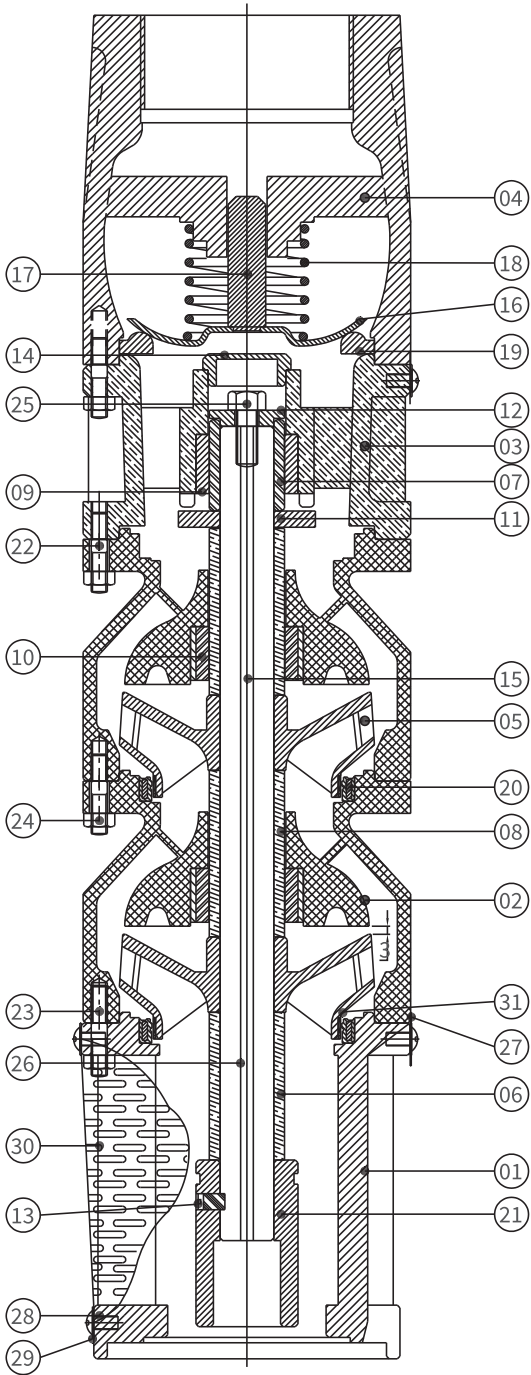


Submersible Pumps

5MF 510 SERIES PUMP DESIGN

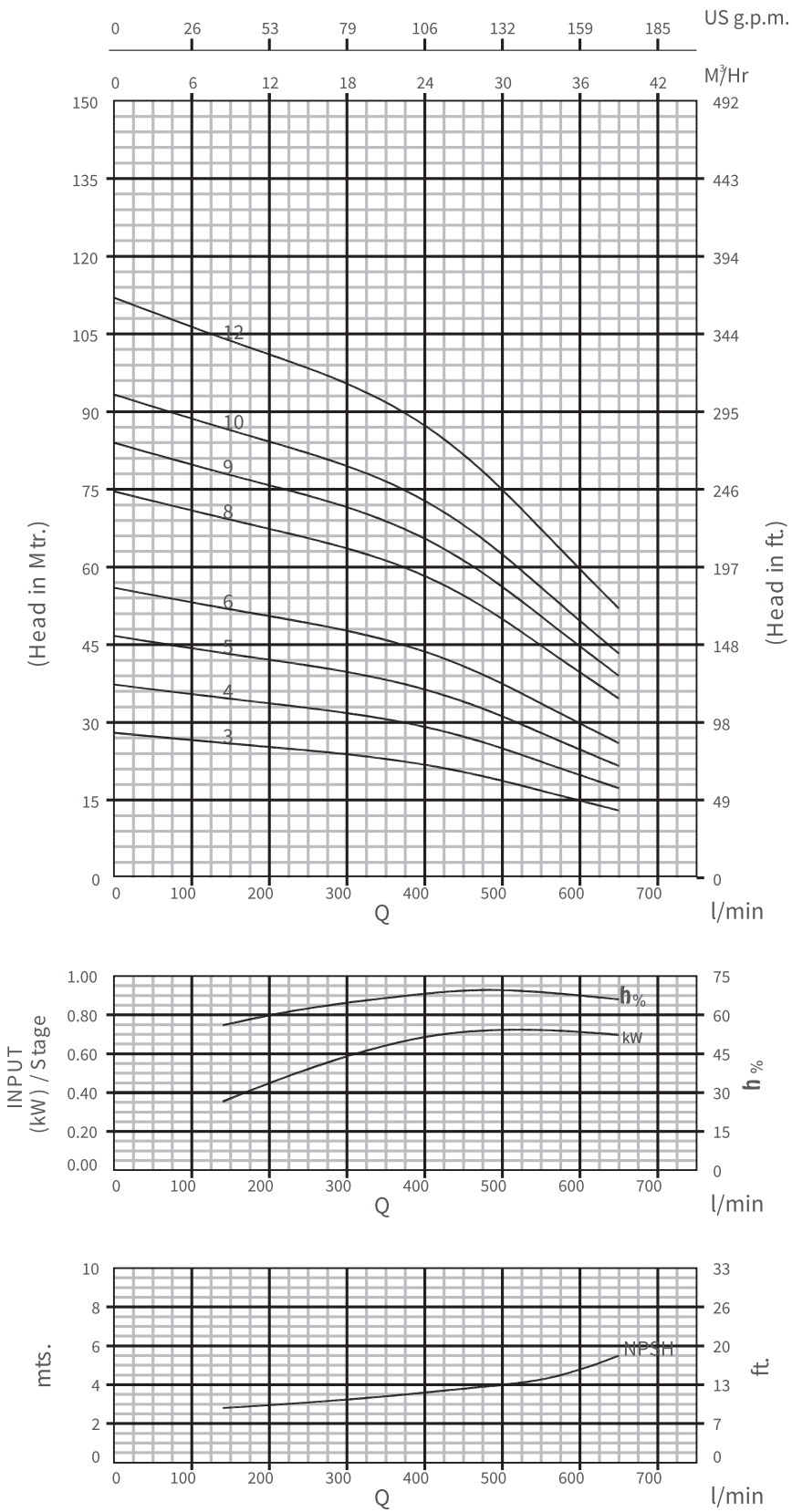
Material Specification

NO	PART NAME	MATERIAL	QTY.
1	SUCTION	C.I. (F.G 200)	01
2	STAGE CASING	C.I. (F.G 200)	/ST.
3	D.O.L.	C.I. (F.G 200)	01
4	DELIVERY CASING	C.I. (F.G 200)	01
5	IMPELLER (C.I.)	C.I. (F.G 200)	/ST.
6	SLEEVE (DIST.)	S.S. 410	01
7	SLEEVE (DOL)	S.S. 410	01
8	SLEEVE (BOWL)	S.S. 410	/ST.
9	BEARING BUSH	L.T.B 4 (2% Ni.)	01
10	METAL RUBBER BUSH	N.B.R./M.S.	/ST.
11	THRUST COLLAR	S.S. 410	01
12	TOP COLLAR	S.S. 410	01
13	GRUB SCREW(DOMESTIC)	S.S. 304	01
14	DOL CAP	PVC	01
15	SHAFT	S.S. 410	01
16	N.R.V. CONE PLATE	S.S. 202	01
17	N.R.V. CONE ROD	S.S. 410	01
18	N.R.V. CONE SPRING	SPRING STEEL	01
19	N.R.V. NECKRING	N.B.R.	01
20	BOWL NRCKRING	M.S./N.B.R.	/ST.
21	COUPLING(DOMESTIC)	S.S. 410	01
22	STUD(DOL,BOWL)	S.S. 410	8+08/ST.
23	STUD (SUCTION)	S.S. 410	08
24	HEX NUT	S.S. 202	16+8/ST.
25	HEX BOLT	S.S. 304	01
26	KEY	S.S. 410	REQ.
27	SCREW(CABLE CLIP)	BRASS	04
28	SCREW(STRAINER)	BRASS	02
29	SCREW WASHER	BRASS	06
30	STRAINER	S.S.202	01
31	IMPELLER NECKRING	S.S. 202	/ST.



