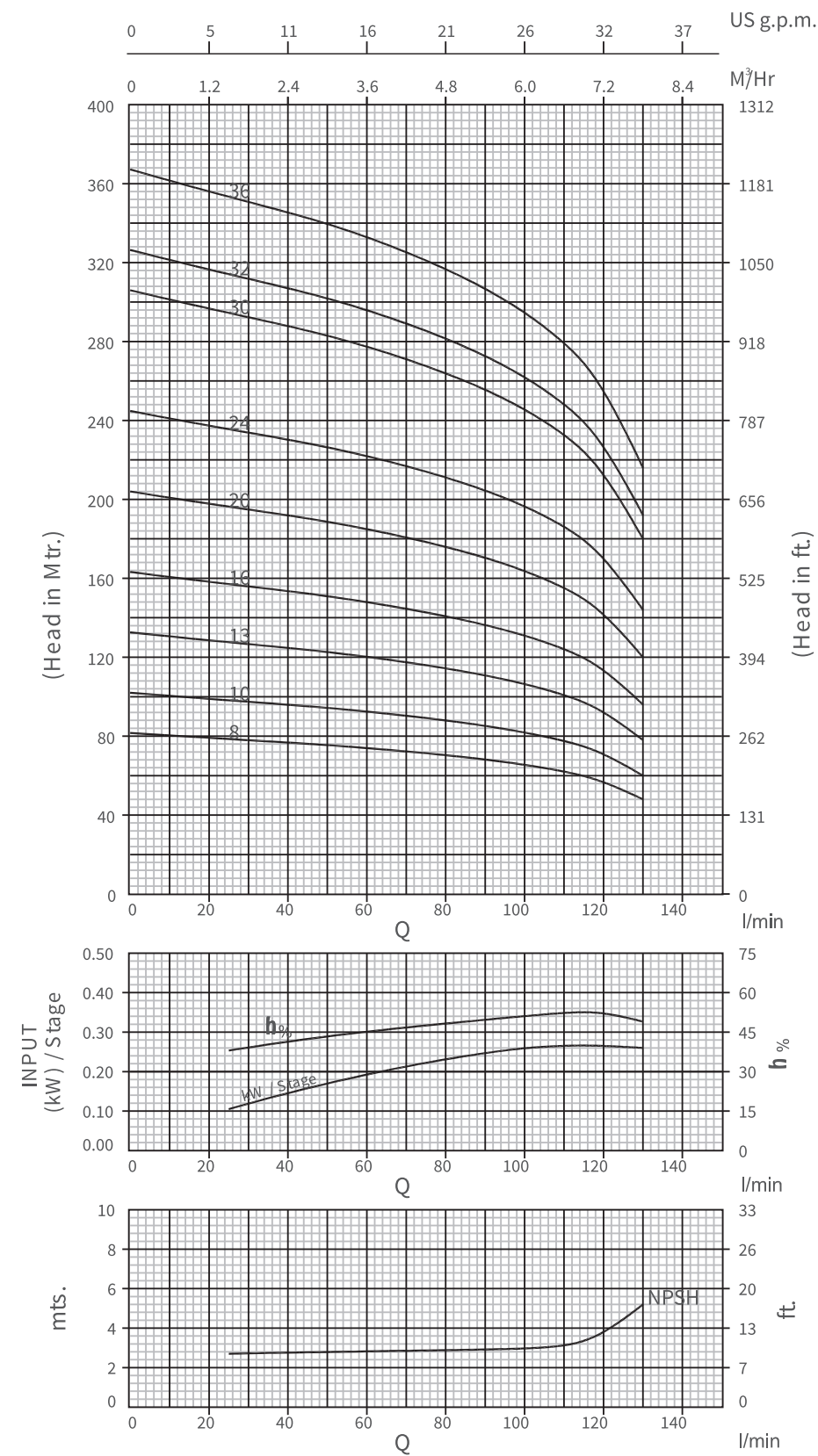


6RF 61B, 50Hz
ISO 9906 Annexure A

Performance Curves



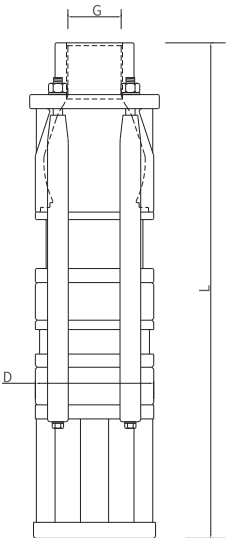
6RF 61B, 50Hz
ISO 9906 Annexure A

Performance Chart

Model Name		Rating			Discharge							
Three Phase	Stage	kW	HP	l/min m ³ /h	0	25	50	90	110	120	130	
					0	1.5	3.0	5.4	6.6	7.2	7.8	

6RF 61B-08	8	2.20	3.00	HEAD IN Mtrs.	82	78	76	69	62	58	48
6RF 61B-10	10	3.00	4.00		102	98	95	86	78	72	60
6RF 61B-13	13	4.00	5.50		133	127	124	112	101	94	78
6RF 61B-16	16	4.50	6.00		163	157	152	138	125	115	96
6RF 61B-20	20	5.50	7.50		204	196	190	172	156	144	120
6RF 61B-24	24	7.50	10.00		245	235	228	206	187	173	144
6RF 61B-30	30	9.30	12.50		306	294	285	258	234	216	180
6RF 61B-32	32	9.30	12.50		326	314	304	275	250	230	192
6RF 61B-36	36	11.00	15.00		367	353	342	310	281	259	216

Dimensions & Weights

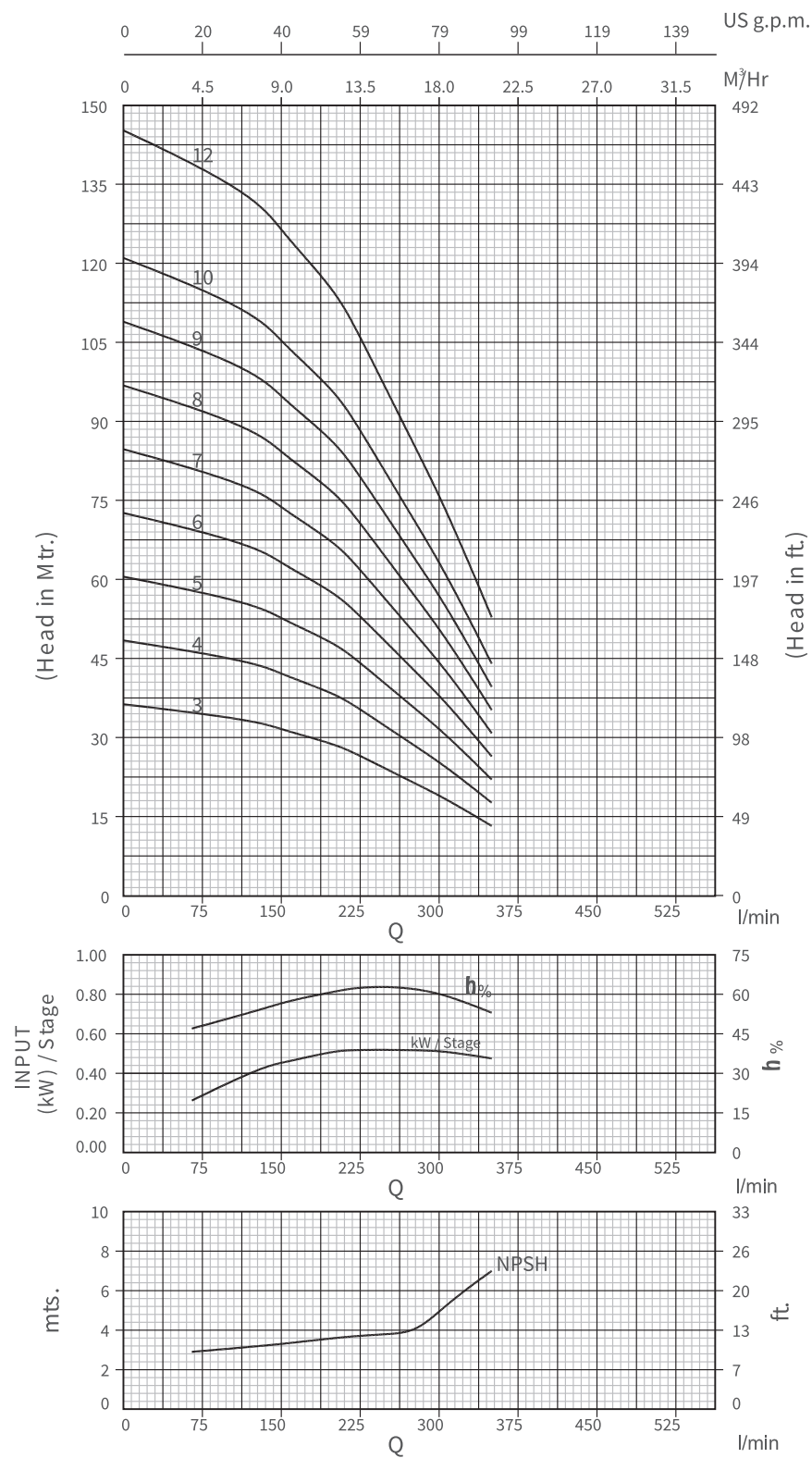


Model name	Specification			
	D	L	Weight (Kg)	Weight (incl.pkg.)(kg)
6RF-61B/08	142	677	26.0	34.0
6RF-61B/10	142	807	32.0	40.0
6RF-61B/13	142	927	36.0	44.0
6RF-61B/16	142	1047	41.0	49.0
6RF-61B/20	142	1207	47.0	55.0
6RF-61B/24	142	1417	55.0	63.0
6RF-61B/30	142	1657	65.0	73.0
6RF-61B/32	142	1787	68.0	76.0
6RF-61B/36	142	2047	74.0	82.0

