	---		117	103	99	95	91	82.5	62	41	33	4
548	1592	HR-20/16	3.00	2.20	91/35	"	---		125	110	106	101	97	88	66	44	35	"
549	1593	HR-20/17	4.00	3.00	91/43	"	---		133	117	112	108	103	93.5	70	47	37	"
550	1594	HR-20/18	4.00	3.00	91/43	"	---		141	124	119	114	109	99	74	50	40	6
551	1595	HR-20/19	4.00	3.00	91/43	"	---		148	131	125	120	115	104.5	78	52	42	"
552	1596	HR-20/20	4.00	3.00	91/43	"	---		156	138	132	127	121	110	83	55	44	"
553	1597	HR-20/21	5.00	3.70	91/48	"	---		164	144	139	133	127	115.5	87	58	46	10
554	1598	HR-20/22	5.00	3.70	91/48	"	---		172	151	145	139	133	121	91	61	48	"
555	1599	HR-20/23	5.00	3.70	91/48	"	---		180	158	152	145	139	126.5	95	63	51	"
556	1600	HR-20/24	5.00	3.70	91/48	"	---		187	165	158	152	145	132	99	66	53	"
557	1601	HR-20/25	5.00	3.70	91/48	"	---		195	172	165	158	151	137.5	103	69	55	"

THREE PHASE

U-99 (V4) Water Filled Standard Submersible Pumpset suitable for 100 mm (4") Borewell

Sr. No.	P-Model Sr.No.	Pump Type/ Stage	Motor			Outlet Size	ISI Mark	Discharge								Recom'd Cable (in Sq.mm)	Method of Starting
			Hp.	Kw.	Type			M ³ /H	0.48	0.78	1.26	1.56	2.22	2.58	2.94		
								LPM	8	13	21	26	37	43	49		
								LPS	0.13	0.22	0.35	0.43	0.62	0.72	0.82		
558	465/1	R-6/14	1.00	0.75	91/17	25mm(1")	ISI	70	67	62	56	42	28	14	1.5	D.O.L	
559	466/1	R-6/15	1.00	0.75	91/17	"	---	75	72	66	60	45	30	15	"	"	
560	467/1	R-6/16	1.00	0.75	91/17	"	ISI	80	77	70	64	48	32	16	"	"	
561	468/1	R-6/17	1.00	0.75	91/17	"	---	85	82	75	68	51	34	17	"	"	
562	469/1	R-6/18	1.00	0.75	91/17	"	---	90	86	79	72	54	36	18	"	"	
563	471/1	R-6/20	1.50	1.1	91/22	"	ISI	100	96	88	80	60	40	20	"	"	
564	472/1	R-6/21	1.50	1.1	91/22	"	---	105	101	92	84	63	42	21	"	"	
565	473/1	R-6/22	1.50	1.1	91/22	"	ISI	110	106	97	88	66	44	22	"	"	
566	474/1	R-6/23	1.50	1.1	91/22	"	---	115	110	101	92	69	46	23	"	"	
567	475/1	R-6/24	1.50	1.1	91/22	"	---	120	115	106	96	72	48	24	"	"	
568	476/1	R-6/25	1.50	1.1	91/22	"	ISI	125	120	110	100	75	50	25	"	"	
569	477/1	R-6/26	1.50	1.1	91/22	"	---	130	125	114	104	78	52	26	"	"	
570	478/1	R-6/27	1.50	1.1	91/22	"	---	135	130	119	108	81	54	27	"	"	
571	479/1	R-6/28	2.00	1.5	91/25	"	ISI	140	134	123	112	84	56	28	2.5	"	
572	480/1	R-6/29	2.00	1.5	91/25	"	---	145	139	128	116	87	58	29	"	"	
573	481/1	R-6/30	2.00	1.5	91/25	"	ISI	150	144	132	120	90	60	30	"	"	
574	482/1	R-6/31	2.00	1.5	91/25	"	---	155	149	136	124	93	62	31	"	"	
575	483/1	R-6/32	2.00	1.5	91/25	"	---	160	154	141	128	96	64	32	"	"	
576	484/1	R-6/33	2.00	1.5	91/25	"	ISI	165	158	145	132	99	66	33	"	"	
577	485/1	R-6/34	2.00	1.5	91/25	"	---	170	163	150	136	102	68	34	"	"	

Sr. No.	P-Model Sr.No.	Pump Type/ Stage	Motor			Outlet Size	ISI Mark	Discharge								Recom'd Cable (in Sq.mm)	Method of Starting
			Hp.	Kw.	Type			M ³ /H	1.44	1.80	2.34	2.64	3.36	3.84	4.26		
								LPM	24	30	39	44	56	64	71		
								LPS	0.40	0.50	0.65	0.73	0.93	1.07	1.18		
578	494/1	R-8/12	1.00	0.75	91/17	25mm(1")	ISI	60	58	53	48	36	24	12	1.5	D.O.L	
579	495/1	R-8/13	1.00	0.75	91/17	"	---	65	62	57	52	39	26	13	"	"	
580	496/1	R-8/14	1.00	0.75	91/17	"	---	70	67	62	56	42	28	14	"	"	
581	497/1	R-8/15	1.50	1.1	91/22	"	---	75	72	66	60	45	30	15	"	"	
582	498/1	R-8/16	1.50	1.1	91/22	"	---	80	77	70	64	48	32	16	"	"	
583	500/1	R-8/18	1.50	1.1	91/22	"	ISI	90	86	79	72	54	36	18	"	"	
584	502/1	R-8/20	1.50	1.1	91/22	"	---	100	96	88	80	60	40	20	"	"	
585	503/1	R-8/21	2.00	1.5	91/25	"	---	105	101	92	84	63	42	21	"	"	
586	504/1	R-8/22	2.00	1.5	91/25	"	---	110	106	97	88	66	44	22	"	"	
587	505/1	R-8/23	2.00	1.5	91/25	"	---	115	110	101	92	69	46	23	"	"	
588	506/1	R-8/24	2.00	1.5	91/25	"	---	120	115	106	96	72	48	24	"	"	
589	507/1	R-8/25	2.00	1.5	91/25	"	ISI	125	120	110	100	75	50	25	"	"	
590	508/1	R-8/26	2.00	1.5	91/25	"	---	130	125	114	104	78	52	26	"	"	
591	509/1	R-8/27	2.00	1.5	91/25	"	---	135	130	119	108	81	54	27	"	"	
592	510/1	R-8/28	2.00	1.5	91/25	"	---	140	134	123	112	84	56	28	"	"	
593	511/1	R-8/29	3.00	2.2	91/30	"	---	145	139	128	116	87	58	29	"	"	
594	512/1	R-8/30	3.00	2.2	91/30	"	---	150	144	132	120	90	60	30	2.5	"	
595	513/1	R-8/33	3.00	2.2	91/30	"	---	165	158	145	132	99	66	33	"	"	

