

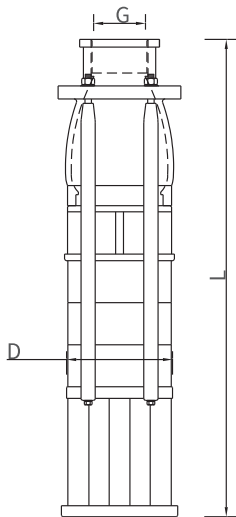
8RF 500, 50Hz
ISO 9906 Annexure A

Performance Chart

Model Name		Rating			Discharge							
		kW	HP		l/min m ³ /h	0	300	450	560	740	900	1000
Three Phase	Stage				0	18.0	27.0	33.6	44.4	54.0	60.0	

8RF 500-02	2	7.50	10.00	HEAD IN Mtrs.	43	42	40	38	35	30	25
8RF 500-03	3	11.00	15.00		64	63	60	57	52	45	38
8RF 500-04	4	15.00	20.00		86	84	80	76	70	60	50
8RF 500-05	5	18.50	25.00		108	105	100	95	88	75	62
8RF 500-06	6	22.00	30.00		129	126	120	114	105	90	75
8RF 500-07	7	26.00	35.00		150	147	140	133	122	105	88
8RF 500-08	8	30.00	40.00		172	168	160	152	140	120	100
8RF 500-09	9	33.00	45.00		194	189	180	171	158	135	112
8RF 500-10	10	37.00	50.00		215	210	200	190	175	150	125
8RF 500-12	12	45.00	60.00		258	252	240	228	210	180	150
8RF 500-14	14	52.00	70.00		301	294	280	266	245	210	175
8RF 500-16	16	60.00	80.00		344	336	320	304	280	240	200
8RF 500-18	18	67.00	90.00		387	378	360	342	315	270	225
8RF 500-20	20	75.00	100.0		430	420	400	380	350	300	250

Dimensions & Weights



Model name	Specification			
	D	L	Weight (kg)	Weight (incl.pkg kg)
8RF-500/02	188	660	46.5	54.5
8RF-500/03	188	725	52.5	60.5
8RF-500/04	188	790	58.5	66.5
8RF-500/05	188	855	64.5	72.5
8RF-500/06	188	920	70.0	78.0
8RF-500/07	188	985	76.0	84.0
8RF-500/08	188	1050	82.0	90.0
8RF-500/09	188	1115	88.0	96.0
8RF-500/10	188	1180	94.0	102.0
8RF-500/12	188	1310	106.0	114.0

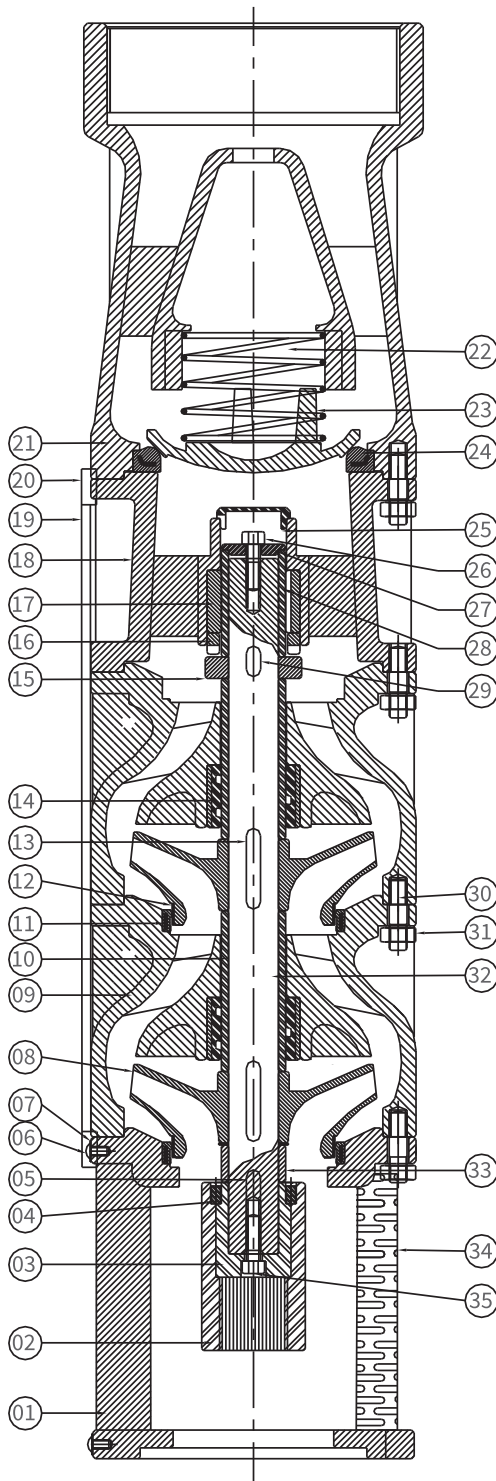
*G:Available Outlet Size 3"
*D:With Cable Guard

Submersible Pumps

**8MF 250, 8MF 350, 8MF 500, 8MF 600, 8MF 700, 8MF 800,
8MF 810, 8MF 1000, 8MF 1250, 8MF 1500 SERIES PUMP DESIGN**

Material Specification

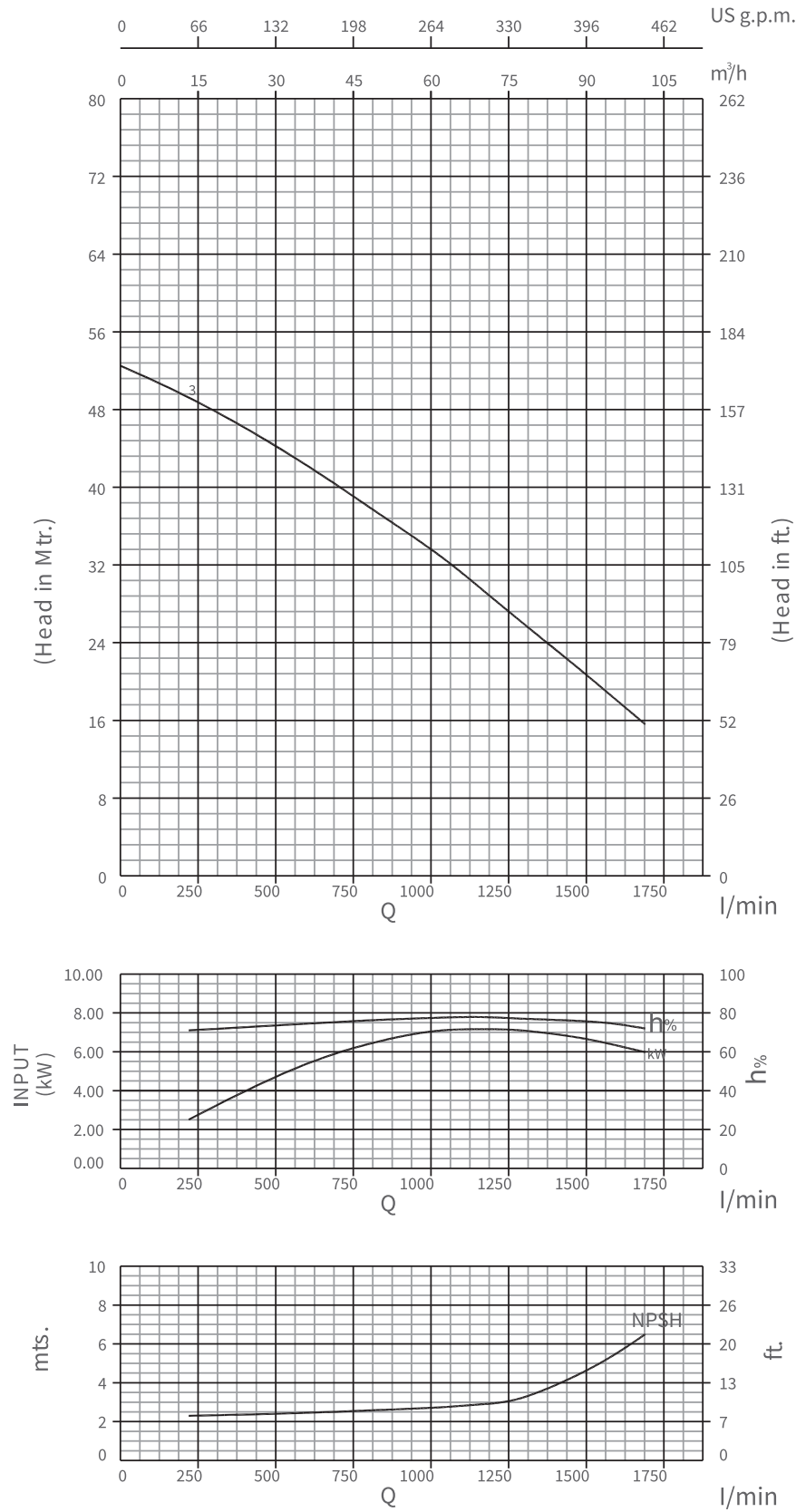
NO	DESCRIPTION	MATERIAL
1	SUCTION	CAST IRON
2	NEMA COUPLING SLEEVE	S.S.304
3	NEMA SLEEVE	S.S.304
4	GRUB SCREW	S.S.304
5	COUPLING KEY	S.S.304
6	SCREW	S.S.304
7	STRAINER SCREW WASHER	S.S.304
8	IMPELLER (G.M)	G.M
	IMPELLER (S.S.410)	S.S.410
9	STAGE CASING	CAST IRON
10	SLEEVE (STAGE CASING)	S.S.410
11	NECKRING (STAGE CASING)	M.S/N.B.R
12	IMPELLER NECKRING	S.S.202
13	IMPELLER KEY	S.S.304
14	METAL RUBBER BUSH	M.S/N.B.R
15	THRUST PLATE	S.S.410
16	COUNTER THRUST RING	G.M
17	BEARING BUSH	L.T.B-4 (2%Ni)
18	DOL	CAST IRON
19	CABLE GUARD	S.S.202
20	CABLE CLIP	S.S.202
21	DELIVERY CASING	CAST IRON
22	N.R.V CONE SPRING	SPRING STEEL
23	N.R.V CONE	CAST IRON
24	N.R.V NECKRING	M.S/N.B.R
25	P.V.C CAP	PLASTIC
26	HEX BOLT (TOP SIDE)	S.S.202
27	TOP COLLER	S.S.410
28	TOP SLEEVE	S.S.410
29	D.O.L KEY	S.S.304
30	STUD	S.S.410
31	NUT	S.S.202
32	PUMP SHAFT	LEAN DUPLEX
33	DISTANCE SLEEVE	S.S.410
34	STRAINER	S.S.202
35	ALLEN BOLT	S.S.304