*G:Available Outlet Size 2"
*D:With Cable Guard

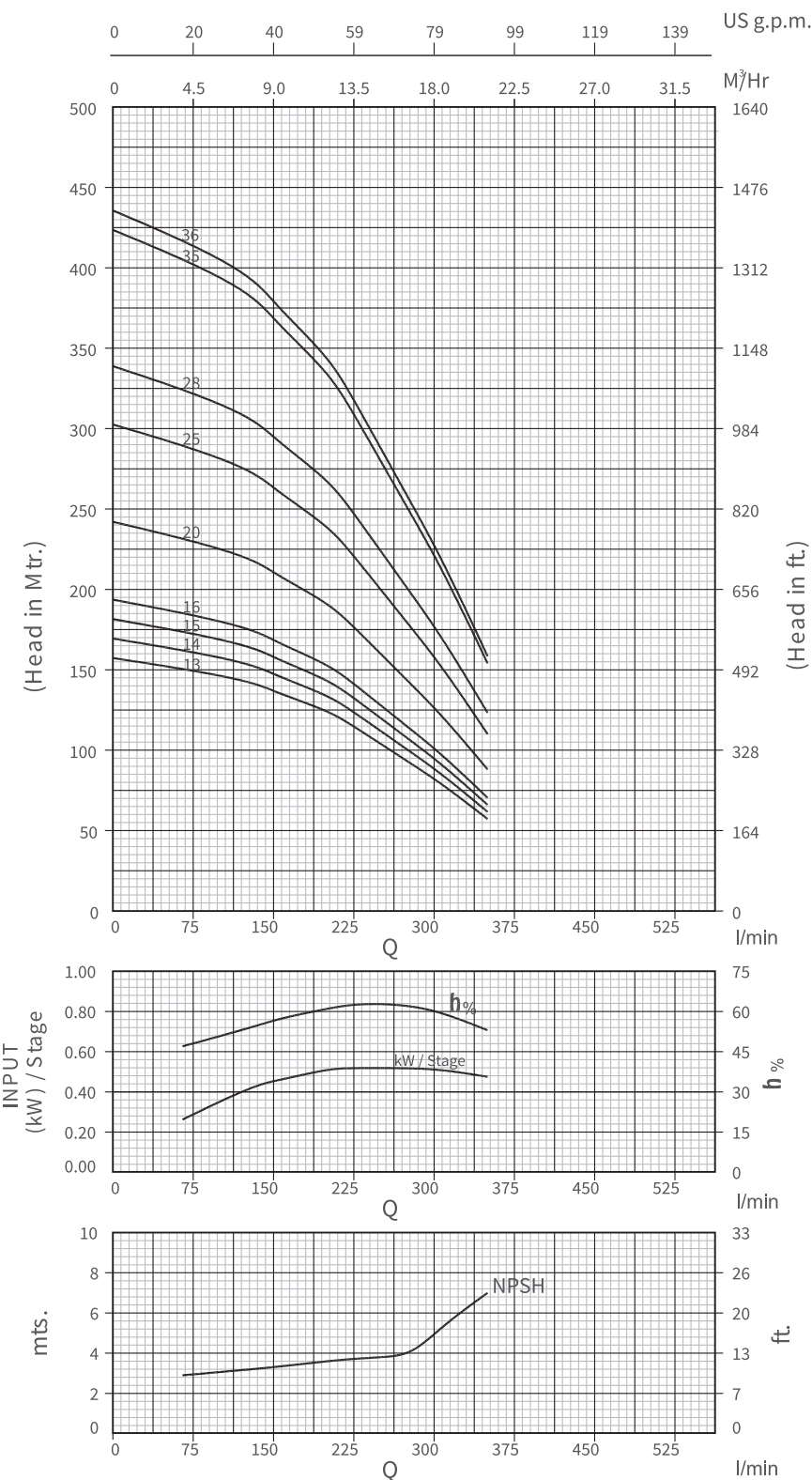
6RF 64B, 50Hz
ISO 9906 Annexure A

Performance Curves



6RF 64B, 50Hz
ISO 9906 Annexure A

Performance Curves



6RF 64B, 50Hz

ISO 9906 Annexure A

Performance Chart

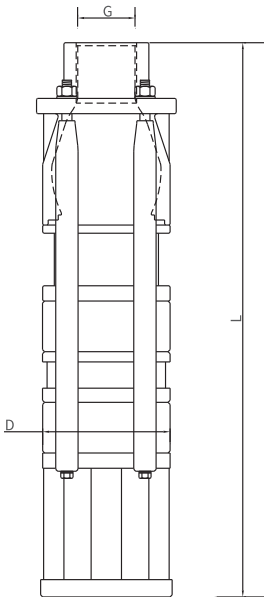
Model Name		Rating			Discharge										
Three Phase	Stage	kW	HP	l/min m ³ /h	0	65	130	150	200	220	250	280	310	350	
					0	3.9	7.8	9.0	12.0	13.2	15.0	16.8	18.6	21.0	
6RF 64B-03	3	2.20	3.00	HEAD IN Mtrs.	36	35	33	32	29	27	24	21	18	13	
6RF 64B-04	4	2.20	3.00		48	46	44	42	38	36	32	28	24	18	
6RF 64B-05	5	3.00	4.00		60	58	55	52	48	45	40	35	30	22	
6RF 64B-06	6	4.00	5.50		73	70	66	63	58	54	48	42	36	26	
6RF 64B-07	7	4.00	5.50		85	81	77	74	67	63	56	49	42	31	
6RF 64B-08	8	4.50	6.00		97	93	88	84	77	72	64	56	48	35	
6RF 64B-09	9	5.50	7.50		109	104	99	94	86	81	72	63	54	40	
6RF 64B-10	10	5.50	7.50		121	116	110	105	96	90	80	70	60	44	
6RF 64B-12	12	7.50	10.00		145	139	132	126	115	108	96	84	72	53	
6RF 64B-13	13	7.50	10.00		157	151	143	136	125	117	104	91	78	57	
6RF 64B-14	14	9.30	12.50		169	162	154	147	134	126	112	98	84	62	
6RF 64B-15	15	9.30	12.50		182	174	165	158	144	135	120	105	90	66	
6RF 64B-16	16	9.30	12.50		194	186	176	168	154	144	128	112	96	70	
6RF 64B-20	20	11.00	15.00		242	232	220	210	192	180	160	140	120	88	
6RF 64B-25	25	15.00	20.00		302	290	275	262	240	225	200	175	150	110	
6RF 64B-28	28	18.50	25.00		339	325	308	294	269	252	224	196	168	123	
6RF 64B-35	35	22.00	30.00		424	406	385	368	336	315	280	245	210	154	
6RF 64B-36	36	22.00	30.00		436	418	396	378	346	324	288	252	216	158	

6RF 64B, 50Hz

ISO 9906 Annexure A

Performance Chart

Dimensions & Weights

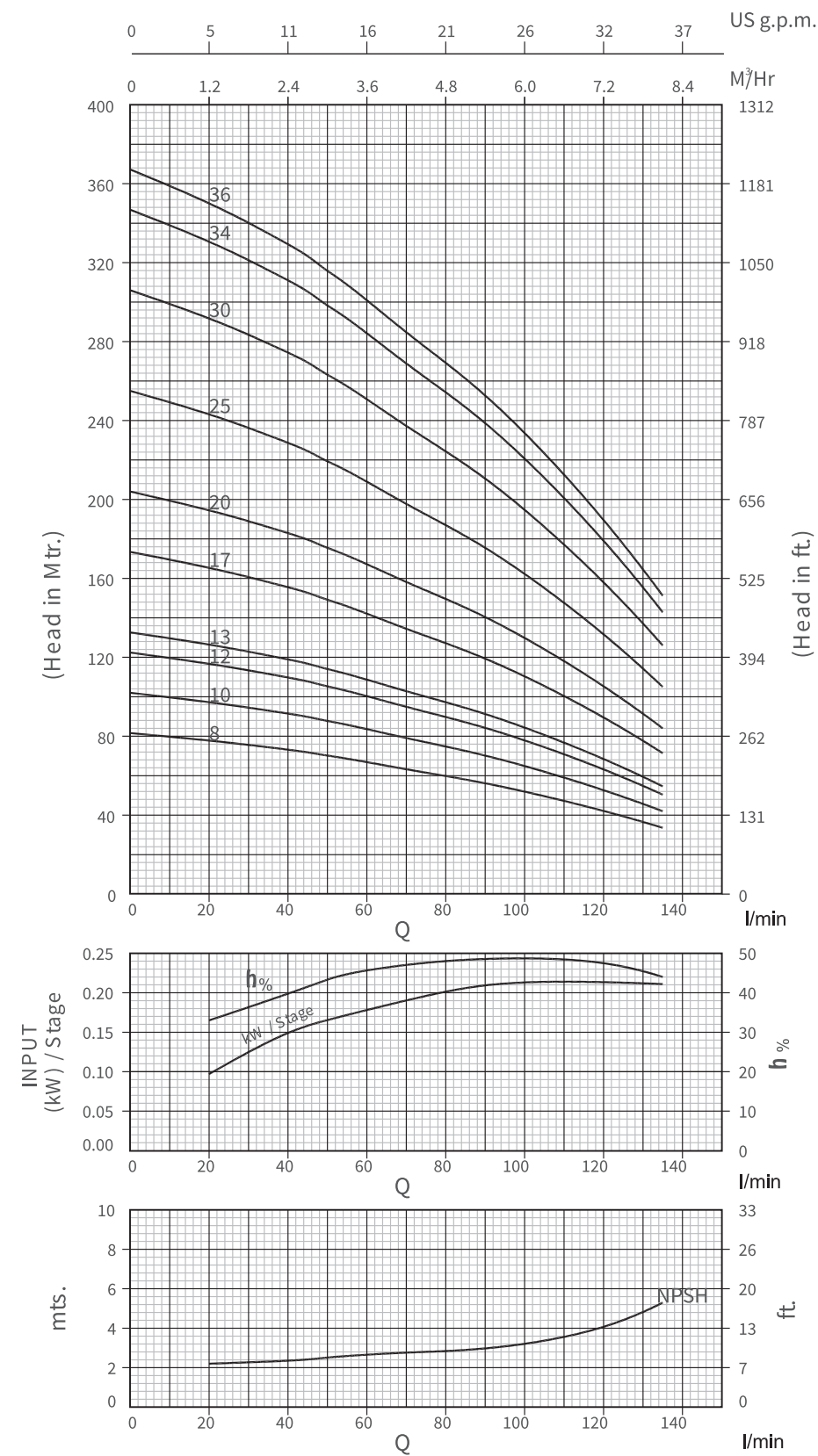


Model name	Specification			
	D	L	Weight (kg)	Weight (incl.pkg.)(kg)
6RF-64B/03	142	565	20.0	28.0
6RF-64B/04	142	615	22.0	30.0
6RF-64B/05	142	665	24.0	32.0
6RF-64B/06	142	715	25.0	33.0
6RF-64B/07	142	765	27.0	35.0
6RF-64B/08	142	815	29.0	37.0
6RF-64B/09	142	865	31.0	39.0
6RF-64B/10	142	915	34.5	42.5
6RF-64B/12	142	1065	38.0	46.0
6RF-64B/13	142	1115	40.0	48.0
6RF-64B/14	142	1165	42.0	50.0
6RF-64B/15	142	1215	44.0	52.0
6RF-64B/16	142	1265	45.0	53.0
6RF-64B/20	142	1465	52.0	60.0
6RF-64B/25	142	1765	63.0	71.0
6RF-64B/28	142	1915	69.0	77.0
6RF-64B/35	142	2415	84.0	92.0
6RF-64B/36	142	2465	85.0	93.0

*G:Available Outlet Size 2"
*D:With Cable Guard

6RF 610, 50Hz
ISO 9906 Annexure A

Performance Curves



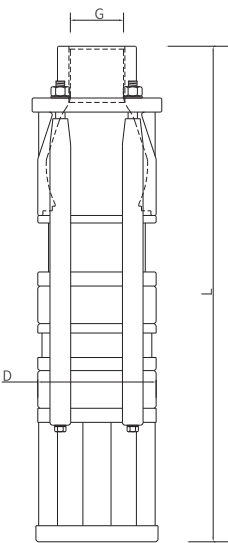
6RF 610, 50Hz
ISO 9906 Annexure A

Performance Chart

Model Name	Stage	Rating		l/min m ³ /h	Discharge									
		kW	HP		0	20	35	45	49	55	72	92	122	135
Three Phase					0	1.2	2.1	2.7	2.94	3.3	4.5	5.52	7.32	8.1

Model Name	Stage	Rating		l/min m ³ /h	Discharge									
		kW	HP		0	20	35	45	49	55	72	92	122	135
6RF 610-08	8	2.20	3.00		82	78	74	72	70	69	62	56	42	34
6RF 610-10	10	2.20	3.00		102	98	93	90	88	86	78	70	52	42
6RF 610-12	12	3.00	4.00		122	117	112	108	106	103	94	84	62	50
6RF 610-13	13	3.00	4.00		133	127	121	117	114	112	101	91	68	55
6RF 610-17	17	4.00	5.50		173	166	158	153	150	146	133	119	88	71
6RF 610-20	20	4.50	6.00		204	195	186	180	176	172	156	140	104	84
6RF 610-25	25	5.50	7.50		255	244	232	225	220	215	195	175	130	105
6RF 610-30	30	7.50	10.00		306	292	279	270	264	258	234	210	156	126
6RF 610-34	34	9.30	12.50		347	332	316	306	299	292	265	238	177	143
6RF 610-36	36	9.30	12.50		367	351	335	324	317	310	281	252	187	151

Dimensions & Weights

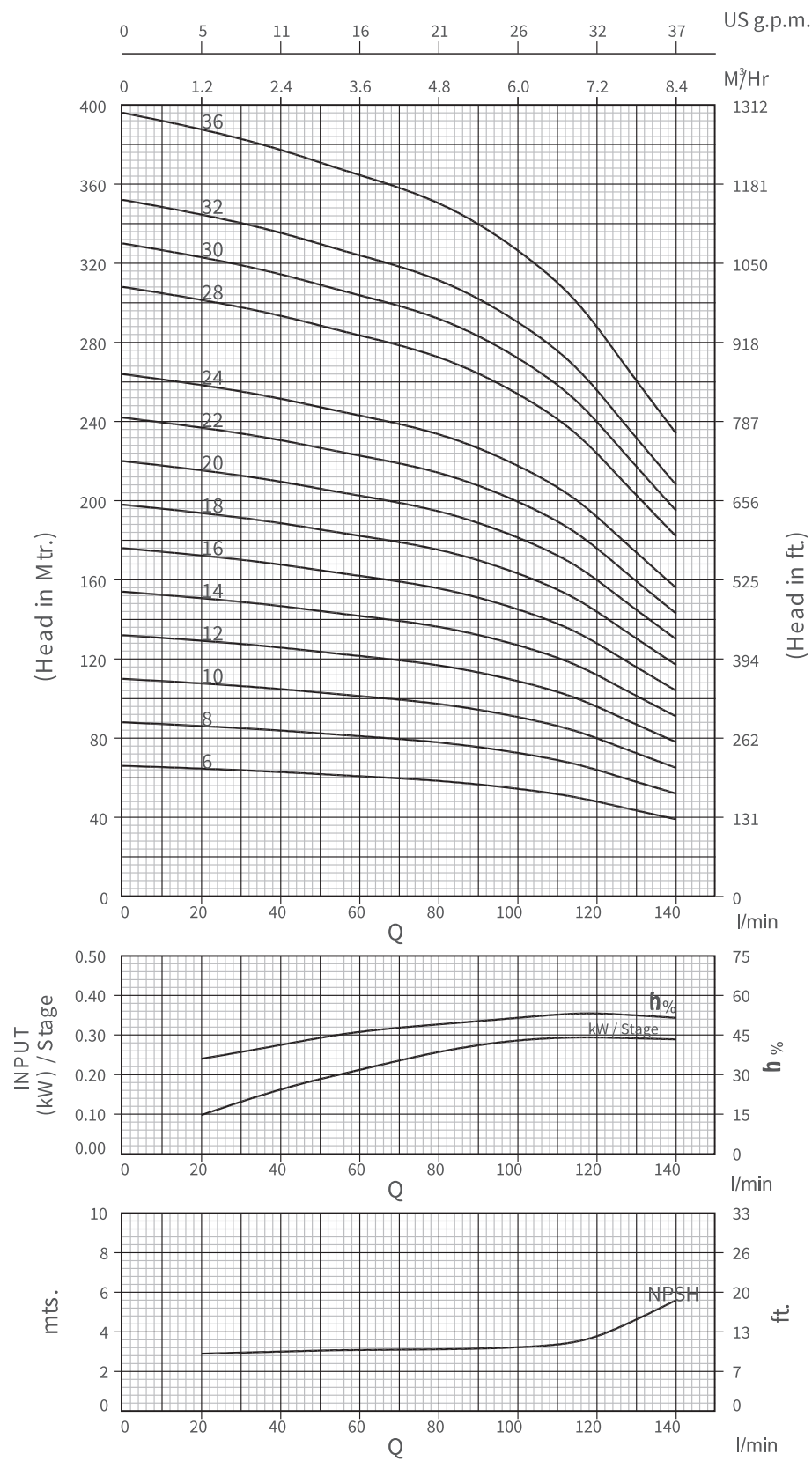


Model name	Specification			
	D	L	Weight (kg)	Weight (incl.pkg.)(kg)
6RF-610/08	142	677	26.0	34.0
6RF-610/10	142	807	32.0	40.0
6RF-610/12	142	887	35.0	43.0
6RF-610/13	142	927	36.0	44.0
6RF-610/17	142	1087	42.0	50.0
6RF-610/20	142	1207	47.0	55.0
6RF-610/25	142	1457	57.0	65.0
6RF-610/30	142	1657	65.0	73.0
6RF-610/34	142	1917	71.0	79.0
6RF-610/36	142	2047	74.0	82.0