Sr. No.	P-Model Sr.No.	Pump Type/ Stage	Motor			Outlet Size	ISI Mark	Discharge								Recom'd Cable (in Sq.mm)	Method of Starting
			Hp.	Kw.	Type			M ³ /H	2.28	2.70	3.42	3.90	4.98	5.76	6.42		
								LPM	38	45	57	65	83	96	107		
								LPS	0.63	0.75	0.95	1.08	1.38	1.60	1.78		
596	521/1	R-11/9	1.00	0.75	91/17	32mm(1.25")	ISI	45	43	40	36	27	18	9	1.5	D.O.L	
597	522/1	R-11/10	1.00	0.75	91/17	"	---	50	48	44	40	30	20	10	"	"	
598	523/1	R-11/11	1.00	0.75	91/17	"	---	55	53	48	44	33	22	11	"	"	
599	524/1	R-11/12	1.50	1.1	91/22	"	---	60	58	53	48	36	24	12	"	"	
600	525/1	R-11/13	1.50	1.1	91/22	"	ISI	65	62	57	52	39	26	13	"	"	
601	526/1	R-11/14	1.50	1.1	91/22	"	---	70	67	62	56	42	28	14	"	"	
602	527/1	R-11/15	1.50	1.1	91/22	"	---	75	72	66	60	45	30	15	"	"	
603	528/1	R-11/16	2.00	1.5	91/25	"	---	80	77	70	64	48	32	16	"	"	
604	530/1	R-11/18	2.00	1.5	91/25	"	ISI	90	86	79	72	54	36	18	"	"	
605	532/1	R-11/20	2.00	1.5	91/25	"	---	100	96	88	80	60	40	20	"	"	

THREE PHASE

U-99 (V4) Water Filled Standard Submersible Pumpset suitable for 100 mm (4") Borewell

Sr. No.	P-Model Sr.No.	Pump Type/ Stage	Motor			Outlet Size	ISI Mark	Discharge								Recom'd Cable (in Sq.mm)	Method of Starting
			Hp.	Kw.	Type			M ³ /H	2.28	2.70	3.42	3.90	4.98	5.76	6.42		
								LPM	38	45	57	65	83	96	107		
								LPS	0.63	0.75	0.95	1.08	1.38	1.60	1.78		
606	533/1	R-11/21	3.00	2.2	91/30	32mm(1.25")	---	TOTAL HEAD IN METRES	105	101	92	84	63	42	21	"	"
607	534/1	R-11/22	3.00	2.2	91/30	"	---		110	106	97	88	66	44	22	"	"
608	535/1	R-11/23	3.00	2.2	91/30	"	---		115	110	101	92	69	46	23	"	"
609	536/1	R-11/24	3.00	2.2	91/30	"	---		120	115	106	96	72	48	24	"	"
610	537/1	R-11/25	3.00	2.2	91/30	"	---		125	120	110	100	75	50	25	"	"
611	538/1	R-11/26	3.00	2.2	91/30	"	ISI		130	125	114	104	78	52	26	2.5	"
612	539/1	R-11/27	3.00	2.2	91/30	"	---		135	130	119	108	81	54	27	"	"
613	540/1	R-11/28	3.00	2.2	91/30	"	---		140	134	123	112	84	56	28	"	"
614	541/1	R-11/29	3.00	2.2	91/35	"	---		145	139	128	116	87	58	29	"	"
615	542/1	R-11/30	4.00	3	91/35	"	---		150	144	132	120	90	60	30	"	"
616	543/1	R-11/33	4.00	3	91/35	"	---		165	158	145	132	99	66	33	"	"

Sr. No.	P-Model Sr.No.	Pump Type/ Stage	Motor			Outlet Size	ISI Mark	Discharge								Recom'd Cable (in Sq.mm)	Method of Starting
			Hp.	Kw.	Type			M ³ /H	3.96	4.56	5.46	6.18	7.56	8.70	9.72		
								LPM	66	76	91	103	126	145	162		
								LPS	1.10	1.27	1.52	1.72	2.10	2.42	2.70		
617	550/1	R-16/5	1.00	0.75	91/17	38mm(1.5")	ISI	TOTAL HEAD IN METRES	25	24	22	20	15	10	5	1.5	D.O.L
618	551/1	R-16/6	1.00	0.75	91/17	"	ISI		30	29	26	24	16	12	6	"	"
619	552/1	R-16/7	1.00	0.75	91/17	"	---		35	34	31	28	21	14	7	"	"
620	553/1	R-16/8	1.50	1.1	91/22	"	ISI		40	38	35	32	24	16	8	"	"
621	554/1	R-16/9	1.50	1.1	91/22	"	ISI		45	43	40	36	27	18	9	"	"
622	555/1	R-16/10	1.50	1.1	91/22	"	---		50	48	44	40	30	20	10	"	"
623	556/1	R-16/11	2.00	1.5	91/25	"	---		55	53	48	44	33	22	11	"	"
624	557/1	R-16/12	2.00	1.5	91/25	"	ISI		60	58	53	48	36	24	12	1.5	"
625	560/1	R-16/15	3.00	2.2	91/30	"	ISI		75	72	66	60	45	30	15	"	"
626	561/1	R-16/16	3.00	2.2	91/30	"	---		80	77	70	64	48	32	16	"	"
627	562/1	R-16/17	3.00	2.2	91/30	"	---		85	82	75	68	51	34	17	"	"
628	563/1	R-16/18	3.00	2.2	91/30	"	ISI		90	86	79	72	54	36	18	"	"
629	564/1	R-16/20	3.00	2.2	91/30	"	ISI		100	96	88	80	60	40	20	"	"
630	565/1	R-16/22	4.00	3	91/35	"	---		110	106	97	88	66	44	22	2.5	"
631	566/1	R-16/25	4.00	3	91/35	"	ISI		125	120	110	100	75	50	25	"	"
632	567/1	R-16/30	5.00	3.7	91/38	"	ISI		150	144	132	120	90	60	30	4.0	"