8MF 250, 50Hz

ISO 9906 Annexure A

Performance Chart



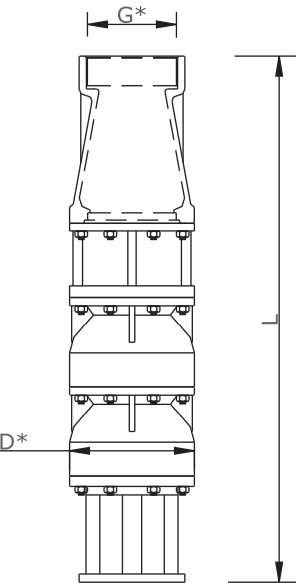
8MF 250, 50Hz

ISO 9906 Annexure A

Model Name		Rating			Discharge										
Three Phase	Stage	kW	HP	l/min	0	220	550	820	1020	1160	1280	1490	1600	1690	
				m³/h	0	13.2	33.0	49.2	61.2	69.6	76.8	89.4	96.0	101.4	

8MF 250-03	3	7.50	10.00	HEAD IN MTS.	52	50	44	38	33	30	26	21	18	16
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Dimensions & Weights



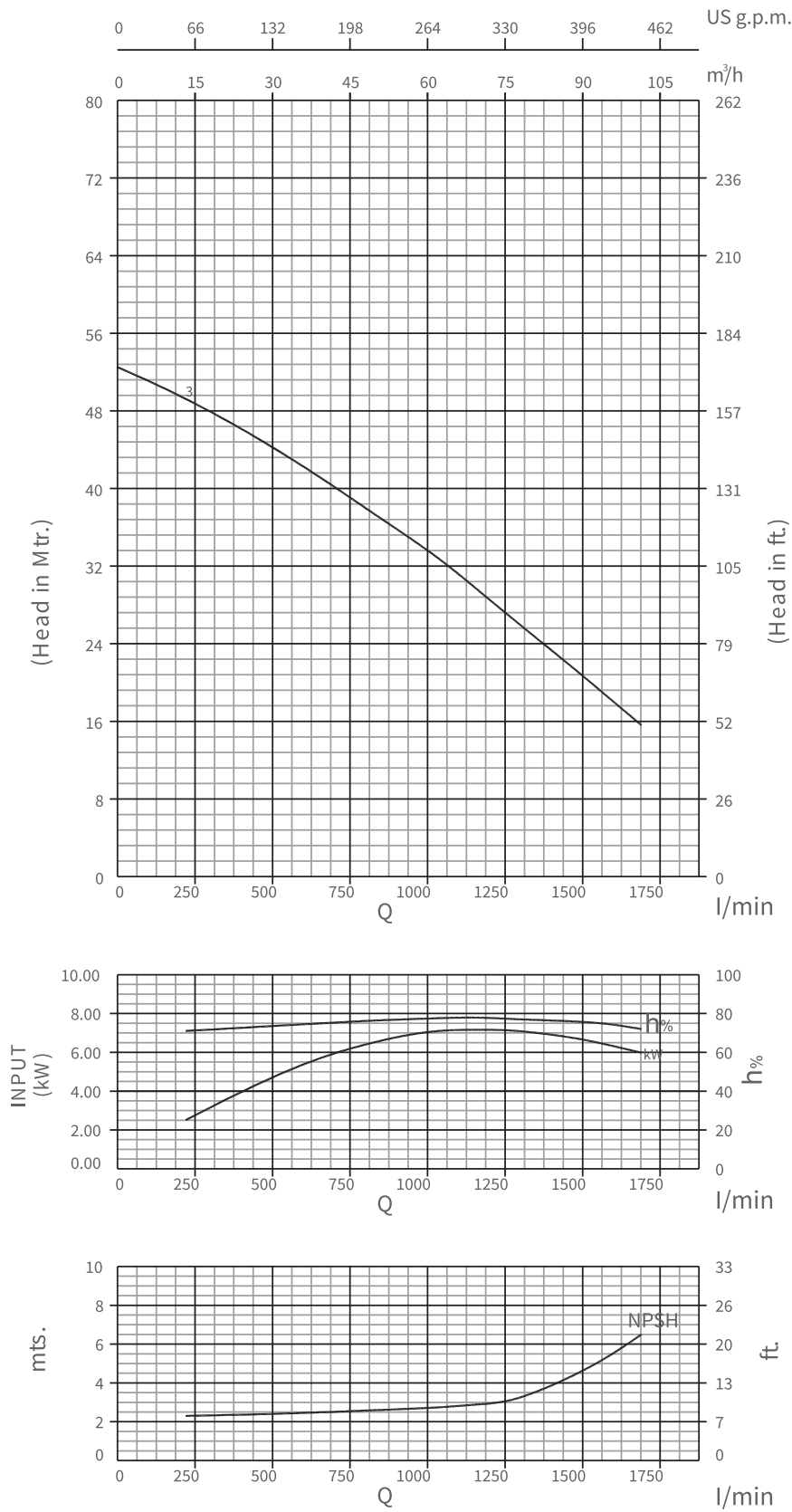
Model name	Specification			
	D	L	Weight (kg)	Weight (incl.pkg) (kg)
8MF 250-03	182	885	62.5	70.5

*G: Available Outlet Size 3.0" & 4.0"
*D: With Cable Guard

8MF 250, 50Hz

ISO 9906 Annexure A

Performance Chart



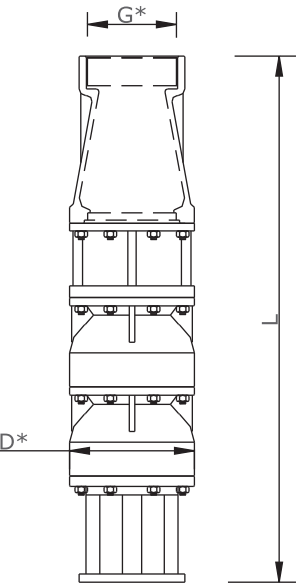
8MF 250, 50Hz

ISO 9906 Annexure A

Model Name		Rating			Discharge									
Three Phase	Stage	kW	HP	l/min	0	220	550	820	1020	1160	1280	1490	1600	1690
				m³/h	0	13.2	33.0	49.2	61.2	69.6	76.8	89.4	96.0	101.4

8MF 250-03	3	7.50	10.00	HEAD IN MTS.	52	50	44	38	33	30	26	21	18	16
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Dimensions & Weights