*G:Available Outlet Size 2"
*D:With Cable Guard

6RF 620, 50Hz
ISO 9906 Annexure A

Performance Curves



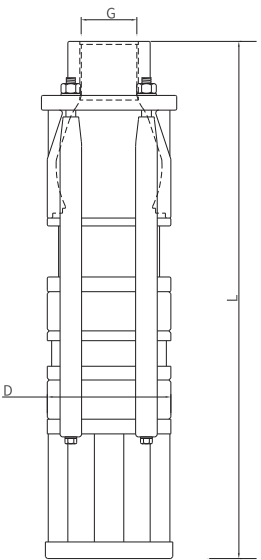
6RF 620, 50Hz
ISO 9906 Annexure A

Performance Chart

Model Name	Stage	Rating		l/min m ³ /h	Discharge									
		kW	HP		0	20	40	55	80	100	115	125	140	

Model Name	Stage	kW	HP	l/min m ³ /h	HEAD IN Mtrs.									
					0	20	40	55	80	100	115	125	140	
6RF 620-06	6	2.20	3.00	66	65	63	61	59	55	50	46	39		
6RF 620-08	8	3.00	4.00	88	86	84	82	78	73	67	61	52		
6RF 620-10	10	4.00	5.50	110	108	105	102	98	91	84	76	65		
6RF 620-12	12	4.00	5.50	132	129	126	122	118	109	101	91	78		
6RF 620-14	14	4.50	6.00	154	151	147	143	137	127	118	106	91		
6RF 620-16	16	5.50	7.50	176	172	168	163	157	146	134	122	104		
6RF 620-18	18	7.50	10.00	198	194	189	184	176	164	151	137	117		
6RF 620-20	20	7.50	10.00	220	216	210	204	196	182	168	152	130		
6RF 620-22	22	9.30	12.50	242	237	231	224	216	200	185	167	143		
6RF 620-24	24	9.30	12.50	264	259	252	245	235	218	202	182	156		
6RF 620-28	28	9.30	12.50	308	302	294	286	274	255	235	213	182		
6RF 620-30	30	11.00	15.00	330	323	315	306	294	273	252	228	195		
6RF 620-32	32	13.00	17.50	352	345	336	326	314	291	269	243	208		
6RF 620-36	36	15.00	20.00	396	388	378	367	353	328	302	274	234		

Dimensions & Weights

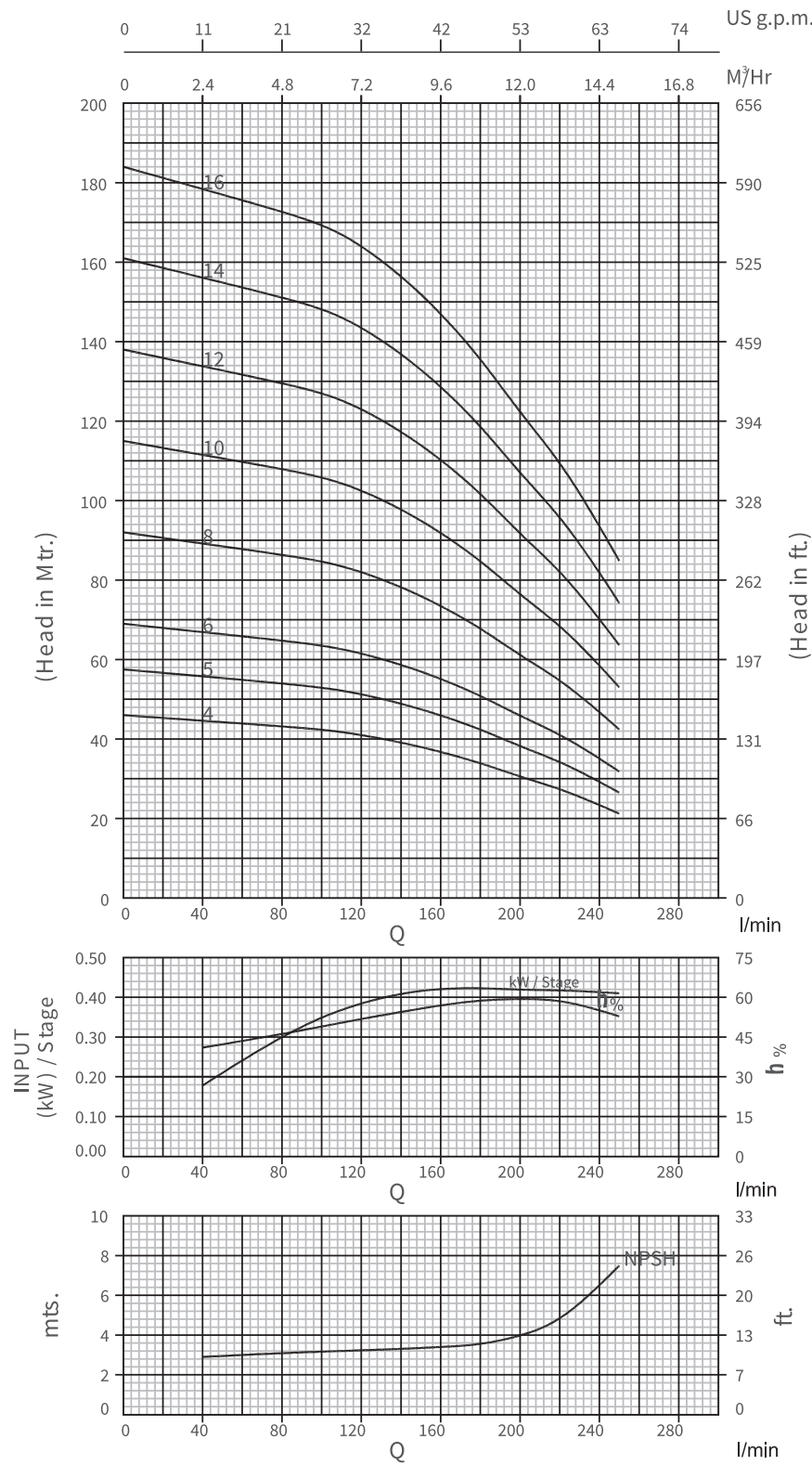


Model name	Specification			
	D	L	Weight (Kg)	Weight (incl.pkg.)(kg)
6RF-620/06	142	637	23.0	31.0
6RF-620/08	142	677	26.0	34.0
6RF-620/10	142	807	32.0	40.0
6RF-620/12	142	887	35.0	43.0
6RF-620/14	142	967	38.0	46.0
6RF-620/16	142	1047	41.0	49.0
6RF-620/18	142	1127	44.0	52.0
6RF-620/20	142	1207	47.0	55.0
6RF-620/22	142	1337	51.0	59.0
6RF-620/24	142	1417	56.0	64.0
6RF-620/28	142	1577	62.0	70.0
6RF-620/30	142	1657	65.0	73.0
6RF-620/32	142	1787	70.0	78.0
6RF-620/36	142	2047	75.0	83.0

*G:Available Outlet Size 2"
*D:With Cable Guard

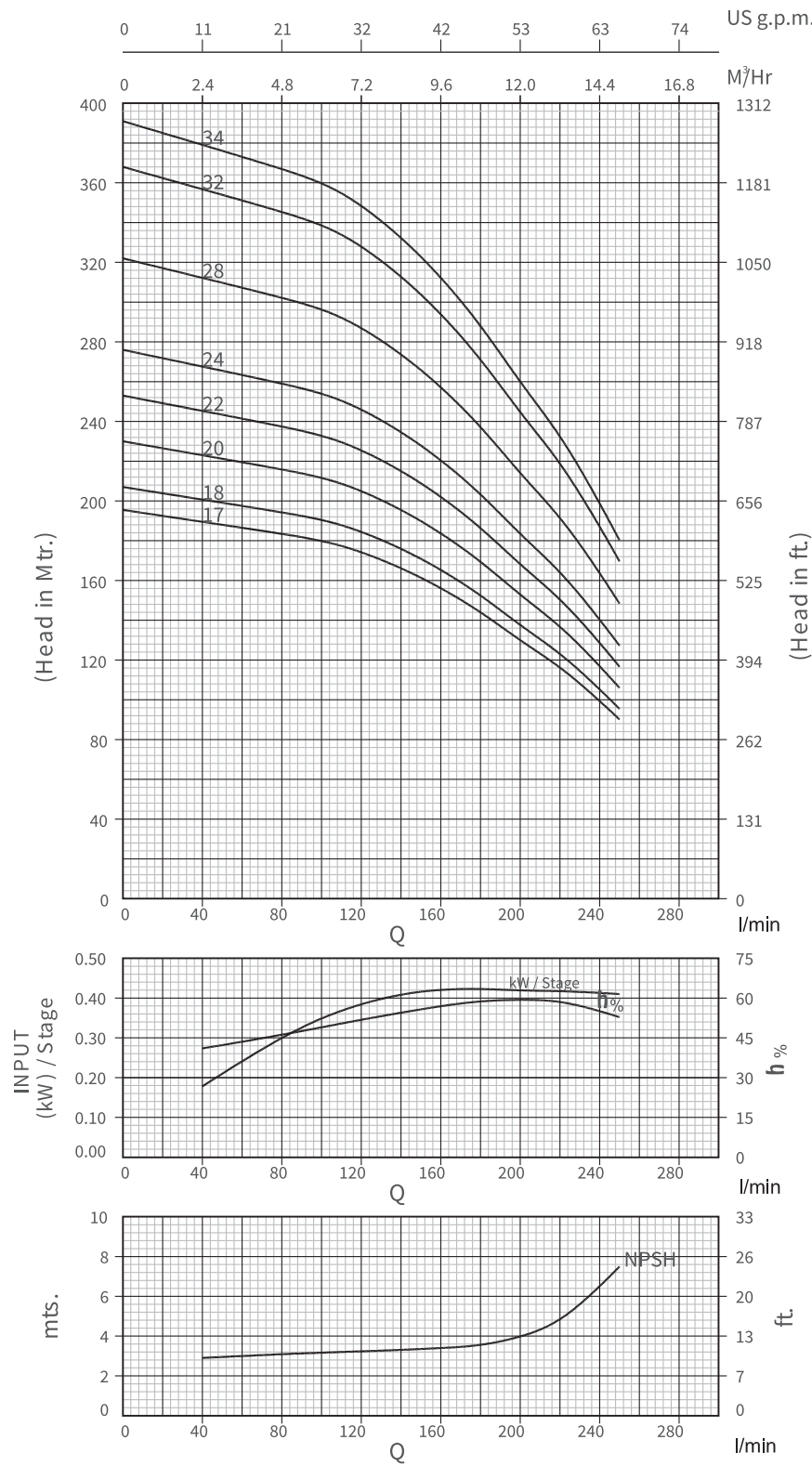
6RF 640, 50Hz
ISO 9906 Annexure A

Performance Curves



6RF 640, 50Hz
ISO 9906 Annexure A

Performance Curves



6RF 640, 50Hz

ISO 9906 Annexure A

Performance Chart

Model Name		Rating			Discharge									
Three Phase	Stage	kW	HP	l/min m ³ /h	0	40	80	110	140	160	180	203	225	250
					0	2.4	4.8	6.6	8.4	9.6	10.8	12.18	13.5	15.0