Sr. No.	P-Model Sr.No.	Pump Type/ Stage	Motor			Outlet Size	ISI Mark	Discharge								Recom'd Cable (in Sq.mm)	Method of Starting
			Hp.	Kw.	Type			M ³ /H	6.78	7.26	7.98	8.52	9.72	10.74	11.70		
								LPM	113	121	133	142	162	179	195		
								LPS	1.88	2.02	2.22	2.37	2.70	2.98	3.25		
633	574/1	R-20/5	1.00	0.75	91/17	38mm(1.5")	ISI	TOTAL HEAD IN METRES	25	24	22	20	15	10	5	1.5	D.O.L
634	576/1	R-20/7	1.50	1.1	91/22	"	ISI		35	34	31	28	21	14	7	"	"
635	577/1	R-20/8	1.50	1.1	91/22	"	---		40	38	35	32	24	16	8	"	"
636	578/1	R-20/9	2.00	1.5	91/25	"	---		45	43	40	36	27	18	9	"	"
637	579/1	R-20/10	2.00	1.5	91/25	"	ISI		50	48	44	40	30	20	10	"	"
638	581/1	R-20/12	3.00	2.2	91/30	"	---		60	58	53	48	36	24	12	"	"
639	584/1	R-20/15	3.00	2.2	91/30	"	ISI		75	72	66	60	45	30	15	"	"
640	585/1	R-20/16	3.00	2.2	91/30	"	---		80	77	70	64	48	32	16	"	"
641	586/1	R-20/17	4.00	3	91/35	"	---		85	82	75	68	51	34	17	"	"
642	587/1	R-20/18	4.00	3	91/35	"	---		90	86	79	72	54	36	18	"	"
643	588/1	R-20/20	4.00	3	91/35	"	ISI		100	96	88	80	60	40	20	"	"
644	589/1	R-20/22	5.00	3.7	91/38	"	---		110	106	97	88	66	44	22	2.5	"
645	590/1	R-20/25	5.00	3.7	91/38	"	ISI		125	120	110	100	75	50	25	"	"
646	591/1	R-20/26	5.00	3.7	91/38	"	---		130	125	114	104	78	52	26	4.0	"
647	592/1	R-20/28	6.00	4.5	91/48	"	---		140	134	123	112	84	56	28	"	"
648	593/1	R-20/30	6.00	4.5	91/48	"	---		150	144	132	120	90	60	30	"	"

Pump O.D.	98 mm
Motor O.D.	98 mm

THREE PHASE

U-99 (V4) Water Filled Standard Submersible Pumpset suitable for 100 mm (4") Borewell

Sr. No.	P-Model Sr.No.	Pump Type/ Stage	Motor			Outlet Size	ISI Mark	Discharge								Recom'd Cable (in Sq.mm)	Method of Starting
			Hp.	Kw.	Type			M ³ /H	5.52	6.60	7.68	9.06	11.22	13.32	14.34		
								LPM	92	110	128	151	187	222	239		
								LPS	1.53	1.83	2.13	2.52	3.12	3.70	3.98		
649	597/1	MF-25/4	1.00	0.75	91/17	50mm(2")	ISI	TOTAL HEAD IN METRES	18	17	15	14	11	7	4	1.5	D.O.L
650	599/1	MF-25/6	1.50	1.1	91/22	"	ISI		26	25	23	21	16	11	5	"	"
651	601/1	MF-25/8	2.00	1.5	91/25	"	ISI		35	34	31	28	21	14	7	"	"
652	603/1	MF-25/10	3.00	2.2	91/30	"	---		44	42	39	35	26	18	9	"	"
653	604/1	MF-25/12	3.00	2.2	91/30	"	ISI		53	50	46	42	32	21	11	"	"
654	605/1	MF-25/13	3.00	2.2	91/30	"	---		57	55	50	46	34	23	11	"	"
655	606/1	MF-25/14	4.00	3	91/35	"	---		61	59	54	49	37	25	12	"	"
656	607/1	MF-25/15	4.00	3	91/35	"	---		66	63	58	53	39	26	13	"	"
657	608/1	MF-25/16	4.00	3	91/35	"	ISI		70	67	62	56	42	28	14	"	"
658	609/1	MF-25/18	5.00	3.7	91/38	"	---		79	75	69	63	47	32	16	2.5	"
659	610/1	MF-25/20	5.00	3.7	91/38	"	ISI	88	84	77	70	53	35	18	"	"	

Sr. No.	P-Model Sr.No.	Pump Type/ Stage	Motor			Outlet Size	ISI Mark	Discharge								Recom'd Cable (in Sq.mm)	Method of Starting
			Hp.	Kw.	Type			M ³ /H	2.82	6.06	7.32	10.20	16.32	19.86	22.20		
								LPM	47	101	122	170	272	331	370		
								LPS	0.78	1.68	2.03	2.83	4.53	5.52	6.17		
660	615/1	MF-40/5	2.00	1.5	91/25	50mm(2")	ISI	TOTAL HEAD IN METRES	25	24	22	20	15	10	5	1.5	D.O.L
661	616/1	MF-40/6	2.00	1.5	91/25	"	ISI		30	29	26	24	18	12	6	"	"
662	617/1	MF-40/7	3.00	2.2	91/30	"	ISI		35	34	31	28	21	14	7	"	"
663	619/1	MF-40/9	4.00	3	91/35	"	---		45	43	40	36	27	18	9	"	"
664	620/1	MF-40/10	4.00	3	91/35	"	ISI		50	48	44	40	30	20	10	"	"
665	621/1	MF-40/12	5.00	3.7	91/38	"	ISI		60	58	53	48	36	24	12	"	"
666	622/1	MF-40/13	5.00	3.7	91/38	"	---		65	62	57	52	39	26	13	"	"
667	623/1	MF-40/14	5.00	3.7	91/38	"	---		70	67	62	56	42	28	14	"	"