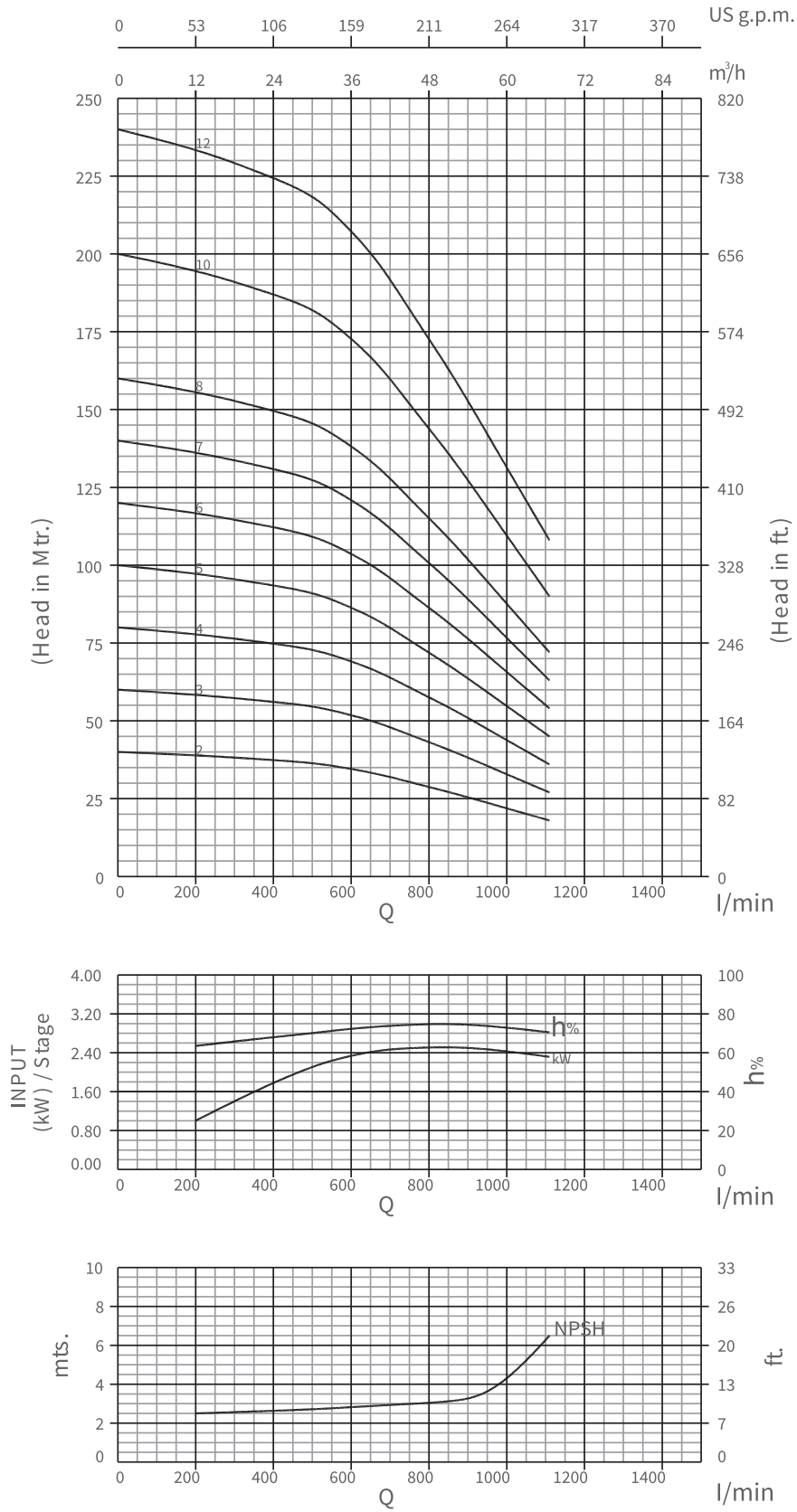
Model name	Specification			
	D	L	Weight (kg)	Weight (incl.pkg) (kg)
8MF 250-03	182	885	62.5	70.5

*G: Available Outlet Size 3.0" & 4.0"
*D: With Cable Guard

8MF 350, 50Hz

ISO 9906 Annexure A

Performance Chart



8MF 350, 50Hz

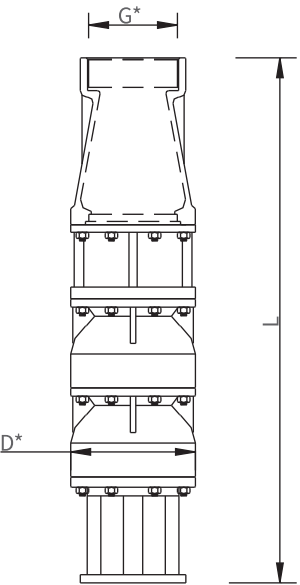
ISO 9906 Annexure A

Performance Curves

Model Name		Rating			Discharge										
Three Phase	Stage	kW	HP	l/min	0	200	350	500	580	670	760	860	980	1110	
				m³/h	0	12.0	21.0	30.0	34.8	40.2	45.6	51.6	58.8	66.6	

Model Name	Stage	kW	HP	HEAD IN Mtrs.	40	39	38	37	35	33	30	27	23	18
					60	58	57	55	52	50	45	40	34	27
8MF 350-02	2	5.50	7.50		80	78	76	73	70	66	60	54	45	36
8MF 350-03	3	9.30	12.50		100	98	94	92	88	82	75	67	56	45
8MF 350-04	4	11.00	15.00		120	117	113	110	105	99	90	81	68	54
8MF 350-05	5	15.00	20.00		140	136	132	128	122	116	105	94	79	63
8MF 350-06	6	18.50	25.00		160	156	151	146	140	132	120	108	90	72
8MF 350-07	7	22.00	30.00		200	195	189	183	175	165	150	135	113	90
8MF 350-08	8	26.00	35.00		240	234	227	220	210	198	180	162	136	108
8MF 350-10	10	30.00	40.00											
8MF 350-12	12	37.00	50.00											

Dimensions & Weights



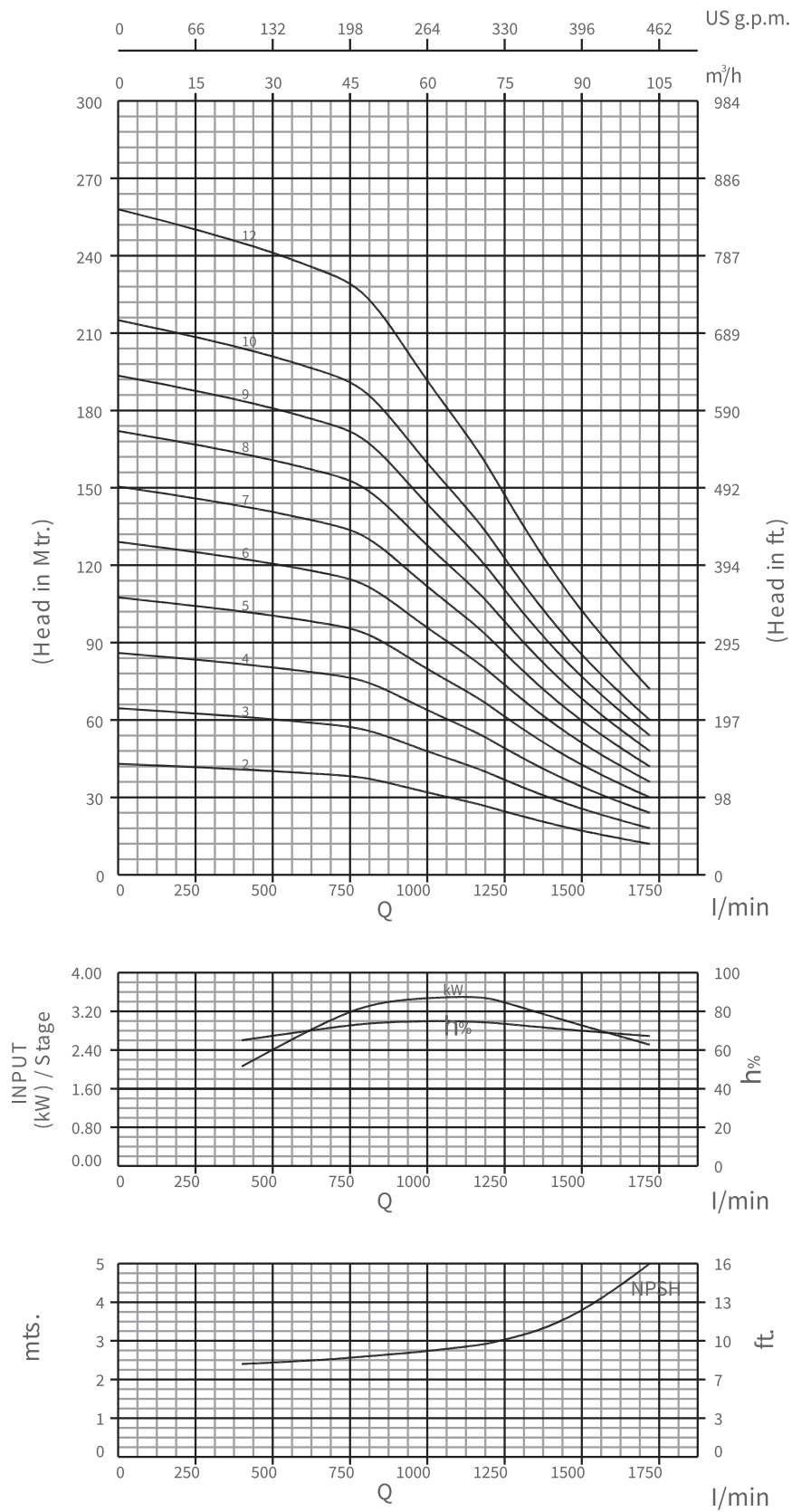
Model name	Specification			
	D	L	Weight (kg)	Weight (incl.pkg)[kg]
8MF 350-02	182	765	51.5	59.5
8MF 350-03	182	885	62.5	70.5
8MF 350-04	182	990	73.5	81.5
8MF 350-05	182	1195	84.5	92.5
8MF 350-06	182	1200	95.5	103.5
8MF 350-07	182	1305	106.5	114.5
8MF 350-08	182	1410	117.5	125.5
8MF 350-10	182	1620	139.5	147.5
8MF 350-12	182	1830	161.5	169.5