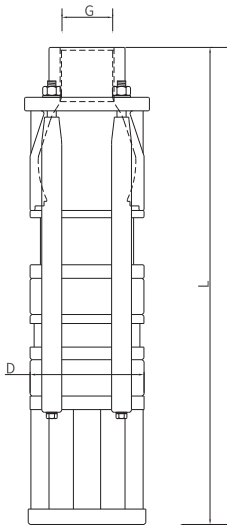
6RF 640-04	4	2.20	3.00	HEAD IN Mtrs.	46	45	43	42	39	37	34	30	27	21
6RF 640-05	5	2.20	3.00		58	56	54	52	49	46	42	38	34	26
6RF 640-06	6	3.00	4.00		69	67	65	63	59	55	51	45	40	32
6RF 640-08	8	4.00	5.50		92	89	86	84	78	74	68	60	54	42
6RF 640-10	10	4.50	6.00		115	112	108	105	98	92	85	75	67	53
6RF 640-12	12	5.50	7.50		138	134	130	126	118	110	102	90	80	64
6RF 640-14	14	7.50	10.00		161	156	151	147	137	129	119	105	94	74
6RF 640-16	16	7.50	10.00		184	178	173	168	157	147	136	120	107	85
6RF 640-17	17	9.30	12.50		196	190	184	178	167	156	144	128	114	90
6RF 640-18	18	9.30	12.50		207	201	194	189	176	166	153	135	121	95
6RF 640-20	20	9.30	12.50		230	223	216	210	196	184	170	150	134	106
6RF 640-22	22	11.00	15.00		253	245	238	231	216	202	187	165	147	117
6RF 640-24	24	11.00	15.00		276	268	259	252	235	221	204	180	161	127
6RF 640-28	28	13.00	17.50		322	312	302	294	274	258	238	210	188	148
6RF 640-32	32	15.00	20.00		368	357	346	336	314	294	272	240	214	170
6RF 640-34	34	18.50	25.00		391	379	367	357	333	313	289	255	228	180

6RF 640, 50Hz

ISO 9906 Annexure A

Performance Chart

Dimensions & Weights

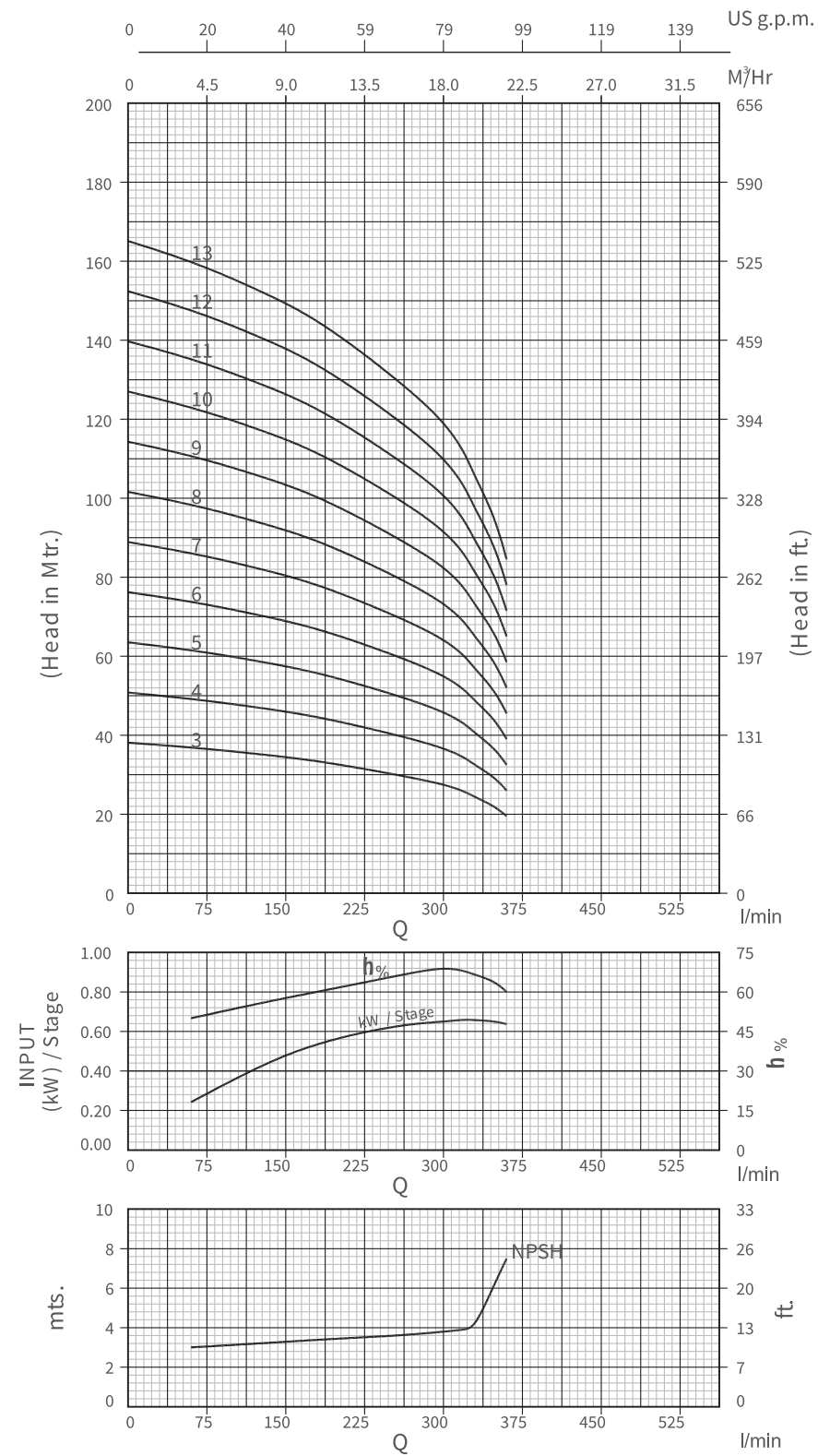


Model name	Specification			
	D	L	Weight (kg)	Weight (incl.pkg.)/(kg)
6RF-640/04	142	615	20.0	28.0
6RF-640/05	142	665	22.0	30.0
6RF-640/06	142	715	23.0	31.0
6RF-640/08	142	815	26.0	34.0
6RF-640/10	142	915	32.0	40.0
6RF-640/12	142	1065	35.0	43.0
6RF-640/14	142	1165	38.0	45.0
6RF-640/16	142	1265	41.0	49.0
6RF-640/17	142	1315	43.0	51.0
6RF-640/18	142	1365	45.0	53.0
6RF-640/20	142	1465	47.0	55.0
6RF-640/24	142	1715	56.0	64.0
6RF-640/28	142	1915	62.0	70.0
6RF-640/32	142	2165	67.0	75.0
6RF-640/34	142	2365	71.0	79.0

*G:Available Outlet Size 2"
*D:With Cable Guard

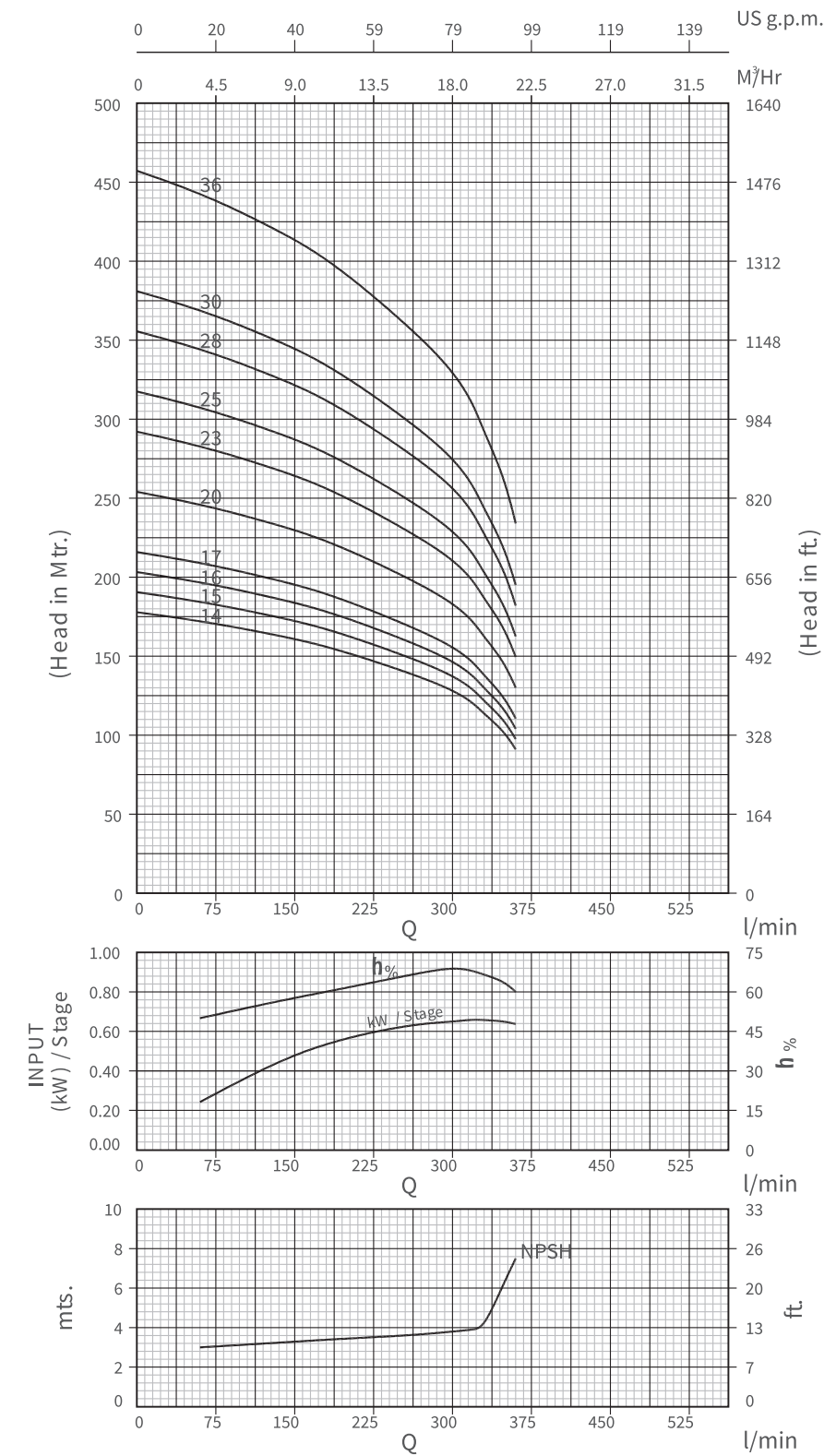
6RF 650 50Hz
ISO 9906 Annexure A

Performance Curves



6RF 650, 50Hz
ISO 9906 Annexure A

Performance Curves



6RF 650, 50Hz

ISO 9906 Annexure A

Performance Chart

Model Name		Rating		l/min m ³ /h	Discharge									
		kW	HP		0	60	125	180	260	300	320	330	350	360
Three Phase	Stage				0	3.6	7.5	10.8	15.6	18.0	19.2	19.8	21.0	21.6

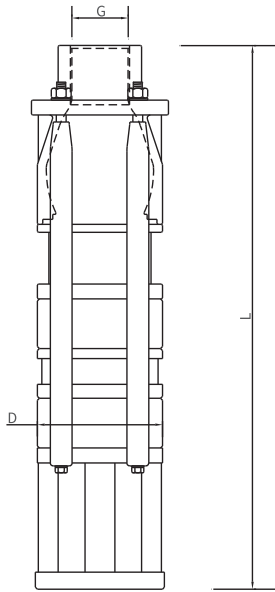
6RF 650-03	3	2.20	3.00	HEAD IN Mtrs.	38	37	35	34	30	28	26	24	22	20
6RF 650-04	4	3.00	4.00		51	49	47	45	40	37	34	32	29	26
6RF 650-05	5	4.00	5.50		64	62	59	56	50	46	43	40	36	32
6RF 650-06	6	4.50	6.00		76	74	70	67	60	55	52	49	44	39
6RF 650-07	7	5.50	7.50		89	86	82	78	70	64	60	57	51	46
6RF 650-08	8	5.50	7.50		102	99	94	90	80	74	69	65	58	52
6RF 650-09	9	7.50	10.00		114	111	106	101	90	83	77	73	66	58
6RF 650-10	10	7.50	10.00		127	123	117	112	100	92	86	81	73	65
6RF 650-11	11	9.30	12.50		140	136	129	123	109	101	95	89	80	72
6RF 650-12	12	9.30	12.50		152	148	141	134	119	110	103	97	88	78
6RF 650-13	13	9.30	12.50		165	160	153	146	129	120	112	105	95	84
6RF 650-14	14	11.00	15.00		178	173	164	157	139	129	120	113	102	91
6RF 650-15	15	11.00	15.00		190	185	176	168	149	138	129	122	110	98
6RF 650-16	16	13.00	17.50		203	197	188	179	159	147	138	130	117	104
6RF 650-17	17	13.00	17.50		216	210	200	190	169	156	146	138	124	110
6RF 650-20	20	15.00	20.00		254	247	235	224	199	184	172	162	146	130
6RF 650-23	23	18.50	25.00		292	284	270	258	229	212	198	186	168	150
6RF 650-25	25	18.50	25.00		318	308	294	280	249	230	215	203	182	162
6RF 650-28	28	22.00	30.00		356	345	329	314	279	258	241	227	204	182
6RF 650-30	30	22.00	30.00		381	370	352	336	298	276	258	243	219	195
6RF 650-36	36	30.00	40.00		457	444	423	403	358	331	310	292	263	234