THREE PHASE

U-99 (V4) Water Filled Klassic Submersible Pumpset suitable for 100 mm (4") Borewell

Sr. No.	P-Model Sr.No.	Pump Type/ Stage	Motor			Outlet Size	ISI Mark	Discharge								Recom'd Cable (in Sq.mm)	Method of Starting
			Hp.	Kw.	Type			M ³ /H	0.30	0.54	0.72	0.90	1.26	1.50	1.74		
								LPM	5	9	12	15	21	25	29		
668	459	R-4/35	1.50	1.10	91/22	25mm(1")	---	TOTAL	175	168	154	140	105	70	35	"	"
669	460	R-4/37	1.50	1.10	91/22	"	---		185	178	163	148	111	74	37	2.5	"
670	461	R-4/40	2.00	1.50	91/25	"	---		200	192	176	160	120	80	40	"	"
671	462	R-4/42	2.00	1.50	91/25	"	---		210	202	185	168	126	84	42	"	"
672	463	R-4/45	2.00	1.50	91/25	"	---		225	216	198	180	135	90	45	"	"
673	464	R-4/50	2.00	1.50	91/25	"	---		250	240	220	200	150	100	50	4.0	"

Sr. No.	P-Model Sr.No.	Pump Type/ Stage	Motor			Outlet Size	ISI Mark	Discharge								Recom'd Cable (in Sq.mm)	Method of Starting
			Hp.	Kw.	Type			M ³ /H	0.48	0.78	1.26	1.56	2.22	2.58	2.94		
								LPM	8	13	21	26	37	43	49		
674	486	R-6/35	2.00	1.50	91/25	25mm(1")	---	TOTAL	175	168	154	140	105	70	35	"	"
675	487	R-6/36	2.00	1.50	91/25	"	---		180	173	158	144	108	72	36	"	"
676	488	R-6/37	2.00	1.50	91/25	"	---		185	178	163	148	111	74	37	"	"
677	489	R-6/38	3.00	2.20	91/30	"	---		190	182	167	152	114	76	38	"	"
678	490	R-6/39	3.00	2.20	91/30	"	---		195	187	172	156	117	78	39	"	"
679	491	R-6/40	3.00	2.20	91/38	"	ISI		200	192	176	160	120	80	40	"	"
680	492	R-6/45	3.00	2.20	91/38	"	ISI	225	216	198	180	135	90	45	"	"	
681	493	R-6/50	3.00	2.20	91/38	"	ISI	250	240	220	200	150	100	50	4.0	"	

Sr. No.	P-Model Sr.No.	Pump Type/ Stage	Motor			Outlet Size	ISI Mark	Discharge								Recom'd Cable (in Sq.mm)	Method of Starting
			Hp.	Kw.	Type			M ³ /H	1.44	1.80	2.34	2.64	3.36	3.84	4.26		
								LPM	24	30	39	44	56	64	71		
682	514	R-8/35	3.00	2.20	91/30	25mm(1")	ISI	TOTAL	175	168	154	140	105	70	35	"	"
683	515	R-8/37	3.00	2.20	91/30	"	---		185	178	163	148	111	74	37	"	"
684	516	R-8/40	3.00	2.20	91/30	"	ISI		200	192	176	160	120	80	40	"	"
685	517	R-8/45	4.00	3.00	91/35	"	ISI		225	216	198	180	135	90	45	4.0	"
686	518	R-8/50	4.00	3.00	91/35	"	ISI		250	240	220	200	150	100	50	"	"
687	519	R-8/55	5.00	3.70	91/43	"	---		275	264	242	220	165	110	55	6.0	"
688	520	R-8/60	5.00	3.70	91/43	"	---	300	288	264	240	180	120	60	"	"	

Sr. No.	P-Model Sr.No.	Pump Type/ Stage	Motor			Outlet Size	ISI Mark	Discharge								Recom'd Cable (in Sq.mm)	Method of Starting
			Hp.	Kw.	Type			M ³ /H	2.28	2.70	3.42	3.90	4.98	5.76	6.42		
								LPM	38	45	57	65	83	96	107		
689	544	R-11/35	4.00	3.00	91/35	32mm(1.25")	ISI	TOTAL	175	168	154	140	105	70	35	"	"
690	545	R-11/37	4.00	3.00	91/35	"	---		185	178	163	148	111	74	37	4.0	"
691	546	R-11/39	5.00	3.70	91/38	"	---		195	187	172	156	117	78	39	"	"
692	547	R-11/42	5.00	3.70	91/38	"	ISI		210	202	185	168	126	84	42	"	"
693	548	R-11/55	6.00	4.50	91/48	"	---		275	264	242	220	165	110	55	6.0	"
694	549	R-11/60	6.00	4.50	91/48	"	---		300	288	264	240	180	120	60	"	"

THREE PHASE

U-99 (V4) Water Filled Klassic Submersible Pumpset suitable for 100 mm (4") Borewell

Sr. No.	P-Model Sr.No.	Pump Type/ Stage	Motor			Outlet Size	ISI Mark	Discharge								Recom'd Cable (in Sq.mm)	Method of Starting
			Hp.	Kw.	Type			M ³ /H	3.96	4.56	5.46	6.18	7.56	8.70	9.72		
								LPM	66	76	91	103	126	145	162		
695	568	R-16/35	6.00	4.50	91/48	38mm(1.5")	---	TOTAL HEAD IN METRES	175	168	154	140	105	70	35	"	"
696	569	R-16/37	6.00	4.50	91/48	"	---		185	178	163	148	111	74	37	"	"
697	570	R-16/38	6.00	4.50	91/48	"	---		190	182	167	152	114	76	38	"	"
698	571	R-16/40	7.50	5.50	91/48	"	---		200	192	176	160	120	80	40	"	"
699	572	R-16/41	7.50	5.50	91/48	"	---		205	197	180	164	123	82	41	"	"
700	573	R-16/46	7.50	5.50	91/48	"	---		230	221	202	184	138	92	46	"	"