*G:Available Outlet Size 3.0" & 4.0"
*D:With Cable Guard

8MF 500, 50Hz

ISO 9906 Annexure A

Performance Chart



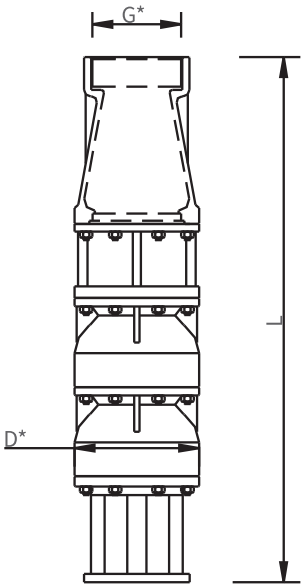
8MF 500, 50Hz

ISO 9906 Annexure A

Model Name		Rating			Discharge									
Three Phase	Stage	kW	HP	l/min	0	400	660	800	960	1070	1180	1235	1480	1720
				m³/h	0	24.0	39.6	48.0	57.6	64.2	70.8	74.1	88.8	103.2

8MF 500-02	2	7.50	10.00	HEAD IN Mtrs.	43	41	39	38	33	30	27	25	17	12
8MF 500-03	3	11.00	15.00		64	62	58	57	50	45	40	38	26	18
8MF 500-04	4	15.00	20.00		86	82	78	76	66	60	54	50	34	24
8MF 500-05	5	18.50	25.00		108	102	98	95	82	75	68	62	42	30
8MF 500-06	6	22.00	30.00		129	123	117	114	99	90	81	75	51	36
8MF 500-07	7	26.00	35.00		150	144	136	133	116	105	94	88	60	42
8MF 500-08	8	30.00	40.00		172	164	156	152	132	120	108	100	68	48
8MF 500-09	9	33.00	45.00		194	184	176	171	148	135	122	112	76	54
8MF 500-10	10	37.00	50.00		215	205	195	190	165	150	135	125	85	60
8MF 500-12	12	45.00	60.00		258	246	234	228	198	180	162	150	102	72

Dimensions & Weights



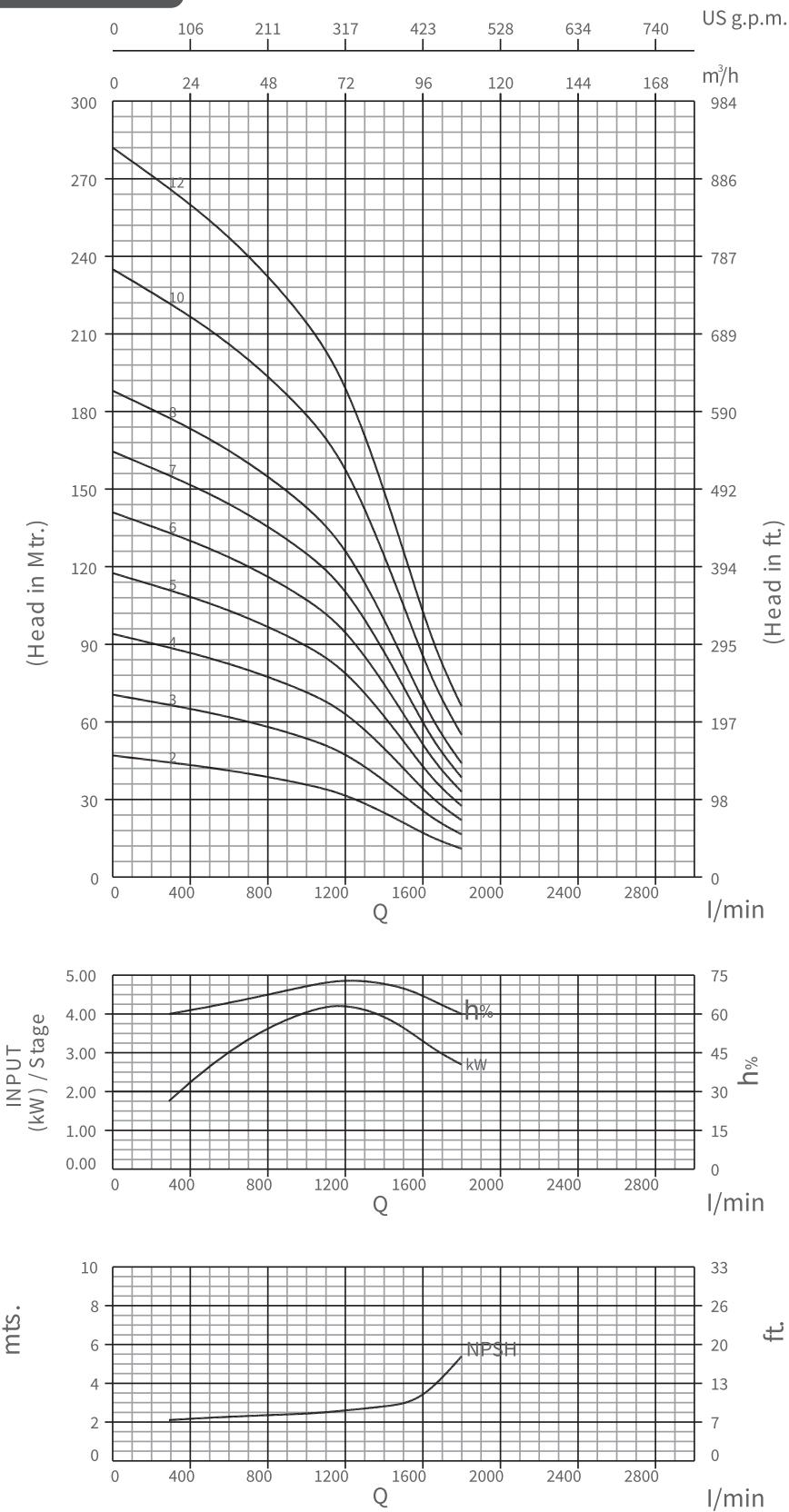
Model name	Specification			
	D	L	Weight (kg)	Weight (incl.pkg)[kg]
8MF 500-02	199	803	52	59.5
8MF 500-03	199	933	63	70.5
8MF 500-04	199	1063	74	81.5
8MF 500-05	199	1193	85	92.5
8MF 500-06	199	1323	96	103.5
8MF 500-07	199	1453	107	114.5
8MF 500-08	199	1583	118	125.5
8MF 500-09	199	1713	129	136.5
8MF 500-10	199	1843	130	147.5
8MF 500-12	199	2103	152	169.5

*G:Available Outlet Size 4.0" & 5.0"
*D:With Cable Guard

8MF 600, 50Hz

ISO 9906 Annexure A

Performance Chart



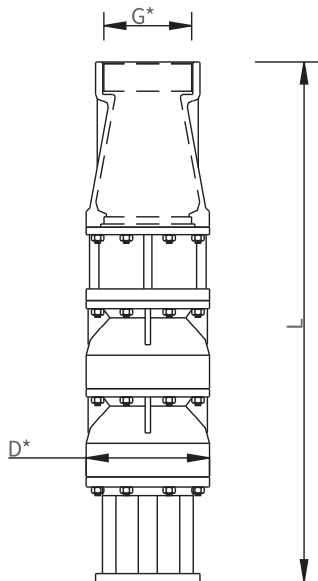
8MF 600, 50Hz

ISO 9906 Annexure A

Model Name		Rating			Discharge								
Three Phase	Stage	kW	HP	l/min	0	290	600	1000	1200	1400	1550	1680	1800
				m³/h	0	17.4	36.0	60.0	72.0	84.0	93.0	100.8	108

8MF 600-02	2	9.30	12.50	HEAD IN Mtrs.	47	44	42	36	32	25	19	14	11
8MF 600-03	3	13.00	17.50		70	67	62	54	48	38	28	21	16
8MF 600-04	4	18.50	25.00		94	89	83	72	64	50	38	28	22
8MF 600-05	5	22.00	30.00		118	111	104	90	80	62	48	35	28
8MF 600-06	6	26.00	35.00		141	133	125	108	96	75	57	42	33
8MF 600-07	7	30.00	40.00		164	156	145	126	112	88	66	49	38
8MF 600-08	8	37.00	50.00		188	178	166	144	128	100	76	56	44
8MF 600-10	10	45.00	60.00		235	222	208	180	160	125	95	70	55
8MF 600-12	12	52.00	70.00		282	267	249	216	192	150	114	84	66