6RF 650, 50Hz

ISO 9906 Annexure A

Performance Chart

Dimensions & Weights



Model name	Specification			
	D	L	Weight (Kg)	Weight (incl.pkg.)(kg)
6RF-650/03	142	565	20.0	28.0
6RF-650/04	142	615	22.0	30.0
6RF-650/05	142	665	24.0	32.0
6RF-650/06	142	715	25.0	33.0
6RF-650/07	142	765	27.0	35.0
6RF-650/08	142	815	29.0	37.0
6RF-650/09	142	865	31.0	39.0
6RF-650/10	142	915	35.0	43.0
6RF-650/11	142	1015	36.5	44.5
6RF-650/12	142	1065	38.0	46.0
6RF-650/13	142	1115	40.0	48.0
6RF-650/14	142	1165	42.0	50.0
6RF-650/15	142	1215	43.5	51.5
6RF-650/16	142	1265	45.0	53.0
6RF-650/17	142	1315	47.0	55.0
6RF-650/20	142	1465	53.0	61.0
6RF-650/23	142	1665	59.0	67.0
6RF-650/25	142	1765	63.5	71.5
6RF-650/28	142	1915	70.0	78.0
6RF-650/30	142	2015	73.0	81.0
6RF-650/36	142	2465	85.0	93.0

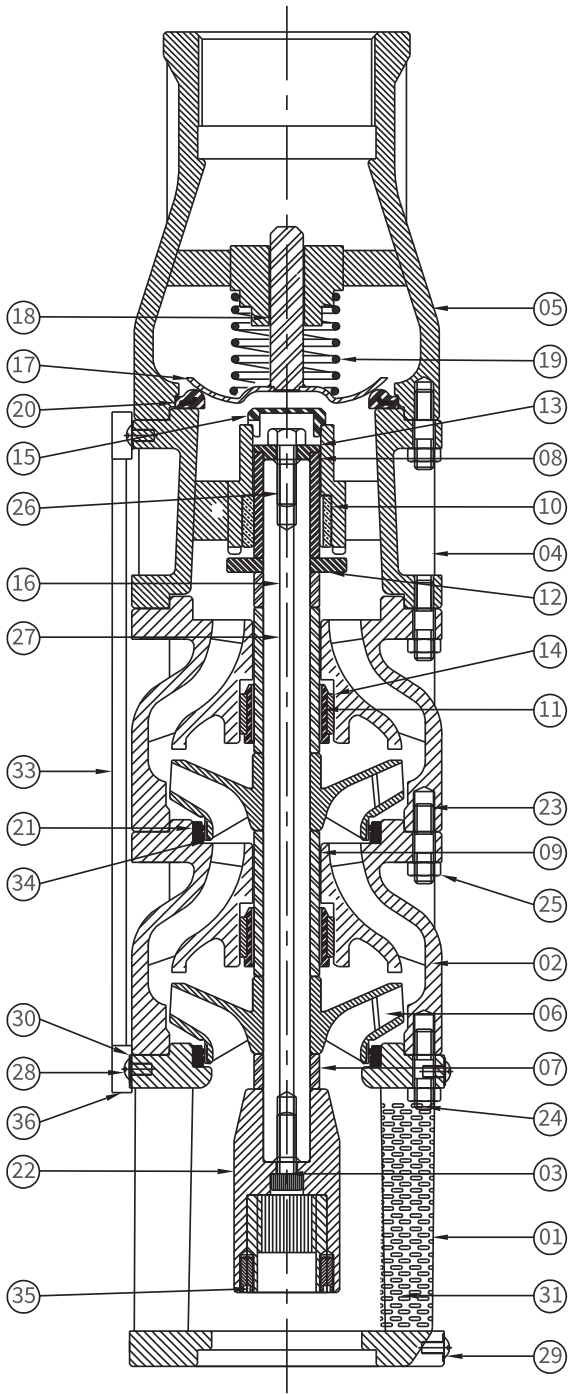
*G:Available Outlet Size 2"
*D:With Cable Guard

Submersible Pumps

6MF 600, 6MF 610, 6MF 630, 6MF 640, 6MF 650, 6MF 670
SERIES PUMP DESIGN

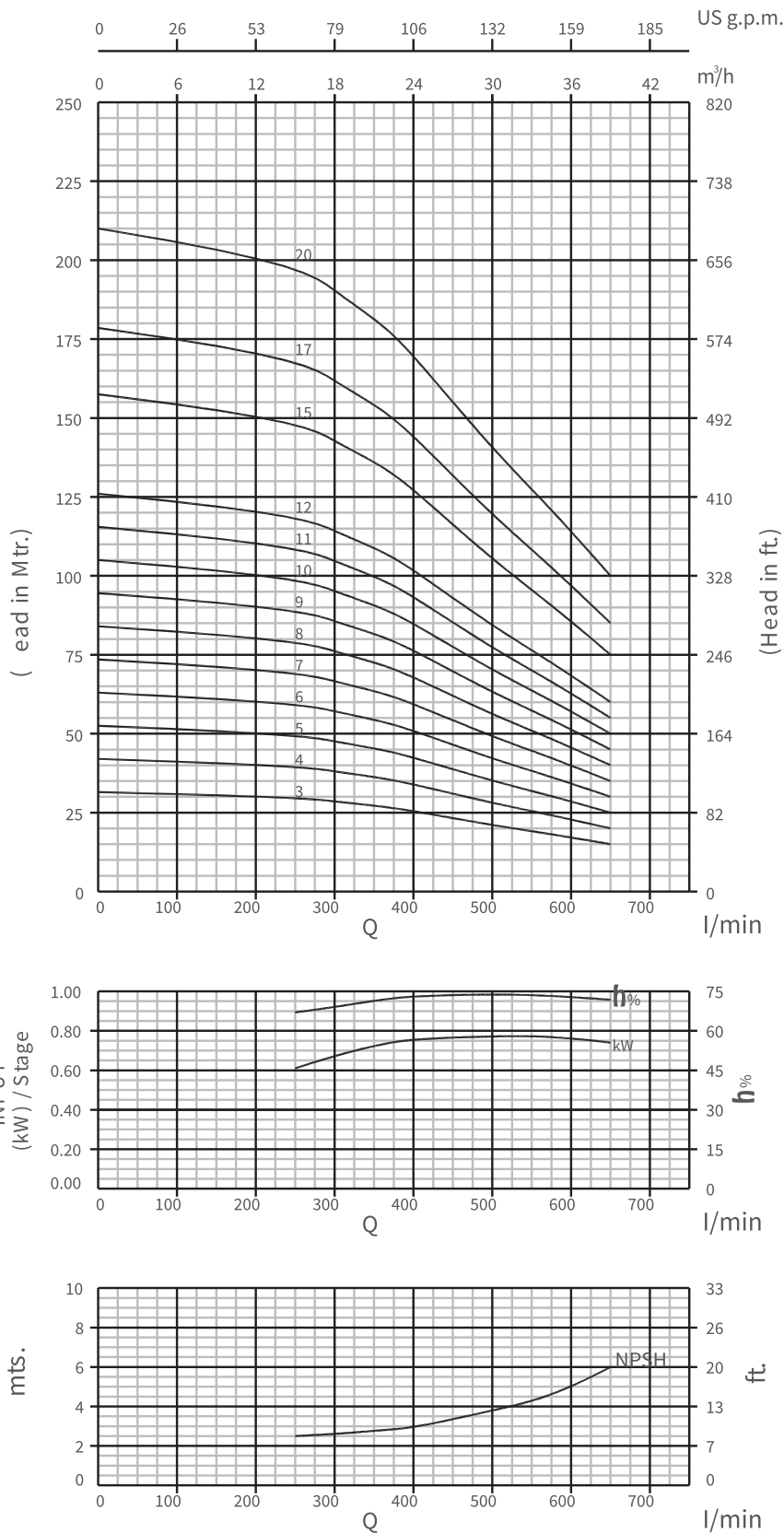
Material Specification

NO	PARTS NAME	MATERIAL
1	SUCTION	CAST IRON
2	STAGE CASING	CAST IRON
3	ALLEN BOLT	S.S. 304
4	D.O.L.	CAST IRON
5	DELIVERY CASING	CAST IRON
6	IMPELLER (G.M.)	G.M.
	IMPELLER (S.S. 410)	S.S. 410
7	SLEEVE (DIST.)	S.S. 410
8	SLEEVE (TOP)	S.S. 410
9	SLEEVE (STAGE CASING)	S.S. 410
10	BEARING BUSH	L.T.B 4 (2% NI)
11	BOWL BUSH	N.B.R.
12	THRUST COLLAR	S.S. 410
13	TOP COLLAR	S.S. 304
14	BUSH COLLAR	P.P.O (20% GF)
15	DOL CAP	P.P.O.
16	SHAFT	LEAN DUPLEX
17	N.R.V. CONE PLATE	S.S. 202
18	N.R.V. CONE ROD	S.S. 304
19	N.R.V. CONE SPRING	S.S. 304
20	N.R.V. NECKRING	M.S. / N.B.R.
21	BOWL NECKRING	M.S./N.B.R.
22	COUPLING(EXPORT)	S.S.304
23	STUD (STAGE CASING & DOL)	S.S.304
24	STUD (SUCTION)	S.S.304
25	HEX NUT	S.S.304
26	HEX BOLT	S.S.304
27	KEY	S.S. 304
28	SCREW(CABLE GUARD)	S.S. 304
29	SCREW(STRAINER)	S.S. 304
30	SCREW WASHER	S.S. 304
31	STRAINER	S.S.202
32	PAPER GASKET	PAPER
33	CABLE GUARD	S.S. 202
34	IMPELLER NECKRING	S.S. 202
35	GRUB SCREW	S.S. 304
36	CABLE CLIP	S.S. 202



6MF 600, 50Hz
ISO 9906 Annexure A

Performance Curves



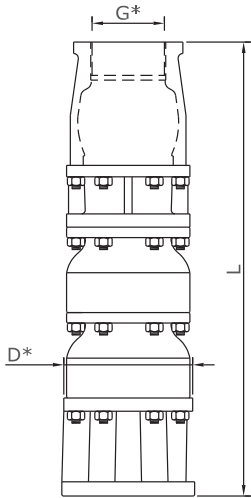
6MF 600, 50Hz
ISO 9906 Annexure A

Performance Chart

Model Name		Rating			Discharge								
		kW	HP		l/min m ³ /h	0	250	300	360	400	500	580	650

Model Name	Stage	kW	HP	HEAD IN Mtrs.	32	30	28	27	26	21	18	15
					42	40	38	36	34	28	24	20
					52	50	48	45	42	35	30	25
					63	60	57	54	51	42	36	30
					74	70	66	63	60	49	42	35
					84	80	76	72	68	56	48	40
					94	90	86	81	76	63	54	45
					105	100	95	90	85	70	60	50
					116	110	104	99	94	77	66	55
					126	120	114	108	102	84	72	60
					158	150	142	135	128	105	90	75
					178	170	162	153	144	119	102	85
					210	200	190	180	170	140	120	100