Sr. No.	P-Model Sr.No.	Pump Type/ Stage	Motor			Outlet Size	ISI Mark	Discharge								Recom'd Cable (in Sq.mm)	Method of Starting
			Hp.	Kw.	Type			M ³ /H	6.78	7.26	7.98	8.52	9.72	10.74	11.70		
								LPM	113	121	133	142	162	179	195		
701	595	R-20/35	7.50	5.50	91/48	38mm(1.5")	---	HEAD IN METRES	175	168	154	140	105	70	35	"	"
702	596	R-20/37	7.50	5.50	91/48	"	---		185	178	163	148	111	74	37	"	"

Sr. No.	P-Model Sr.No.	Pump Type/ Stage	Motor			Outlet Size	ISI Mark	Discharge								Recom'd Cable (in Sq.mm)	Method of Starting
			Hp.	Kw.	Type			M ³ /H	1.26	1.68	2.52	4.14	5.22	6.18	7.02		
								LPM	21	28	42	69	87	103	117		
703	645	LR-8/35	3.00	2.20	91/38	32mm(1.25")	ISI	TOTAL HEAD IN METRES	153	147	135	123	92	61	31	"	"
704	646	LR-8/37	3.00	2.20	91/38	"	---		162	155	142	130	97	65	32	"	"
705	647	LR-8/38	3.00	2.20	91/38	"	ISI		166	160	146	133	100	67	33	"	"
706	648	LR-8/40	3.00	2.20	91/38	"	---		175	168	154	140	105	70	35	"	"

Sr. No.	P-Model Sr.No.	Pump Type/ Stage	Motor			Outlet Size	ISI Mark	Discharge								Recom'd Cable (in Sq.mm)	Method of Starting
			Hp.	Kw.	Type			M ³ /H	11.70	12.78	14.94	18.00	23.40	27.72	31.44		
								LPM	195	213	249	300	390	462	524		
1	1209	MF-50/04	2.00	1.50	91/25	63mm(2.5")	---	TOTAL HEAD IN METERS	20	19	18	16	12	8	4	1.5	D.O.L
2	1210	MF-50/06	3.00	2.20	91/30	"	---		30	29	27	24	18	12	6	"	"
3	1211	MF-50/07	4.00	3.00	91/35	"	---		35	34	31	28	21	14	7	"	"
4	1212	MF-50/08	4.00	3.00	91/35	"	---		40	38	36	32	24	16	8	"	"
5	1213	MF-50/08	5.00	3.70	91/38	"	---		40	38	36	32	24	16	8	"	"
6	1214	MF-50/09	5.00	3.70	91/38	"	---		45	43	40	36	27	18	9	"	"
7	1215	MF-50/10	5.00	3.70	91/43	"	---		50	48	45	40	30	20	10	"	"
8	1216	MF-50/11	6.00	4.50	91/48	"	---		55	53	49	44	33	22	11	"	"
9	1217	MF-50/12	6.00	4.50	91/48	"	---		60	58	54	48	36	24	12	"	"
10	1218	MF-50/13	7.50	5.50	91/48	"	---		65	62	58	52	39	26	13	2.5	"
11	1219	MF-50/14	7.50	5.50	91/48	"	---		70	67	63	56	42	28	14	"	"
12	1220	MF-50/15	7.50	5.50	91/48	"	---		75	72	67	60	45	30	15	"	"

Pump O.D.	98 mm
Motor O.D.	98 mm

THREE PHASE

U-99 (V4) Water Filled HR Standard Submersible Pumpset suitable for 100 mm (4") Borewell

Sr. No.	P-Model Sr.No.	Pump Type/ Stage	Motor			Outlet Size	ISI Mark	Discharge								Recom'd Cable (in Sq.mm)	Method of Starting		
			Hp.	Kw.	Type			M3/H	0.00	0.50	0.76	1.14	1.38	1.98	2.70			3.24	3.46
								LPM	0	8.4	12.6	19	23	33	45			54	57.6
								LPS	0.00	0.14	0.21	0.32	0.38	0.55	0.75	0.90	0.96		
707	1392	HR-7/12	1.00	0.75	91/17	32mm(1.25")	---	TOTAL HEAD IN METRES	88	83	79	76	73	66	50	33	26	1.5	D.O.L
708	1393	HR-7/13	1.00	0.75	91/17	"	---		95	89	86	82	79	71.5	54	36	29	"	"
709	1394	HR-7/14	1.00	0.75	91/17	"	---		102	96	92	89	85	77	58	39	31	"	"
710	1395	HR-7/15	1.00	0.75	91/17	"	---		110	103	99	95	91	82.5	62	41	33	"	"
711	1396	HR-7/16	1.50	1.10	91/22	"	---		117	110	106	101	97	88	66	44	35	"	"
712	1397	HR-7/17	1.50	1.10	91/22	"	---		124	117	112	108	103	93.5	70	47	37	"	"
713	1398	HR-7/18	1.50	1.10	91/22	"	---		132	124	119	114	109	99	74	50	40	"	"
714	1399	HR-7/19	1.50	1.10	91/22	"	---		139	131	125	120	115	104.5	78	52	42	"	"
715	1400	HR-7/20	1.50	1.10	91/22	"	---		146	138	132	127	121	110	83	55	44	"	"
716	1401	HR-7/21	1.50	1.10	91/22	"	---		154	144	139	133	127	115.5	87	58	46	"	"
717	1402	HR-7/22	1.50	1.10	91/22	"	---		161	151	145	139	133	121	91	61	48	2.5	"
718	1403	HR-7/23	2.00	1.50	91/25	"	---		168	158	152	145	139	126.5	95	63	51	"	"
719	1404	HR-7/24	2.00	1.50	91/25	"	---		176	165	158	152	145	132	99	66	53	"	"
720	1405	HR-7/25	2.00	1.50	91/25	"	---		183	172	165	158	151	137.5	103	69	55	"	"
721	1406	HR-7/26	2.00	1.50	91/25	"	---		190	179	172	164	157	143	107	72	57	"	"
722	1407	HR-7/27	2.00	1.50	91/25	"	---		198	186	178	171	163	148.5	111	74	59	"	"
723	1408	HR-7/28	2.00	1.50	91/25	"	---		205	193	185	177	169	154	116	77	62	"	"
724	1409	HR-7/29	2.00	1.50	91/25	"	---		212	199	191	183	175	159.5	120	80	64	"	"
725	1410	HR-7/30	3.00	2.20	91/30	"	---		219	206	198	190	182	165	124	83	66	"	"
726	1411	HR-7/31	3.00	2.20	91/30	"	---		227	213	205	196	188	170.5	128	85	68	"	"
727	1412	HR-7/32	3.00	2.20	91/30	"	---		234	220	211	202	194	176	132	88	70	"	"
728	1413	HR-7/33	3.00	2.20	91/30	"	---		241	227	218	209	200	181.5	136	91	73	"	"
729	1414	HR-7/34	3.00	2.20	91/30	"	---		249	234	224	215	206	187	140	94	75	"	"