Dimensions & Weights

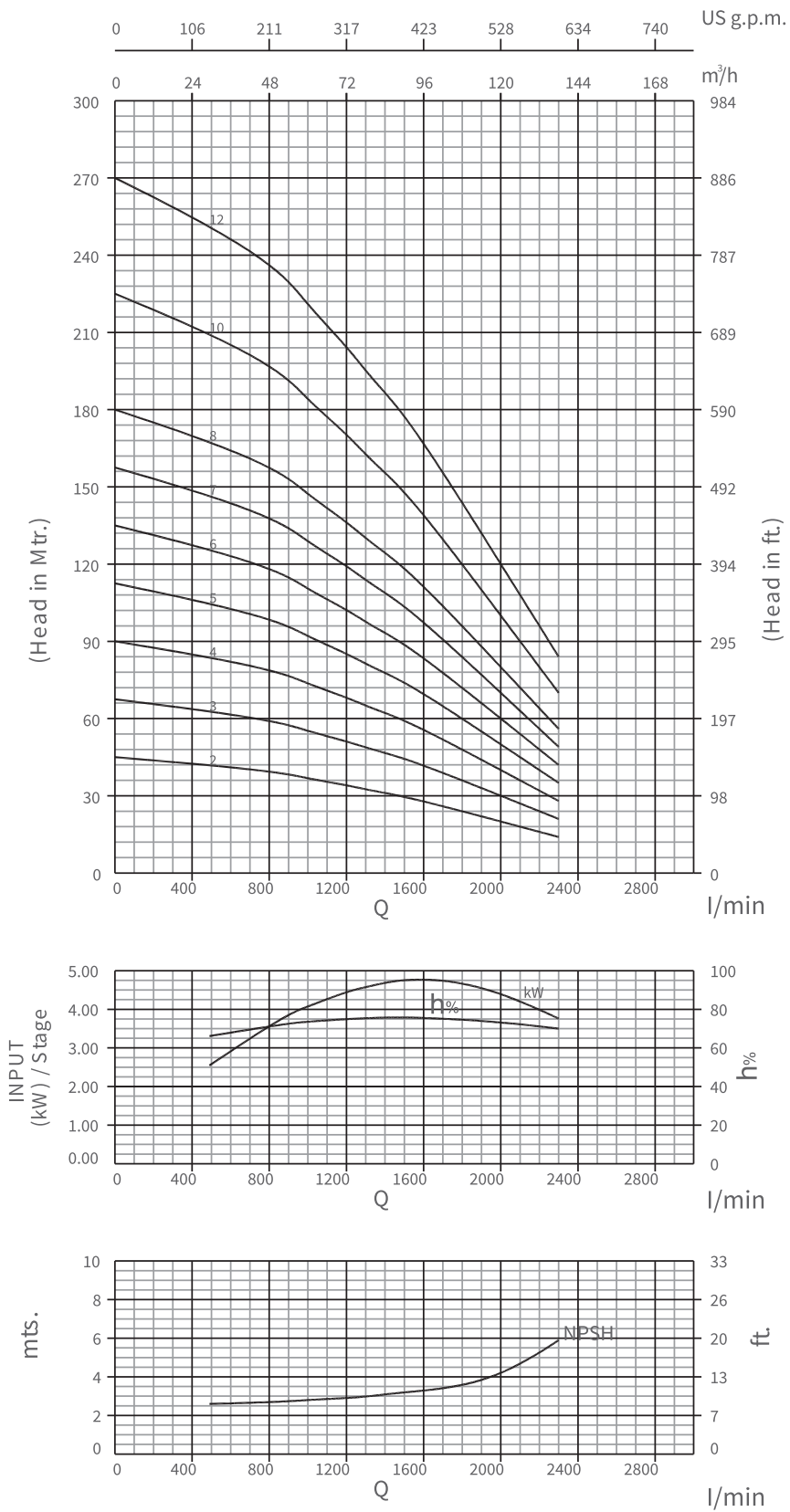


Model name	Specification			
	D	L	Weight (kg)	Weight (incl.pkg)[kg]
8MF 600-02	199	803	51.0	59.0
8MF 600-03	199	933	62.0	70.0
8MF 600-04	199	1063	73.0	81.0
8MF 600-05	199	1193	83.5	91.5
8MF 600-06	199	1323	94.5	102.5
8MF 600-07	199	1453	105.0	113.0
8MF 600-08	199	1583	116.0	124.0
8MF 600-10	199	1843	138.0	146.0
8MF 600-12	199	2103	160.0	168.0

*G:Available Outlet Size 4.0" & 5.0"
*D:With Cable Guard

8MF 700, 50Hz
ISO 9906 Annexure A

Performance Chart

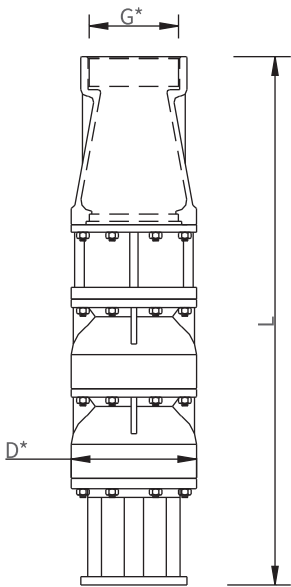


8MF 700, 50Hz
ISO 9906 Annexure A

Model Name	Three Phase	Stage	Rating		l/min m ³ /h	Discharge									
			kW	HP		0	490	870	980	1210	1330	1485	1750	2050	2300

Model Name	Stage	kW	HP	HEAD IN Mtrs.	45	42	39	37	34	32	30	25	19	14
					68	63	58	56	51	48	45	38	28	21
8MF 700-02	2	11.00	15.00	45	90	84	78	74	68	64	60	50	38	28
8MF 700-03	3	15.00	20.00	68	105	98	92	85	80	75	70	57	42	31
8MF 700-04	4	22.00	30.00	90	126	117	111	102	96	90	84	66	49	35
8MF 700-05	5	26.00	35.00	112	135	126	117	111	102	96	90	75	57	42
8MF 700-06	6	33.00	45.00	135	158	147	136	130	119	112	105	88	66	49
8MF 700-07	7	37.00	50.00	158	180	168	156	148	136	128	120	100	76	56
8MF 700-08	8	45.00	60.00	180	225	210	195	185	170	160	150	125	95	70
8MF 700-10	10	52.00	70.00	225	270	252	234	222	204	192	180	150	114	84
8MF 700-12	12	67.00	90.00	270										

Dimensions & Weights



Model name	Specification			
	D	L	Weight (kg)	Weight (incl. pkg.) [kg]
8MF 700-02	199	806	51.5	59.5
8MF 700-03	199	936	62.0	70.0
8MF 700-04	199	1066	73.0	81.0
8MF 700-05	199	1196	84.0	92.0
8MF 700-06	199	1326	95.0	103.0
8MF 700-07	199	1456	106.0	114.0
8MF 700-08	199	1586	117.0	125.0
8MF 700-10	199	1846	139.0	147.0
8MF 700-12	199	2106	161.0	169.0

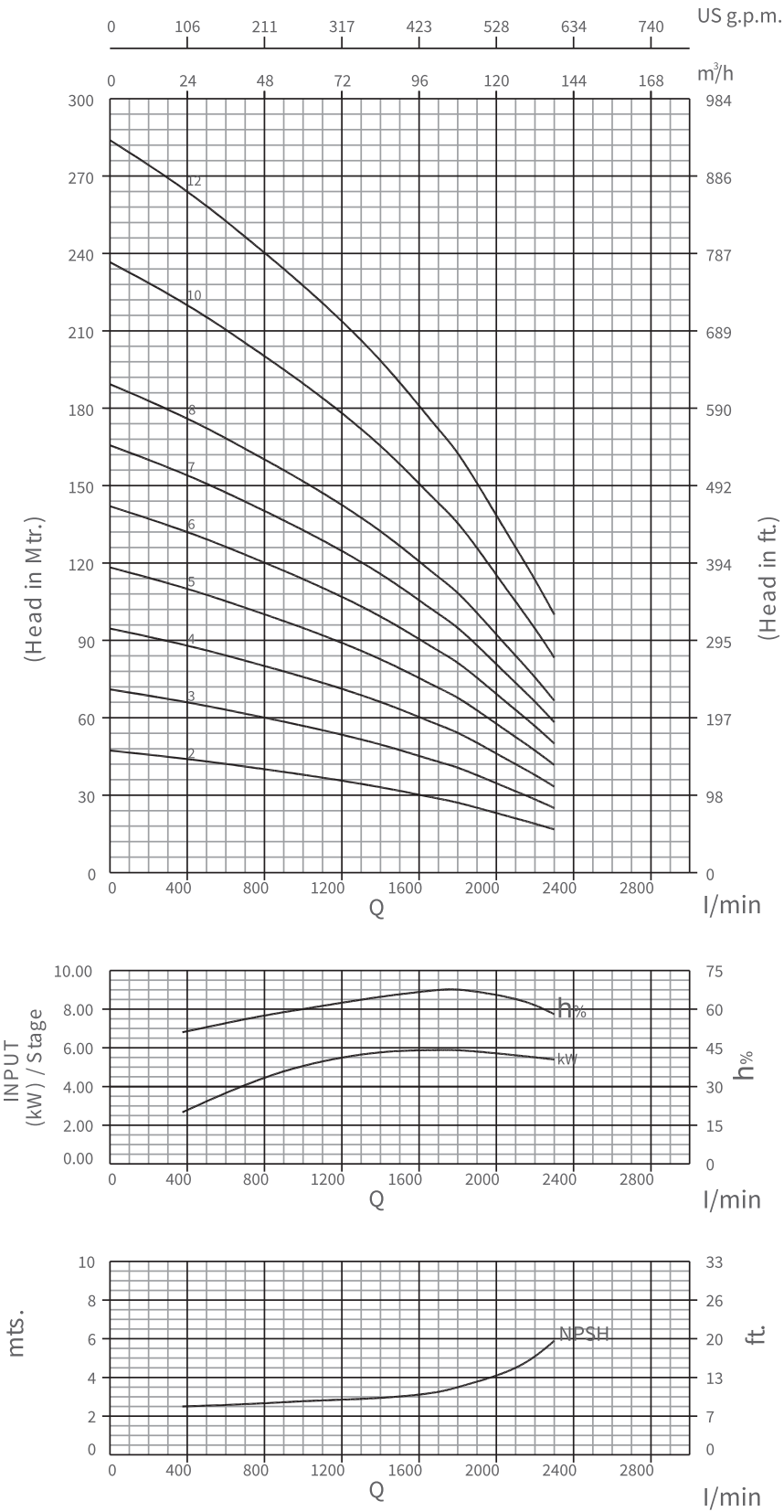
*G: Available Outlet Size 4.0" & 5.0"