Dimensions & Weights

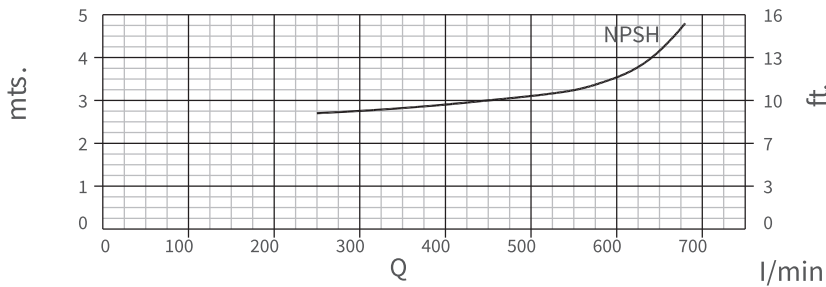
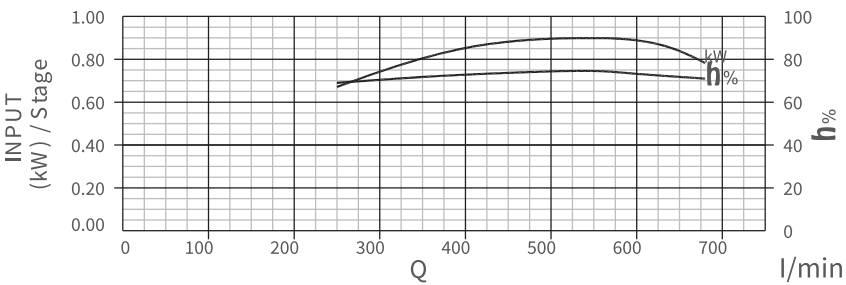
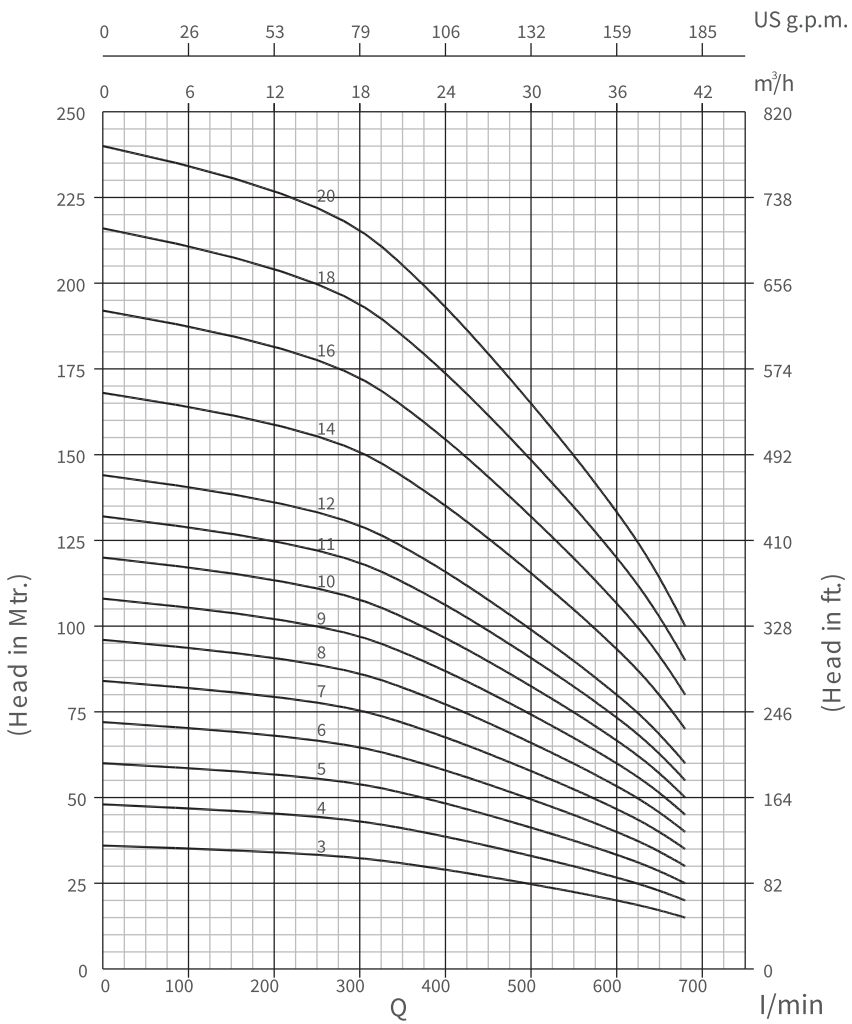


Model name	Specification				
	D (mm) Single Cable Guard	D (mm) Double Cable Guard	L (mm)	Weight (kg)	Weight (incl.pkg kg)
6MF 600-03	144	146	630	26.0	34.0
6MF 600-04	144	146	720	30.0	38.0
6MF 600-05	144	146	810	34.0	42.0
6MF 600-06	144	146	900	38.0	46.0
6MF 600-07	144	146	990	42.0	49.0
6MF 600-08	144	146	1080	45.0	53.0
6MF 600-10	144	146	1260	53.0	61.0
6MF 600-11	144	146	1350	57.0	65.0
6MF 600-12	144	146	1440	61.0	69.0
6MF 600-15	144	146	1710	73.0	81.0
6MF 600-17	144	146	1890	81.0	89.0
6MF 600-20	144	146	2160	92.0	100.0

*G: Available Outlet Size 2.5" & 3"
*D: With Cable Guard

6MF 610, 50Hz
ISO 9906 Annexure A

Performance Curves



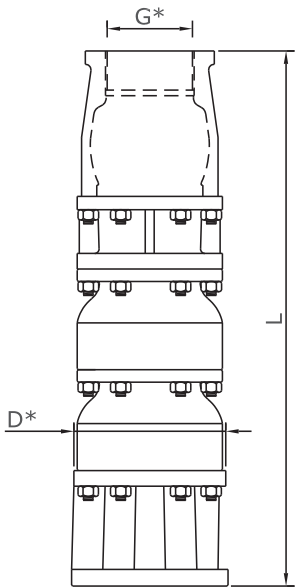
6MF 610, 50Hz
ISO 9906 Annexure A

Performance Chart

Model Name		Rating			Discharge							
Three Phase	Stage	kW	HP	l/min m³/h	0	250	350	450	550	580	640	680
					0	15.0	21.0	27.0	33.0	34.8	38.4	40.8

6MF 610-03	3	3.00	4.00	HEAD IN Mtrs.	36	34	31	27	22	21	18	15
6MF 610-04	4	4.00	5.50		48	45	41	36	30	28	24	20
6MF 610-05	5	4.50	6.00		60	57	52	45	38	35	30	25
6MF 610-06	6	5.50	7.50		72	68	62	54	45	42	36	30
6MF 610-07	7	7.50	10.00		84	79	72	63	52	49	42	35
6MF 610-08	8	7.50	10.00		96	91	83	72	60	56	48	40
6MF 610-09	9	9.30	12.50		108	102	93	81	68	63	54	45
6MF 610-10	10	9.30	12.50		120	113	103	90	75	70	60	50
6MF 610-11	11	11.00	15.00		132	125	114	99	82	77	66	55
6MF 610-12	12	11.00	15.00		144	136	124	108	90	84	72	60
6MF 610-14	14	13.00	17.50		168	159	145	126	105	98	84	70
6MF 610-16	16	15.00	20.00		192	181	165	144	120	112	96	80
6MF 610-18	18	18.50	25.00		216	204	186	162	135	126	108	90
6MF 610-20	20	18.50	25.00		240	227	207	180	150	140	120	100

Dimensions & Weights

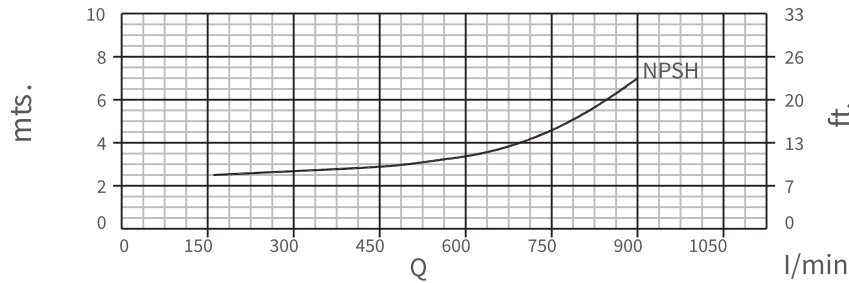
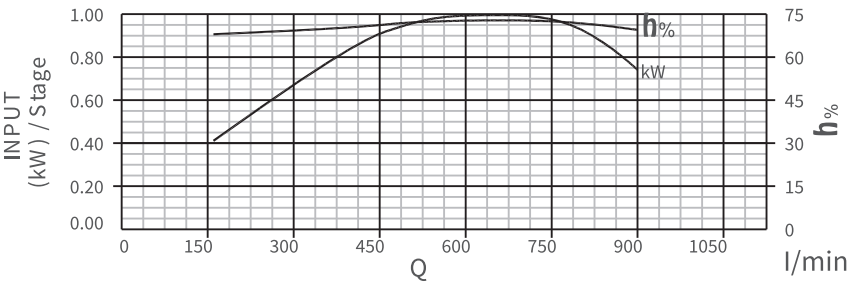
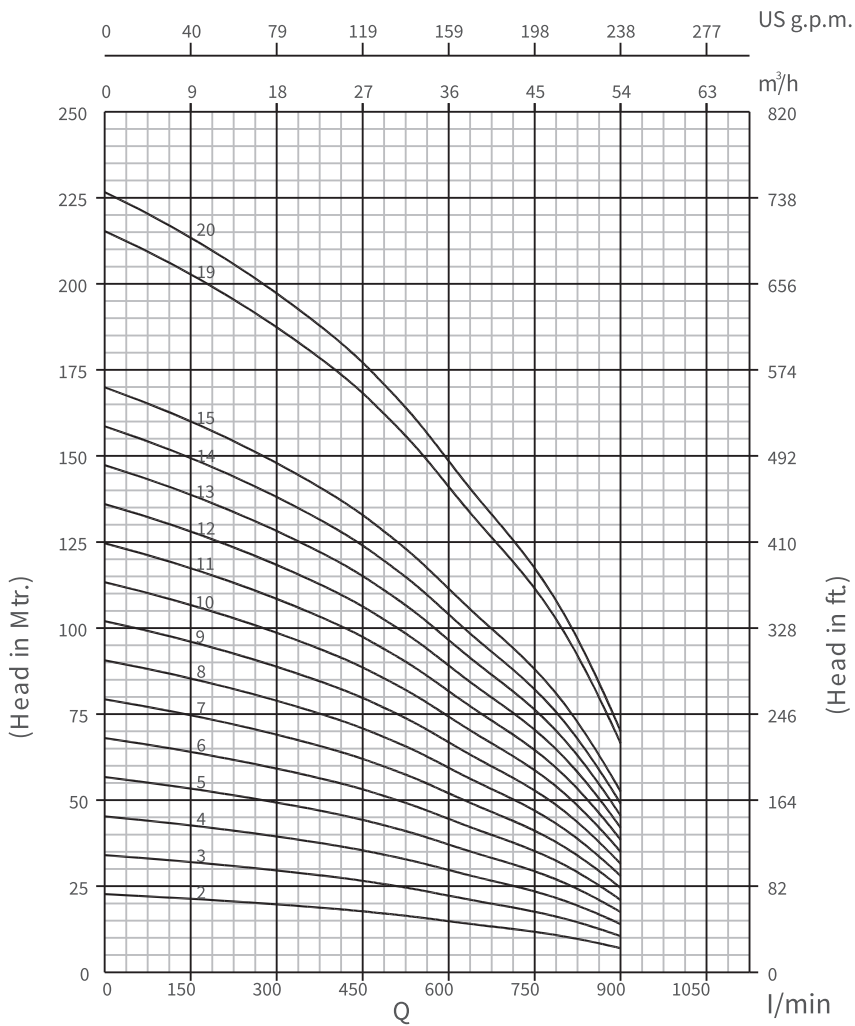


Model Name	Specification				
	D (mm) Single Cable Guard	D (mm) Double Cable Guard	L (mm)	Weight (kg)	Weight (incl.pkg kg)
6MF 610-03	142	145	663	28.0	36.0
6MF 610-04	142	145	758	33.0	41.0
6MF 610-05	142	145	853	38.0	46.0
6MF 610-06	142	145	948	43.0	51.0
6MF 610-07	142	145	1043	48.0	56.0
6MF 610-08	142	145	1138	52.0	60.0
6MF 610-09	142	145	1233	57.0	65.0
6MF 610-10	142	145	1328	62.0	70.0
6MF 610-11	142	145	1423	67.0	75.0
6MF 610-12	142	145	1518	72.00	79.0
6MF 610-14	142	145	1708	81.0	89.0
6MF 610-16	142	145	1898	91.0	99.0
6MF 610-18	142	145	2088	101.0	109.0
6MF 610-20	142	145	2278	110.0	118.0

*G:Available Outlet Size 2.5" & 3"
*D:With Cable Guard

6MF 630, 50Hz
ISO 9906 Annexure A

Performance Curves

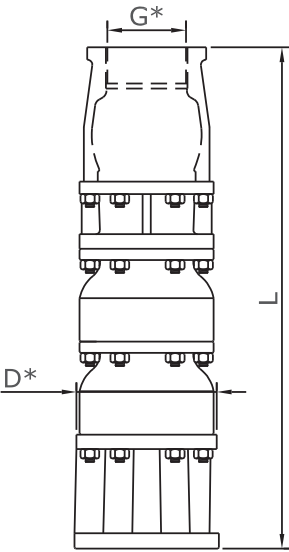


6MF 630, 50Hz
ISO 9906 Annexure A

Performance Chart

Model Name		Rating			Discharge							
Three Phase	Stage	kW	HP	l/min m ³ /h	0	160	400	480	550	650	800	900
					0	9.6	24.0	28.8	33.0	39.6	48.0	54.0
6MF 630-02	2	3.00	4.00	HEAD IN Mtrs.	23	21	19	17	16	14	11	7
6MF 630-03	3	4.00	5.50		34	32	28	26	24	21	16	10
6MF 630-04	4	4.50	6.00		45	43	37	34	32	27	22	14
6MF 630-05	5	5.50	7.50		57	54	46	43	40	34	28	18
6MF 630-06	6	7.50	10.00		68	64	56	52	48	41	33	21
6MF 630-07	7	9.30	12.50		79	75	65	60	56	48	38	24
6MF 630-08	8	9.30	12.50		91	86	74	69	64	55	44	28
6MF 630-09	9	11.00	15.00		102	96	84	77	72	62	50	32
6MF 630-10	10	11.00	15.00		113	107	93	86	80	68	55	35
6MF 630-11	11	13.00	17.50		125	118	102	95	88	75	60	38
6MF 630-12	12	15.00	20.00		136	128	112	103	96	82	66	42
6MF 630-13	13	15.00	20.00		147	139	121	112	104	89	72	46
6MF 630-14	14	15.00	20.00		159	150	130	120	112	96	77	49
6MF 630-15	15	18.50	25.00		170	160	140	129	120	103	82	52
6MF 630-19	19	22.00	30.00		215	203	177	163	152	130	104	66
6MF 630-20	20	22.00	30.00		227	214	186	172	160	137	110	70