Sr. No.	P-Model Sr.No.	Pump Type/ Stage	Motor			Outlet Size	ISI Mark	Discharge								Recom'd Cable (in Sq.mm)	Method of Starting		
			Hp.	Kw.	Type			M3/H	0.00	1.40	1.73	2.05	2.59	3.20	4.10			4.75	4.97
								LPM	0	23	29	34	43	53.4	68.4			79.2	82.8
								LPS	0.00	0.39	0.48	0.57	0.72	0.89	1.14	1.32	1.38		
730	1431	HR-11/9	1.00	0.75	91/17	32mm(1.25")	---	TOTAL HEAD IN METRES	74	64	62	59	54	49.5	37	25	20	1.5	D.O.L
731	1432	HR-11/10	1.00	0.75	91/17	"	---		83	72	69	66	61	55	41	28	22	"	"
732	1433	HR-11/11	1.50	1.10	91/22	"	---		91	79	76	73	67	60.5	45	30	24	"	"
733	1434	HR-11/12	1.50	1.10	91/22	"	---		99	86	83	79	73	66	50	33	26	"	"
734	1435	HR-11/13	1.50	1.10	91/22	"	---		107	93	89	86	79	71.5	54	36	29	"	"
735	1436	HR-11/14	1.50	1.10	91/22	"	---		116	100	96	92	85	77	58	39	31	"	"
736	1437	HR-11/15	2.00	1.50	91/25	"	---		124	107	103	99	91	82.5	62	41	33	"	"
737	1438	HR-11/16	2.00	1.50	91/25	"	---		132	114	110	106	97	88	66	44	35	"	"
738	1439	HR-11/17	2.00	1.50	91/25	"	---		140	122	117	112	103	93.5	70	47	37	"	"
739	1440	HR-11/18	2.00	1.50	91/25	"	---		149	129	124	119	109	99	74	50	40	"	"
740	1441	HR-11/19	2.00	1.50	91/25	"	---		157	136	131	125	115	104.5	78	52	42	"	"
741	1442	HR-11/20	3.00	2.20	91/30	"	---		165	143	138	132	121	110	83	55	44	2.5	"
742	1443	HR-11/21	3.00	2.20	91/30	"	---		173	150	144	139	127	115.5	87	58	46	"	"
743	1444	HR-11/22	3.00	2.20	91/30	"	---		182	157	151	145	133	121	91	61	48	"	"
744	1445	HR-11/23	3.00	2.20	91/30	"	---		190	164	158	152	139	126.5	95	63	51	"	"
745	1446	HR-11/24	3.00	2.20	91/30	"	---		198	172	165	158	145	132	99	66	53	"	"
746	1447	HR-11/25	3.00	2.20	91/30	"	---		206	179	172	165	151	137.5	103	69	55	"	"
747	1448	HR-11/26	3.00	2.20	91/30	"	---		215	186	179	172	157	143	107	72	57	"	"
748	1449	HR-11/27	3.00	2.20	91/30	"	---		223	193	186	178	163	148.5	111	74	59	"	"
749	1450	HR-11/28	3.00	2.20	91/30	"	---		231	200	193	185	169	154	116	77	62	"	"
750	1451	HR-11/29	4.00	3.00	91/35	"	---		239	207	199	191	175	159.5	120	80	64	4	"
751	1452	HR-11/30	4.00	3.00	91/35	"	---		248	215	206	198	182	165	124	83	66	"	"
752	1453	HR-11/31	4.00	3.00	91/35	"	---		256	222	213	205	188	170.5	128	85	68	"	"
753	1454	HR-11/32	4.00	3.00	91/35	"	---		264	229	220	211	194	176	132	88	70	4	D.O.L
754	1455	HR-11/33	4.00	3.00	91/35	"	---		272	236	227	218	200	181.5	136	91	73	"	"
755	1456	HR-11/34	4.00	3.00	91/35	"	---		281	243	234	224	206	187	140	94	75	"	"

Pump O.D.	98 mm
Motor O.D.	98 mm

THREE PHASE

U-99 (V4) Water Filled HR Standard Submersible Pumpset suitable for 100 mm (4") Borewell