*D: With Cable Guard

8MF 800, 50Hz

ISO 9906 Annexure A

Performance Chart



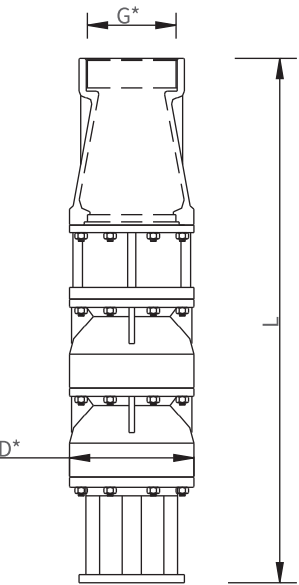
8MF 800, 50Hz

ISO 9906 Annexure A

Model Name		Rating			Discharge									
Three Phase	Stage	kW	HP	l/min	0	375	710	1000	1400	1700	1800	2050	2200	2300
				m³/h	0	22.5	42.6	60.0	84.0	102	108	123	132	138

Model Name	Stage	kW	HP	HEAD IN Mtrs.	47	44	41	38	33	29	27	22	19	17
					71	67	61	57	50	43	41	33	28	25
					95	89	82	76	67	57	55	44	38	33
					118	111	102	95	83	71	68	55	48	42
					142	133	123	114	100	86	82	66	57	50
					166	155	143	133	117	100	96	77	66	58
					189	178	164	152	133	114	109	88	76	67
					237	222	205	190	167	143	137	110	95	83
					284	266	246	228	200	171	164	132	114	100

Dimensions & Weights



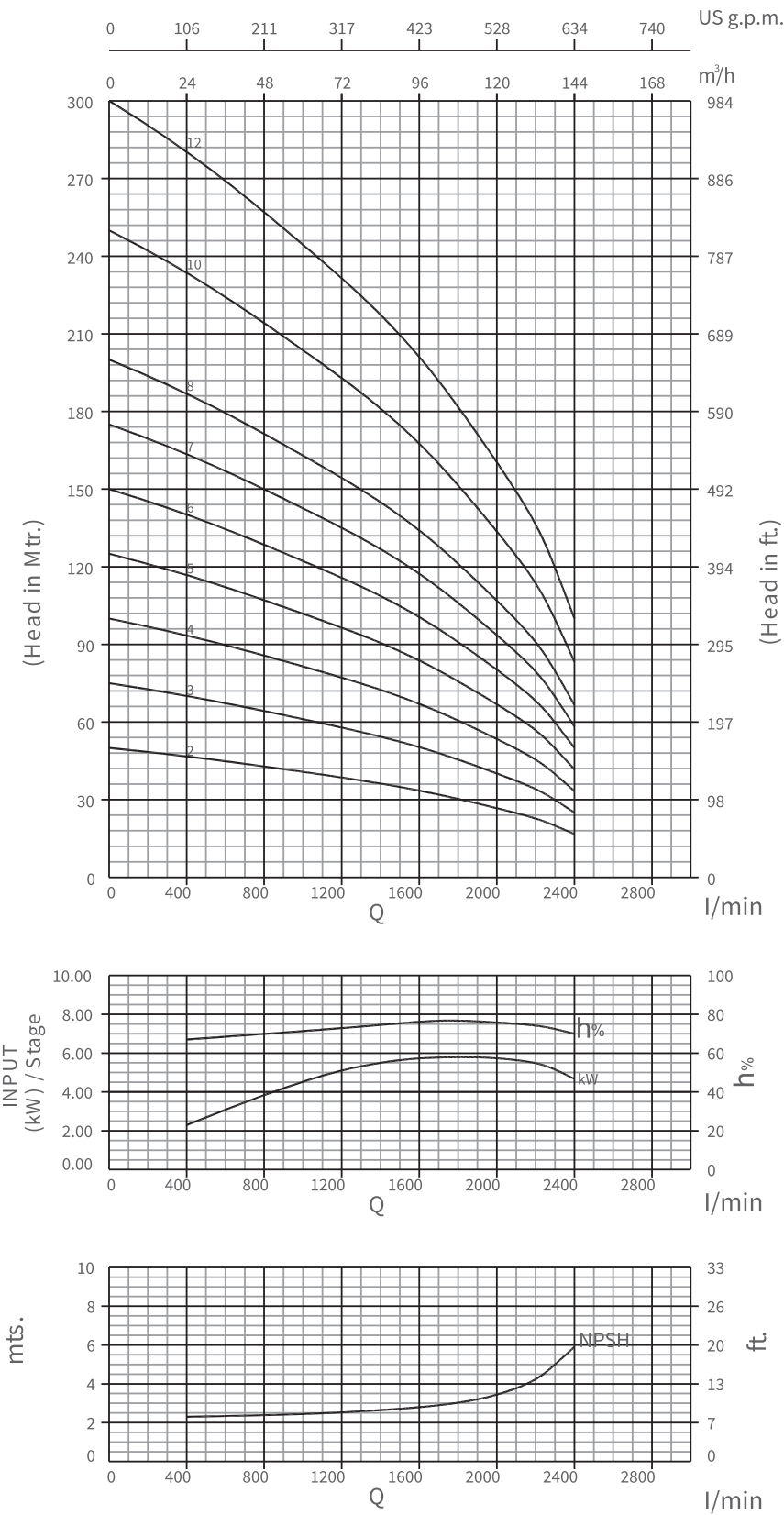
Model name	Specification			Weight (incl.pkg)[kg]
	D	L	Weight (kg)	
8MF 800-02	203	793	51.5	59.5
8MF 800-03	203	916	62.5	70.5
8MF 800-04	203	1046	73.5	81.5
8MF 800-05	203	1176	84.5	92.5
8MF 800-06	203	1306	96.0	104.0
8MF 800-07	203	1436	107.0	115.0
8MF 800-08	203	1566	118.0	126.0
8MF 800-10	203	1826	140.0	148.0
8MF 800-12	203	2086	162.0	170.0

*G:Available Outlet Size 4.0" & 5.0"
*D:With Cable Guard

8MF 810, 50Hz

ISO 9906 Annexure A

Performance Chart



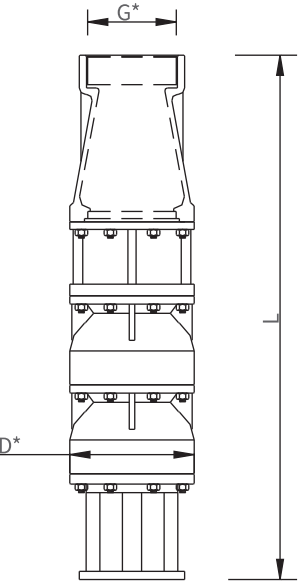
8MF 810, 50Hz

ISO 9906 Annexure A

Model Name		Rating			Discharge										
Three Phase	Stage	kW	HP	l/min	0	400	960	1350	1620	1790	1970	2200	2300	2400	
				m³/h	0	24.0	57.6	81.0	97.2	107.4	118.2	132	138	144	

Model Name	Stage	kW	HP	HEAD IN Mtrs.	50	47	41	37	33	30	27	23	20	17
					75	70	62	56	50	46	41	34	30	25
8MF 810-02	2	13.00	17.50		100	94	82	74	67	61	55	46	40	33
8MF 810-03	3	18.50	25.00		125	118	103	92	83	76	68	58	50	42
8MF 810-04	4	26.00	35.00		150	141	124	111	100	92	82	69	60	50
8MF 810-05	5	30.00	40.00		175	164	144	130	117	107	96	80	70	58
8MF 810-06	6	37.00	50.00		200	188	165	148	133	122	109	92	80	67
8MF 810-07	7	45.00	60.00		250	235	206	185	167	152	137	115	100	83
8MF 810-08	8	52.00	70.00		300	282	247	222	200	183	164	138	120	100
8MF 810-10	10	60.00	80.00											
8MF 810-12	12	75.00	100.0											