Dimensions & Weights

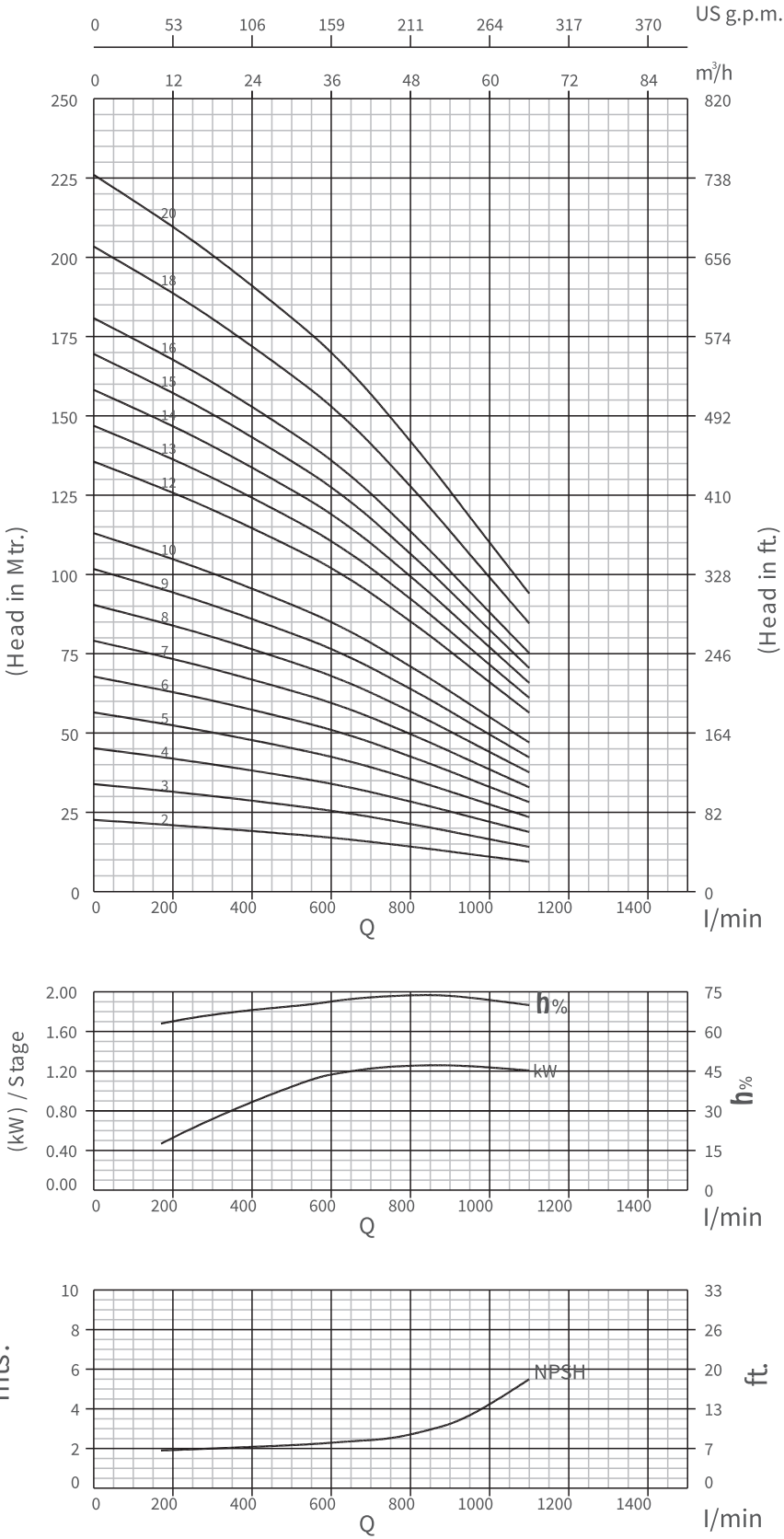


Model name	Specification				
	D (mm) Single Cable Guard	D (mm) Double Cable Guard	L (mm)	Weight (kg)	Weight (incl.pkg kg)
6MF 630-02	142	145	578	24.0	32.0
6MF 630-03	142	145	678	29.0	37.0
6MF 630-04	142	145	778	34.0	42.0
6MF 630-05	142	145	878	39.0	47.0
6MF 630-06	142	145	978	44.0	52.0
6MF 630-07	142	145	1078	49.0	57.0
6MF 630-08	142	145	1178	54.0	62.0
6MF 630-09	142	145	1278	59.0	67.0
6MF 630-10	142	145	1378	64.0	72.0
6MF 630-11	142	145	1478	69.0	77.0
6MF 630-12	142	145	1578	74.0	82.0
6MF 630-13	142	145	1678	79.0	87.0
6MF 630-14	142	145	1778	84.0	92.0
6MF 630-15	142	145	1878	89.0	97.0
6MF 630-19	142	145	2278	109.0	117.0
6MF 630-20	142	145	2378	114.0	121.0

*G:Available Outlet Size 2.5" & 3"
*D:With Cable Guard

6MF 640, 50Hz
ISO 9906 Annexure A

Performance Curves



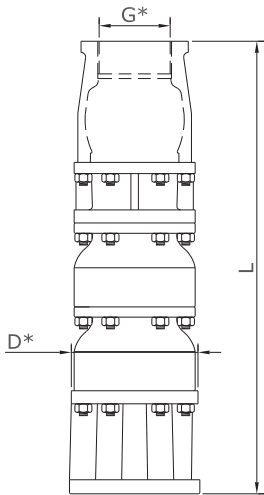
6MF 640, 50Hz
ISO 9906 Annexure A

Performance Chart

Model Name		Rating			Discharge									
Three Phase	Stage	kW	HP	l/min	0	170	300	550	600	680	760	860	950	1100
				m³/h	0	10.2	18.0	33.0	36.0	40.8	45.6	51.6	57.0	66.0

6MF 640-02	2	4.00	5.50	HEAD IN Mtrs.	23	21	20	18	17	16	15	13	12	9
6MF 640-03	3	4.50	6.00		34	32	30	26	26	24	22	20	18	14
6MF 640-04	4	5.50	7.50		45	42	40	35	34	32	30	27	24	19
6MF 640-05	5	7.50	10.00		56	53	50	44	42	40	37	33	30	24
6MF 640-06	6	9.30	12.50		68	64	60	53	51	48	44	40	35	28
6MF 640-07	7	9.30	12.50		79	74	70	62	60	56	52	47	41	33
6MF 640-08	8	11.00	15.00		90	85	80	70	68	64	59	53	47	38
6MF 640-09	9	13.00	17.50		102	96	91	79	76	72	67	60	53	42
6MF 640-10	10	15.00	20.00		113	106	101	88	85	80	74	66	59	47
6MF 640-12	12	18.50	25.00		136	127	121	106	102	96	89	80	71	56
6MF 640-13	13	18.50	25.00		147	138	131	114	110	104	96	86	77	61
6MF 640-14	14	22.00	30.00		158	149	141	123	119	112	104	93	83	66
6MF 640-15	15	22.00	30.00		170	159	151	132	128	120	111	100	88	70
6MF 640-16	16	22.00	30.00		181	170	161	141	136	128	118	106	94	75
6MF 640-18	18	30.00	40.00		203	191	181	158	153	144	133	120	106	85
6MF 640-20	20	30.00	40.00		226	212	201	176	170	160	148	133	118	94

Dimensions & Weights

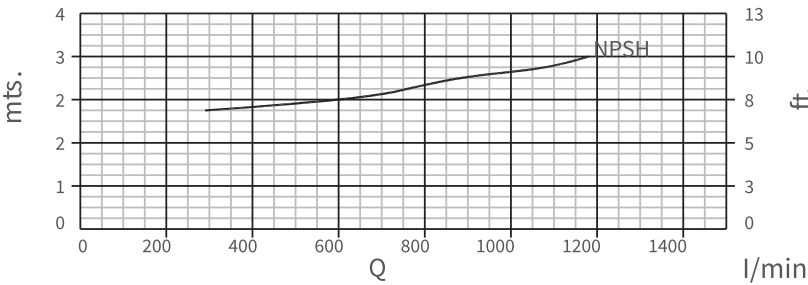
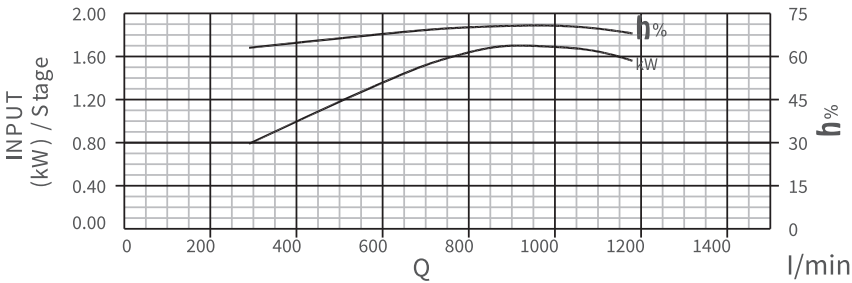
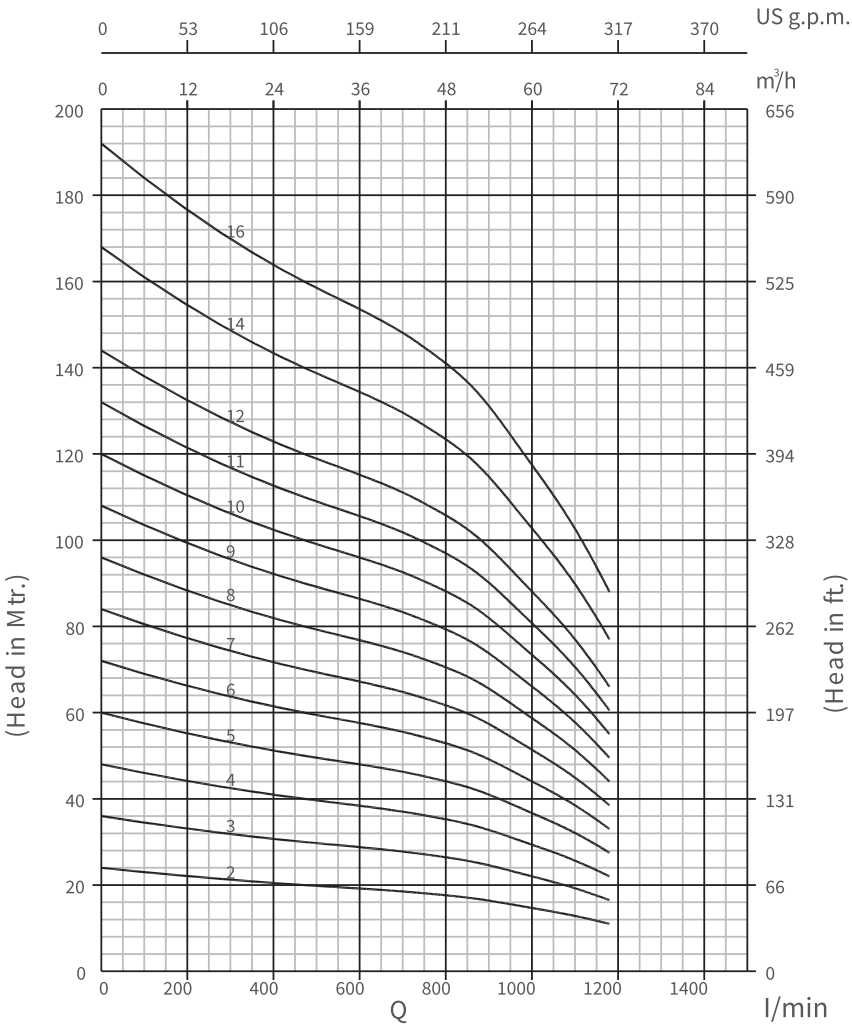


Model name	Specification				
	D (mm) Single Cable Guard	D (mm) Double Cable Guard	L (mm)	Weight (kg)	Weight (incl.pkg kg)
6MF 640-02	144	146	583	24.0	32.0
6MF 640-03	144	146	688	30.0	38.0
6MF 640-04	144	146	793	35.0	43.0
6MF 640-05	144	146	898	40.0	48.0
6MF 640-06	144	146	1003	45.0	53.0
6MF 640-07	144	146	1108	50.0	58.0
6MF 640-08	144	146	1213	55.0	63.0
6MF 640-09	144	146	1318	60.0	68.0
6MF 640-10	144	146	1423	66.0	74.0
6MF 640-12	144	146	1633	76.0	84.0
6MF 640-13	144	146	1738	81.0	89.0
6MF 640-14	144	146	1843	86.0	94.0
6MF 640-15	144	146	1948	92.0	100.0
6MF 640-16	144	146	2053	97.0	105.0
6MF 640-18	144	146	2263	107.0	115.0
6MF 640-20	144	146	2473	117.0	125.0