Sr. No.	P-Model Sr.No.	Pump Type/ Stage	Motor			Outlet Size	ISI Mark	Discharge								Recom'd Cable (in Sq.mm)	Method of Starting		
			Hp.	Kw.	Type			M3/H	0.00	1.15	2.59	2.77	3.18	3.67	4.54			5.18	5.44
								LPM	0	19.2	43.2	46.2	53	61.2	75.6			86.4	90.6
								LPS	0.00	0.32	0.72	0.77	0.88	1.02	1.26	1.44	1.51		
756	1473	HR-13/7	1.00	0.75	91/17	32mm(1.25")	---	TOTAL HEAD IN METRES	60	54	48	46	42	38.5	29	19	15	1.5	D.O.L
757	1474	HR-13/8	1.00	0.75	91/17	"	---		68	62	55	53	48	44	33	22	18	"	"
758	1475	HR-13/9	1.50	1.10	91/22	"	---		77	69	62	59	54	49.5	37	25	20	"	"
759	1476	HR-13/10	1.50	1.10	91/22	"	---		85	77	69	66	61	55	41	28	22	"	"
760	1477	HR-13/11	1.50	1.10	91/22	"	---		94	85	76	73	67	60.5	45	30	24	"	"
761	1478	HR-13/12	1.50	1.10	91/22	"	---		102	92	83	79	73	66	50	33	26	"	"
762	1479	HR-13/13	2.00	1.50	91/25	"	---		111	100	89	86	79	71.5	54	36	29	"	"
763	1480	HR-13/14	2.00	1.50	91/25	"	---		119	108	96	92	85	77	58	39	31	"	"
764	1481	HR-13/15	2.00	1.50	91/25	"	---		128	116	103	99	91	82.5	62	41	33	"	"
765	1482	HR-13/16	2.00	1.50	91/25	"	---		136	123	110	106	97	88	66	44	35	"	"
766	1483	HR-13/17	3.00	2.20	91/30	"	---		145	131	117	112	103	93.5	70	47	37	"	"
767	1484	HR-13/18	3.00	2.20	91/30	"	---		153	139	124	119	109	99	74	50	40	"	"
768	1485	HR-13/19	3.00	2.20	91/30	"	---		162	146	131	125	115	104.5	78	52	42	"	"
769	1486	HR-13/20	3.00	2.20	91/30	"	---		171	154	138	132	121	110	83	55	44	2.5	"
770	1487	HR-13/21	3.00	2.20	91/30	"	---		179	162	144	139	127	115.5	87	58	46	"	"
771	1488	HR-13/22	3.00	2.20	91/30	"	---		188	169	151	145	133	121	91	61	48	"	"
772	1489	HR-13/23	3.00	2.20	91/30	"	---		196	177	158	152	139	126.5	95	63	51	"	"
773	1490	HR-13/24	4.00	3.00	91/35	"	---		205	185	165	158	145	132	99	66	53	"	"
774	1491	HR-13/25	4.00	3.00	91/35	"	---		213	193	172	165	151	137.5	103	69	55	"	"
775	1492	HR-13/26	4.00	3.00	91/35	"	---		222	200	179	172	157	143	107	72	57	"	"
776	1493	HR-13/27	4.00	3.00	91/35	"	---		230	208	186	178	163	148.5	111	74	59	4	"
777	1494	HR-13/28	4.00	3.00	91/35	"	---		239	216	193	185	169	154	116	77	62	"	"
778	1495	HR-13/29	4.00	3.00	91/35	"	---		247	223	199	191	175	159.5	120	80	64	"	"
779	1496	HR-13/30	4.00	3.00	91/35	"	---		256	231	206	198	182	165	124	83	66	"	"
780	1497	HR-13/31	4.00	3.00	91/35	"	---		264	239	213	205	188	170.5	128	85	68	"	"
781	1498	HR-13/32	5.00	3.70	91/38	"	---		273	246	220	211	194	176	132	88	70	"	"
782	1499	HR-13/33	5.00	3.70	91/38	"	---		281	254	227	218	200	181.5	136	91	73	"	"
783	1500	HR-13/34	5.00	3.70	91/38	"	---		290	262	234	224	206	187	140	94	75	6	"

Sr. No.	P-Model Sr.No.	Pump Type/ Stage	Motor			Outlet Size	ISI Mark	Discharge								Recom'd Cable (in Sq.mm)	Method of Starting		
			Hp.	Kw.	Type			M3/H	0.00	2.12	2.84	3.60	4.07	4.68	6.05			7.06	7.52
								LPM	0	35	47	60	68	78	100.8			117.6	125.4
								LPS	0.00	0.59	0.79	1.00	1.13	1.30	1.68	1.96	2.09		
784	1602	HR-16/6	1.00	0.75	91/17	38mm(1.5")	---	TOTAL HEAD IN METRES	46	41	40	38	36	33.0	25	17	13	1.5	D.O.L
785	1603	HR-16/7	1.00	0.75	91/17	"	---		54	48	46	44	42	38.5	29	19	15	"	"
786	1604	HR-16/8	1.50	1.10	91/22	"	---		62	55	53	51	48	44.0	33	22	18	"	"
787	1605	HR-16/9	1.50	1.10	91/22	"	---		69	62	59	57	54	49.5	37	25	20	"	"
788	1606	HR-16/10	1.50	1.10	91/22	"	---		77	69	66	63	61	55.0	41	28	22	"	"
789	1607	HR-16/11	2.00	1.50	91/25	"	---		85	76	73	70	67	60.5	45	30	24	"	"
790	1608	HR-16/12	2.00	1.50	91/25	"	---		92	83	79	76	73	66.0	50	33	26	"	"
791	1609	HR-16/13	2.00	1.50	91/25	"	---		100	89	86	82	79	71.5	54	36	29	"	"
792	1610	HR-16/14	2.00	1.50	91/25	"	---		108	96	92	89	85	77.0	58	39	31	"	"
793	1611	HR-16/15	3.00	2.20	91/30	"	---		116	103	99	95	91	82.5	62	41	33	"	"
794	1612	HR-16/16	3.00	2.20	91/30	"	---		123	110	106	101	97	88.0	66	44	35	"	"
795	1613	HR-16/17	3.00	2.20	91/30	"	---		131	117	112	108	103	93.5	70	47	37	"	"
796	1614	HR-16/18	3.00	2.20	91/30	"	---		139	124	119	114	109	99.0	74	50	40	"	"
797	1615	HR-16/19	3.00	2.20	91/30	"	---		146	131	125	120	115	104.5	78	52	42	"	"
798	1616	HR-16/20	3.00	2.20	91/30	"	---		154	138	132	127	121	110.0	83	55	44	2.5	"
799	1617	HR-16/21	4.00	3.00	91/35	"	---		162	144	139	133	127	115.5	87	58	46	"	"
800	1618	HR-16/22	4.00	3.00	91/35	"	---		169	151	145	139	133	121.0	91	61	48	"	"
801	1619	HR-16/23	4.00	3.00	91/35	"	---		177	158	152	145	139	126.5	95	63	51	"	"
802	1620	HR-16/24	4.00	3.00	91/35	"	---		185	165	158	152	145	132.0	99	66	53	"	"
803	1621	HR-16/25	4.00	3.00	91/35	"	---		193	172	165	158	151	137.5	103	69	55	"	"
804	1622	HR-16/26	4.00	3.00	91/35	"	---		200	179	172	164	157	143.0	107	72	57	"	"
805	1623	HR-16/27	4.00	3.00	91/35	"	---		208	186	178	171	163	148.5	111	74	59	"	"
806	1624	HR-16/28	5.00	3.70	91/38	"	---		216	193	185	177	169	154.0	116	77	62	4	"
807	1625	HR-16/29	5.00	3.70	91/38	"	---		223	199	191	183	175	159.5	120	80	64	"	"
808	1626	HR-16/30	5.00	3.70	91/38	"	---		231	206	198	190	182	165.0	124	83	66	"	"
809	1627	HR-16/31	5.00	3.70	91/38	"	---		239	213	205	196	188	170.5	128	85	68	"	"
810	1628	HR-16/32	5.00	3.70	91/38	"	---		246	220	211	202	194	176.0	132	88	70	"	"
811	1629	HR-16/33	6.00	4.50	91/43	"	---		254	227	218	209	200	181.5	136	91	73	6	"
812	1630	HR-16/34	6.00	4.50	91/43	"	---	262	234	224	215	206	187.0	140	94	75	"	"	