Dimensions & Weights



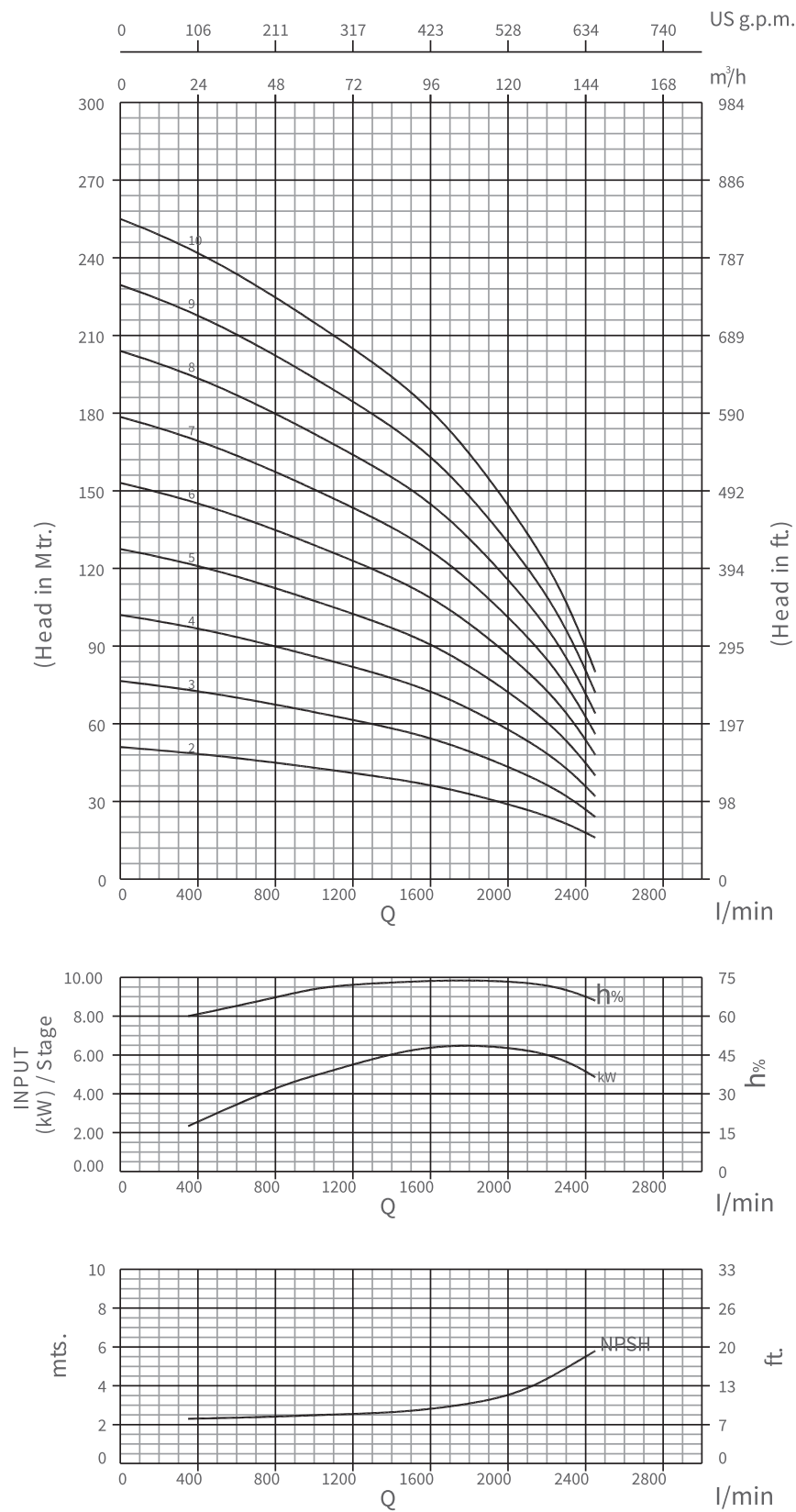
Model name	Specification			
	D	L	Weight (kg)	Weight (incl.pkg)[kg]
8MF 810A-02	203	793	51.5	59.5
8MF 810A-03	203	916	63.0	71.0
8MF 810A-04	203	1046	74.0	82.0
8MF 810A-05	203	1176	85.0	93.0
8MF 810A-06	203	1306	96.5	104.5
8MF 810A-07	203	1436	108.0	116.0
8MF 810A-08	203	1566	119.5	127.5
8MF 810A-10	203	1826	142.5	150.5
8MF 810A-12	203	2086	165.5	173.5

*G:Available Outlet Size 4.0" & 5.0"
*D:With Cable Guard

8MF 1000, 50Hz

ISO 9906 Annexure A

Performance Chart



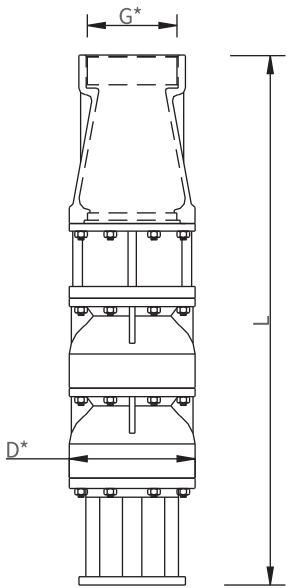
8MF 1000, 50Hz

ISO 9906 Annexure A

Model Name		Rating			Discharge									
		kW	HP		l/min m ³ /h	0	350	800	1000	1400	1700	2050	2300	2450
Three Phase	Stage					0	21	48	60	84	102	123	138	147

Model Name	Stage	kW	HP	HEAD IN Mtrs.	51	49	45	43	39	35	28	22	16
					76	74	68	64	58	52	42	33	24
8MF 1000-02	2	15.00	20.00		102	98	90	86	78	70	56	44	32
8MF 1000-03	3	22.00	30.00		128	122	112	108	98	88	70	55	40
8MF 1000-04	4	30.00	40.00		153	147	135	129	117	105	84	66	48
8MF 1000-05	5	37.00	50.00		178	172	158	150	136	122	98	77	56
8MF 1000-06	6	45.00	60.00		204	196	180	172	156	140	112	88	64
8MF 1000-07	7	52.00	70.00		230	220	202	194	176	158	126	99	72
8MF 1000-08	8	60.00	80.00		255	245	225	215	195	175	140	110	80
8MF 1000-09	9	67.00	90.00										
8MF 1000-10	10	75.00	100.0										

Dimensions & Weights



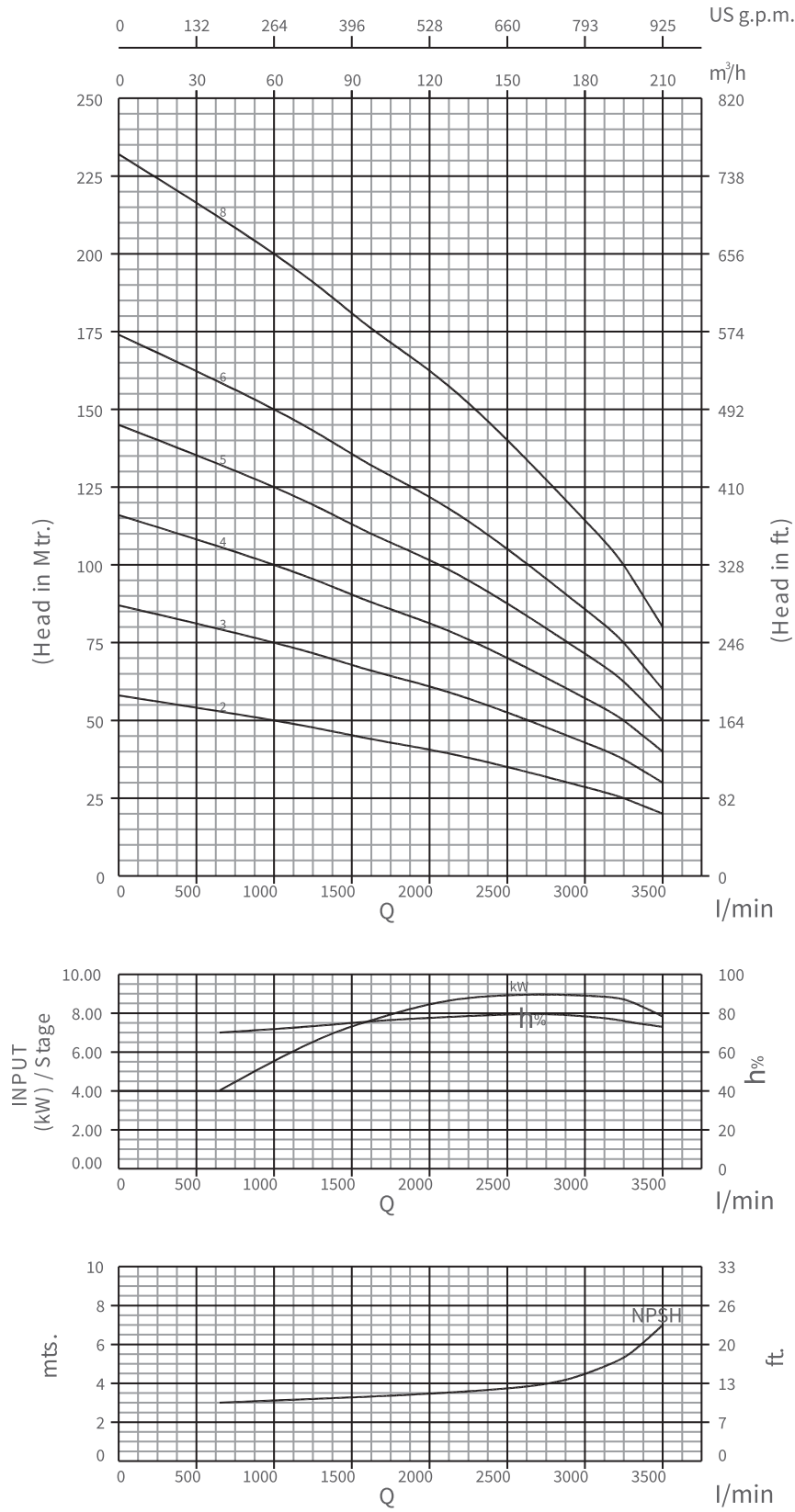
Model name	Specification			
	D	L	Weight (kg)	Weight (incl.pkg)[kg]
8MF 1000A-02	203	793	51.5	59.5
8MF 1000A-03	203	916	63.0	71.0
8MF 1000A-04	203	1046	74.0	82.0
8MF 1000A-05	203	1176	85.0	93.0
8MF 1000A-06	203	1306	96.5	104.5
8MF 1000A-07	203	1436	108.0	116.0
8MF 1000A-08	203	1566	119.5	127.5
8MF 1000A-09	203	1696	131.0	139.0
8MF 1000A-10	203	1826	142.5	150.5