*G:Available Outlet Size 3" & 4"
*D:With Cable Guard

6MF 650, 50Hz
ISO 9906 Annexure A

Performance Curves



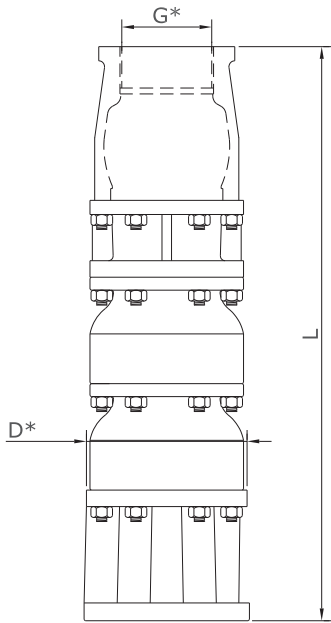
6MF 650, 50Hz
ISO 9906 Annexure A

Performance Chart

Model Name	Three Phase	Stage	Rating		l/min m ³ /h	Discharge							
			kW	HP		0	290	650	760	870	980	1100	1180

6MF 650-02	2	4.50	6.00	HEAD IN Mtrs.	24	21	19	18	17	15	13	11
6MF 650-03	3	5.50	7.50		36	32	28	27	26	22	20	16
6MF 650-04	4	7.50	10.00		48	42	38	36	34	30	26	22
6MF 650-05	5	9.30	12.50		60	52	48	45	42	38	32	28
6MF 650-06	6	11.00	15.00		72	63	57	54	51	45	39	33
6MF 650-07	7	13.00	17.50		84	74	66	63	60	52	46	38
6MF 650-08	8	15.00	20.00		96	84	76	72	68	60	52	44
6MF 650-09	9	18.50	25.00		108	94	86	81	76	68	58	50
6MF 650-10	10	18.50	25.00		120	105	95	90	85	75	65	55
6MF 650-11	11	22.00	30.00		132	116	104	99	94	82	72	60
6MF 650-12	12	22.00	30.00		144	126	114	108	102	90	78	66
6MF 650-14	14	26.00	35.00		168	147	133	126	119	105	91	77
6MF 650-16	16	30.00	40.00		192	168	152	144	136	120	104	88

Dimensions & Weights

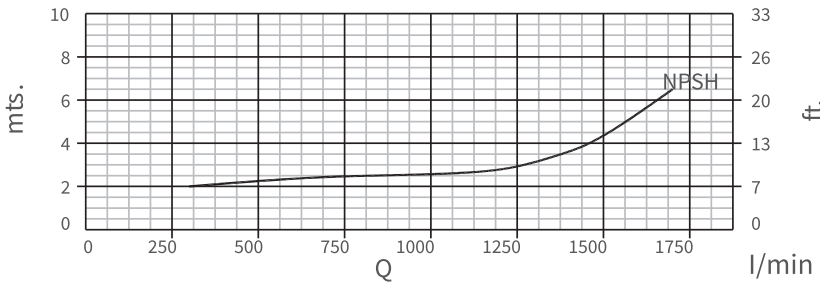
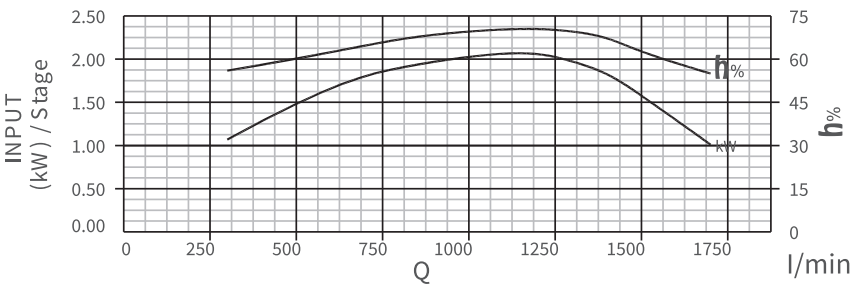
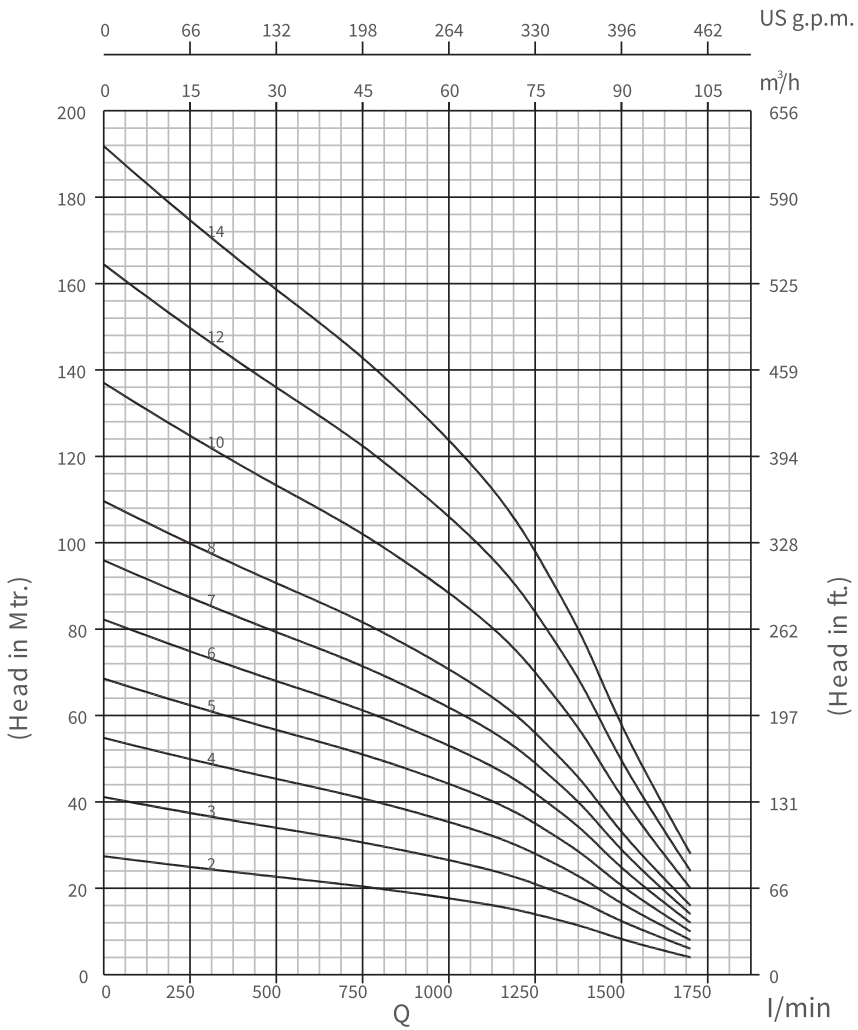


Model name	Specification				
	D (mm) Single Cable Guard	D (mm) Double Cable Guard	L (mm)	Weight (kg)	Weight (incl.pkg kg)
6MF 650-02	144	146	583	25.0	33.0
6MF 650-03	144	146	688	30.0	38.0
6MF 650-04	144	146	793	35.0	43.0
6MF 650-05	144	146	898	40.0	48.0
6MF 650-06	144	146	1003	45.0	53.0
6MF 650-07	144	146	1108	50.0	58.0
6MF 650-08	144	146	1213	55.0	63.0
6MF 650-09	144	146	1318	60.0	68.0
6MF 650-10	144	146	1423	66.0	74.0
6MF 650-11	144	146	1528	71.0	79.0
6MF 650-12	144	146	1633	76.0	84.0
6MF 650-14	144	146	1843	86.0	94.0
6MF 650-16	144	146	2053	96.0	104.0

*G:Available Outlet Size 3" & 4"
*D:With Cable Guard

6MF 670, 50Hz
ISO 9906 Annexure A

Performance Curves



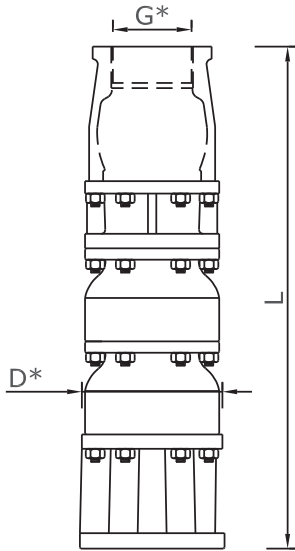
6MF 670, 50Hz
ISO 9906 Annexure A

Performance Chart

Model Name		Rating			Discharge								
Three Phase	Stage	kW	HP	l/min	0	300	600	800	1150	1280	1400	1500	1700
				m ³ /h	0	18	36	48	69	76.8	84	90	102

6MF 670-02	2	5.50	7.50	HEAD IN Mtrs.	27	24	22	20	16	13	11	8	4
6MF 670-03	3	7.50	10.00		41	37	33	30	24	20	16	12	6
6MF 670-04	4	9.30	12.50		55	49	44	40	32	27	22	16	8
6MF 670-05	5	11.00	15.00		68	61	54	50	40	34	28	20	10
6MF 670-06	6	13.00	17.50		82	73	65	60	48	40	33	24	12
6MF 670-07	7	15.00	20.00		96	85	76	70	56	47	38	28	14
6MF 670-08	8	18.50	25.00		110	98	87	80	64	54	44	32	16
6MF 670-10	10	22.00	30.00		137	122	109	100	80	67	55	40	20
6MF 670-12	12	26.00	35.00		164	146	131	120	96	80	66	48	24
6MF 670-14	14	30.00	40.00		192	171	153	140	112	94	77	56	28

Dimensions & Weights



Model name	Specification				
	D (mm) Single Cable Guard	D (mm) Double Cable Guard	L (mm)	Weight (kg)	Weight (incl.pkg kg)
6MF 670-02	144	146	583	26.0	34.0
6MF 670-03	144	146	688	32.0	40.0
6MF 670-04	144	146	793	37.0	45.0
6MF 670-05	144	146	898	43.0	51.0
6MF 670-06	144	146	1003	48.0	56.0
6MF 670-07	144	146	1108	54.0	62.0
6MF 670-08	144	146	1213	59.0	67.0
6MF 670-10	144	146	1423	70.0	78.0
6MF 670-12	144	146	1633	81.0	89.0
6MF 670-14	144	146	1843	92.0	100.0

*G:Available Outlet Size 3" & 4"
*D:With Cable Guard

Submersible Pumps

**7MF 250, 7MF 350, 7MF 500, 7MF 600, 7MF 660, 7MF 680
SERIES PUMP DESIGN**

Material Specification

NO	PARTS NAME	MATERIAL	QTY
1	SUCTION (DOMESTIC)	C.I.(F.G. 200)	01
2	STAGE CASING	C.I.(F.G. 200)	REQ.
3	CASING (TOP)	C.I.(F.G. 200)	01
4	DOL	C.I.(F.G. 200)	01
5	DELIVERY CASING	C.I.(F.G. 200)	01
6	IMPELLER (G.M.)	G.M./C.I./S.S.410	REQ.
7	SLEEV (DIST.)	S.S. 410	01
8	SLEEVE (TOP)	S.S. 410	01
9	SLEEVE (BOWL)	S.S. 410	REQ.
10	BEARING BUSH	L.T.B 4 (2% NI)	01
11	BOWL BUSH	N.B.R.	REQ.
12	THRUST COLLAR	S.S. 410	01
13	TOP COLLAR	S.S. 410	01
14	BUSH COLLAR	P.P.O (20% GF)	REQ.
15	DOL CAP	P.P.O, (20% GF)	01
16	SHAFT	S.S. 410	01
17	N.R.V. CONE PLATE	S.S. 202	01
18	N.R.V. CONE ROD	S.S. 410	01
19	N.R.V. CONE SPRING	S.S. 304	01
20	N.R.V. NECKRING	M.S./N.B.R.	01
21	BOWL NECKRING	M.S./N.B.R.	REQ.
22	COUPLING(DOMESTIC)	S.S.410	01
23	STUD(BOWL & DOL)	S.S. 410	8/ST+8
24	STUD (SUCTION)	S.S. 410	08
25	HEX NUT	S.S. 202	REQ.
26	HEX BOLT	S.S. 304	01
27	KEY	S.S. 410	REQ.
28	SCREW(CABLE GUARD)	BRASS	REQ.
29	SCREW(STRAINER)	BRASS	02
30	SCREW WASHER	BRASS	10
31	STRAINER	S.S.202	01
32	PAPER GASKET	PAPER	REQ.
33	CABLE GUARD	S.S. 202	REQ.
34	IMPELLER NECKRING	S.S. 202	
35	GRUB SCREW (DOMESTIC)	S.S. 304	01
36	CABLE CLIP	S.S. 202	02
37	ALLEN BOLT	S.S.304	01