Pump O.D.	98 mm
Motor O.D.	98 mm

THREE PHASE

U-99 (V4) Water Filled HR Standard Submersible Pumpset suitable for 100 mm (4") Borewell

Sr. No.	P-Model Sr.No.	Pump Type/ Stage	Motor			Outlet Size	ISI Mark	Discharge								Recom'd Cable (in Sq.mm)	Method of Starting		
			Hp.	Kw.	Type			M3/H	0.00	2.41	3.20	4.03	4.50	5.40	7.02			8.14	8.71
								LPM	0	40	53	67	75	90	117			135.6	145.2
								LPS	0.00	0.67	0.89	1.12	1.25	1.50	1.95			2.26	2.42
813	1646	HR-20/5	1.00	0.75	91/17	38mm(1.5")	---	TOTAL HEAD IN METRES	39	34	33	32	30	27.5	21	14	11	1.5	D.O.L
814	1647	HR-20/6	1.00	0.75	91/17	"	---		47	41	40	38	36	33	25	17	13	"	"
815	1648	HR-20/7	1.50	1.10	91/22	"	---		55	48	46	44	42	38.5	29	19	15	"	"
816	1649	HR-20/8	1.50	1.10	91/22	"	---		62	55	53	51	48	44	33	22	18	"	"
817	1650	HR-20/9	2.00	1.50	91/25	"	---		70	62	59	57	54	49.5	37	25	20	"	"
818	1651	HR-20/10	2.00	1.50	91/25	"	---		78	69	66	63	61	55	41	28	22	"	"
819	1652	HR-20/11	2.00	1.50	91/25	"	---		86	76	73	70	67	60.5	45	30	24	"	"
820	1653	HR-20/12	3.00	2.20	91/30	"	---		94	83	79	76	73	66	50	33	26	"	"
821	1654	HR-20/13	3.00	2.20	91/30	"	---		102	89	86	82	79	71.5	54	36	29	"	"
822	1655	HR-20/14	3.00	2.20	91/30	"	---		109	96	92	89	85	77	58	39	31	"	"
823	1656	HR-20/15	3.00	2.20	91/30	"	---		117	103	99	95	91	82.5	62	41	33	"	"
824	1657	HR-20/16	3.00	2.20	91/30	"	---		125	110	106	101	97	88	66	44	35	2.5	"
825	1658	HR-20/17	4.00	3.00	91/35	"	---		133	117	112	108	103	93.5	70	47	37	"	"
826	1659	HR-20/18	4.00	3.00	91/35	"	---		141	124	119	114	109	99	74	50	40	"	"
827	1660	HR-20/19	4.00	3.00	91/35	"	---		148	131	125	120	115	104.5	78	52	42	"	"
828	1661	HR-20/20	4.00	3.00	91/35	"	---		156	138	132	127	121	110	83	55	44	"	"
829	1662	HR-20/21	5.00	3.70	91/38	"	---		164	144	139	133	127	115.5	87	58	46	"	"
830	1663	HR-20/22	5.00	3.70	91/38	"	---		172	151	145	139	133	121	91	61	48	4	"
831	1664	HR-20/23	5.00	3.70	91/38	"	---		180	158	152	145	139	126.5	95	63	51	"	"
832	1665	HR-20/24	5.00	3.70	91/38	"	---		187	165	158	152	145	132	99	66	53	"	"
833	1666	HR-20/25	5.00	3.70	91/38	"	---		195	172	165	158	151	137.5	103	69	55	"	"
834	1667	HR-20/26	6.00	4.50	91/43	"	---		203	179	172	164	157	143	107	72	57	"	"
835	1668	HR-20/27	6.00	4.50	91/43	"	---		211	186	178	171	163	148.5	111	74	59	"	"
836	1669	HR-20/28	6.00	4.50	91/43	"	---		219	193	185	177	169	154	116	77	62	"	"
837	1670	HR-20/29	6.00	4.50	91/43	"	---		226	199	191	183	175	159.5	120	80	64	"	"
838	1671	HR-20/30	6.00	4.50	91/43	"	---		234	206	198	190	182	165	124	83	66	"	"
839	1672	HR-20/31	7.50	5.50	91/48	"	---		242	213	205	196	188	170.5	128	85	68	6	"
840	1673	HR-20/32	7.50	5.50	91/48	"	---		250	220	211	202	194	176	132	88	70	"	"
841	1674	HR-20/33	7.50	5.50	91/48	"	---		258	227	218	209	200	181.5	136	91	73	"	"
842	1675	HR-20/34	7.50	5.50	91/48	"	---		266	234	224	215	206	187	140	94	75	"	"