*G:Available Outlet Size 4.0" & 5.0"
*D:With Cable Guard

8MF 1250, 50Hz

ISO 9906 Annexure A

Performance Chart



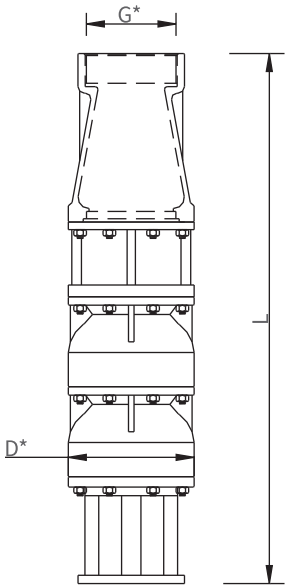
8MF 1250, 50Hz

ISO 9906 Annexure A

Model Name		Rating			Discharge									
Three Phase	Stage	kW	HP	l/min	0	650	1250	1600	2100	2650	2920	3200	3300	3500
				m³/h	0	39	75	96	126	159	175.2	192	198	210

Model Name	Stage	kW	HP	HEAD IN Mtrs.	58	53	48	44	40	33	30	26	24	20
					87	80	72	66	60	50	44	39	36	30
					116	106	96	88	80	66	59	52	48	40
					145	132	120	110	100	83	74	65	60	50
					174	159	144	132	120	100	89	78	72	60
					232	212	192	176	160	133	118	104	96	80

Dimensions & Weights



Model name	Specification			
	D	L	Weight (kg)	Weight (incl. pkg) [kg]
8MF 1250-02	207	812	56.5	64.5
8MF 1250-03	207	952	71.5	79.5
8MF 1250-04	207	1092	86.5	94.5
8MF 1250-05	207	1232	86.5	94.5
8MF 1250-06	207	1372	116.5	124.5
8MF 1250-08	207	1652	146.5	154.5

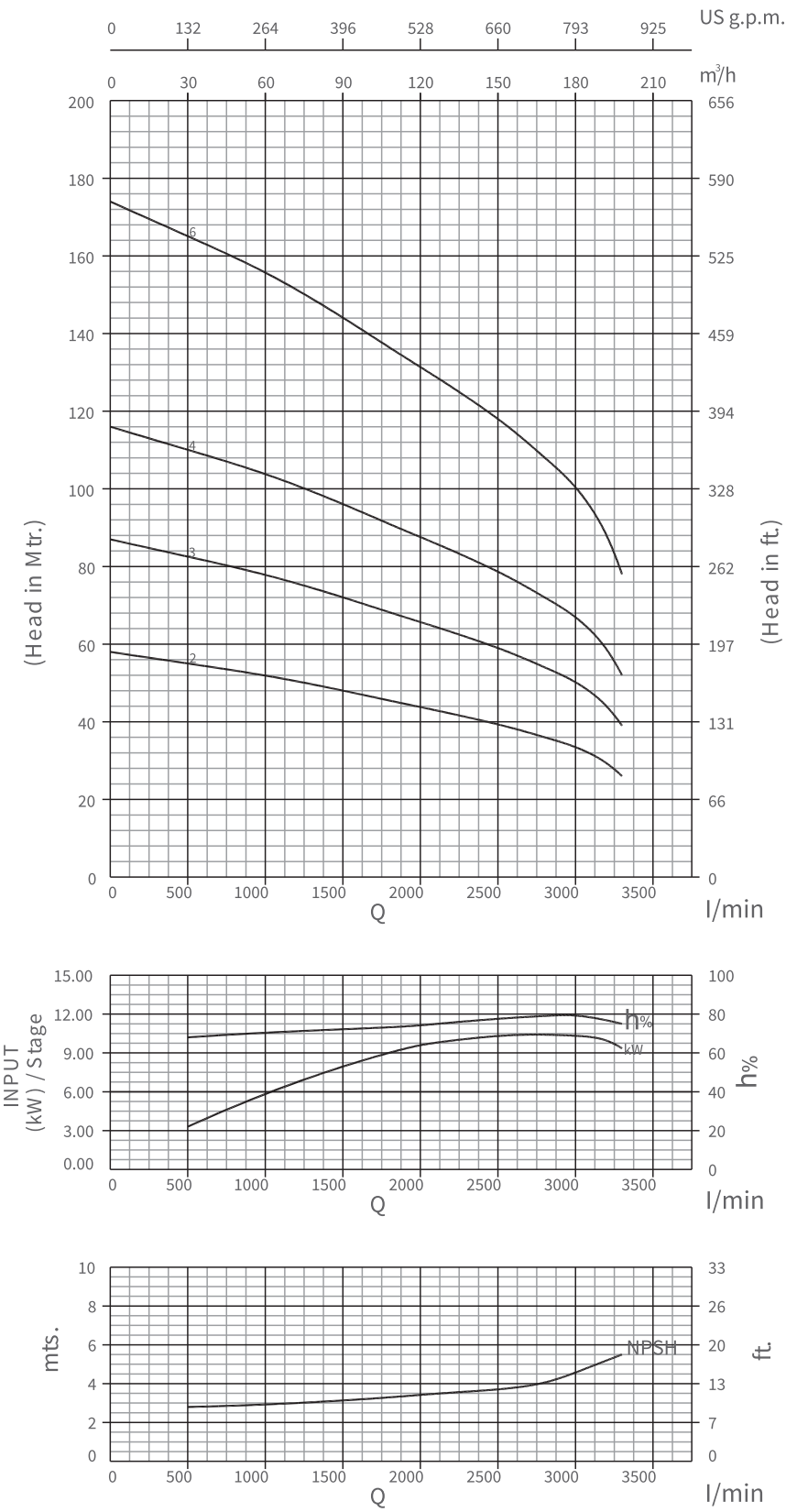
*G:Available Outlet Size 4.0" & 5.0"

*D:With Cable Guard

8MF 1500, 50Hz

ISO 9906 Annexure A

Performance Chart



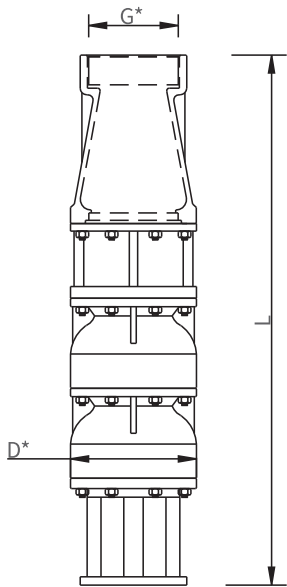
8MF 1500, 50Hz

ISO 9906 Annexure A

Model Name	Three Phase	Stage	Rating		l/min m ³ /h	Discharge									
			kW	HP		0	500	1050	1850	2100	2550	2800	2980	3200	3300

Model Name	Stage	kW	HP	HEAD IN Mtrs.	58	55	52	45	43	39	36	34	30	26
					87	82	78	68	64	58	54	51	45	39
					116	110	104	90	86	78	72	68	60	52
					174	165	156	135	129	117	108	102	90	78

Dimensions & Weights



Model name	Specification			Weight (incl.pkg)[kg]
	D	L	Weight (kg)	
8MF 1500-02	207	812	56.5	64.5
8MF 1500-03	207	952	71.5	79.5
8MF 1500-04	270	1092	86.5	94.5
8MF 1500-06	207	1372	116.5	124.5

*G:Available Outlet Size 4.0" & 5.0"
*D:With Cable Guard