5MF 510, 50Hz
ISO 9906 Annexure A

Performance Curves



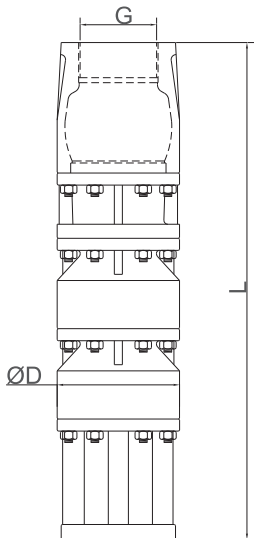
5MF 510, 50Hz
ISO 9906 Annexure A

Performance Chart

Model Name		Rating			l/min m ³ /h	Discharge						
Single Phase	Three Phase	Stage	kW	HP		0	140	225	360	470	570	650
						0	8.4	13.5	21.6	28.2	34.2	39.0

5MF 510-03	5MF 510-03	3	2.20	3.00	HEAD IN Mtrs.	28	26	25	23	20	16	13
5MF 510-04	5MF 510-04	4	4.00	5.50		37	35	33	31	27	21	17
5MF 510-05	5MF 510-05	5	4.50	6.00		47	43	42	38	33	27	22
5MF 510-06	5MF 510-06	6	5.50	7.50		56	52	50	46	40	32	26
	5MF 510-08	8	7.50	10.00		75	69	67	61	53	43	35
	5MF 510-09	9	7.50	10.00		84	78	75	69	60	48	39
	5MF 510-10	10	9.30	12.50		93	87	83	77	67	53	43
	5MF 510-12	12	9.30	12.50		112	104	100	92	80	64	52

Dimensions & Weights



Model name	Specification			
	D	L	Weight (kg)	Weight (incl.pkg)[kg]
5MF-510/03	133	590	21.5	29.5
5MF-510/04	133	680	25.5	33.5
5MF-510/05	133	770	29.5	37.5
5MF-510/06	133	860	33.0	41.0
5MF-510/08	133	950	41.0	49.0
5MF-510/09	133	1040	46.0	55.0
5MF-510/10	133	1130	51.0	61.0
5MF-510/12	133	1310	61.0	73.0

*G:Available Outlet Size 3"

*D:With Cable Guard

Submersible Pumps

**6RF 61B, 6RF 64B, 6RF 610, 6RF 620, 6RF 640, 6RF 650
SERIES PUMP DESIGN**

Material Specification

NO	PART NAME	MATERIAL	QTY
1	SUCTION	C.I. (FG 200)	01
2	COUPLING EXPORT	S.S. 304	01
3	GRUB SCREW	S.S. 304	01
4	HEX BOLT (PUMP PATTI)(DOMESTIC)	S.S. 304	04
5	DIST. SLEEVE	S.S. 410	01
6	IMPELLER	S.S. 304	REQ.
7	BEARING BUSH	N.B.R.	REQ.
8	BOWL & SUCTION NECKRING	P.V.C.	REQ.
9	MIDDLE	C.I. (FG 200)	REQ
10	MIDDLE BUSH	LTB 4 (2% NI)	REQ
11	MIDDLE SLEEVE	S.S. 410	REQ
12	THRUST COLLAR	S.S.304	01
13	DOL BUSH	LTB 4 (2% NI)	01
14	D.O.L.	C.I. (FG 200)	01
15	DOL CAP	P.V.C.	01
16	CONE PLATE	S.S. 202	01
17	NRV CONE SPRING	SPRING STEEL	01
18	DELIVERY CASING	C.I. (FG 200)	01
19	CONE STUD	S.S. 304	01
20	PUMP PATTI	S.S. 304	04
21	WASHER (PATTI)	S.S. 304	04
22	HEX NUT	S.S. 304	04
23	CABLE GUARD	S.S. 202	REQ.
24	HEX BOLT	S.S. 304	01
25	TOP COLLAR	S.S.304	01
26	DOL SLEEVE	S.S. 410	01
27	CABLE CLIP	S.S. 202	REQ
28	SCREW WASHER	S.S.304	10
29	SCREW	S.S.304	10
30	KEY	S.S. 410	REQ
31	PUMP SHAFT	S.S.410	01
32	STRAINER	S.S. 202	01
33	BOWL SLEEVE	S.S. 410	REQ
34	TOP SLEEVE	S.S. 410	01
35	NRV NECKRING	M.S. / N.B.R.	01
36	STAGE CASING	C.I. (FG 200)	REQ.
37	ALLEN BOLT	S.S.304	01

