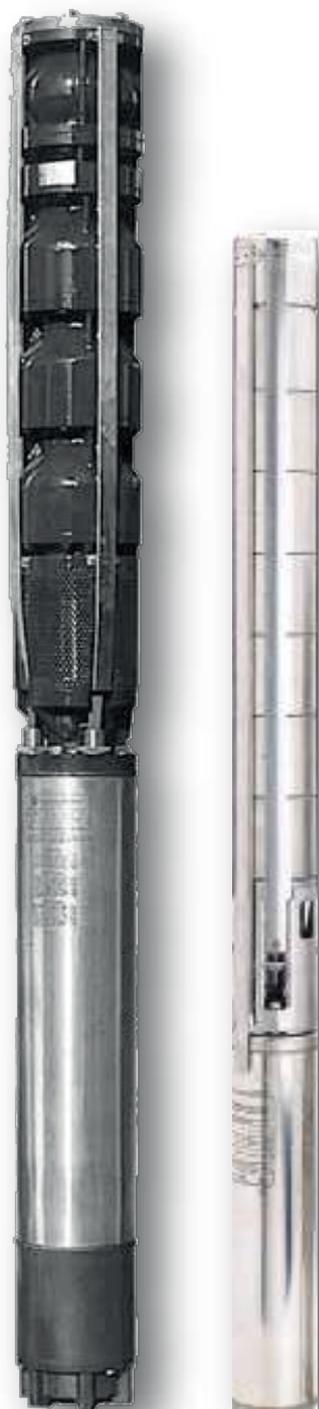


Fabricación y Proyectos de Ingeniería Hidráulica - Nuevas Tecnologías



ELECTROBOMBAS SUMERGIBLES

**SUMERSIBLE
PUMPS**

**ELECTROPOMPES
INMERGÉES**



■ **Aplicaciones:**

Bombas sumergibles para pozos de 6" mínimo, muy adecuadas para aplicaciones civiles o industriales, en riegos por aspersión, comunidades, urbanizaciones, etc...

■ **Características Constructivas:**

Bombas sumergibles con turbinas flotantes y difusores en Noryl. Cada elemento incorpora anillos de roce y cuerpo difusor en acero inoxidable.

Eje, camisa, manguito, cubrecable, rejilla aspiración aros y tornillos son en acero inoxidable.

Cuerpo de aspiración e impulsión en acero inoxidable.

Válvula de retención incorporada.

Máxima cantidad de arena: 60 g/m³

Límite temperatura agua: +10° C a + 40° C

■ **Motor:**

Posibilidad de montaje con motor FRANKLIN y con motor

••••

Para potencias de hasta 10 CV el motor es de 4". A partir de 10 CV los motores son de 6" y en todos los casos debe especificarse el voltaje requerido.

■ **Applications:**

Submersible pumps for 6" wells minimum, highly suitable for civil and industrial installations, in aspersión irrigation, communities, housing estates, etc.

■ **Construction:**

Submersible pumps with floating impellers and diffusers in Noryl. Each element includes contact rings and diffuser body in stainless steel.

Shaft, cladding, sleeve, cable cover, suction grille, rings and bolts in stainless steel.

Suction and drive body in stainless steel. Built-in stainless steel retention valve.

Maximum amount of sand: 60 g/m³

Maximum water temperature: + 10° C to + 40° C.

■ **Motor:**

Possibility to install with FRANKLIN or with **FC** motor.

For powers of up to 10 HP, the motor is 4". From 10 HP, the motors are 6" and, in all cases, must adapt to the required voltage.

Tipo Type	Potencia		"A"		Caudal m³/h / Flow m³/h								Ø Motor	Longitud Lenght
	HP	KW	III 230	III 400	0	7,2	8,4	10,6	12	13,2	15	18		
					Altura m.c.a. / Height w.c.m.									
AS 6/75-6	5,5	4	16,4	9,5	90	83	80	72	67	62	51	30	4"	1161
AS 6/75-9	7,5	5,5	22,1	12,8	135	127	119	108	100	92	78	45		1389
AS 6/75-12	10	7,5	28,2	16,3	183	173	164	149	140	130	110	66	6"	1466
AS 6/75-15	12,5	9,2	36,4	21	230	210	204	186	175	160	136	80		1612
AS 6/75-18	15	11	41,5	24	276	250	235	220	207	190	160	96		1759
AS 6/75-24	20	15	55	32	368	335	322	290	272	250	214	130		2052

Ø impulsión: 3" - Outlet Ø : 3 "

Tipo Type	Potencia		"A"		Caudal m³/h / Flow m³/h								Ø Motor	Longitud Lenght
	HP	KW	III 230	III 400	0	3	6	12	18	24	30	36		
					Altura m.c.a. / Height w.c.m.									
AS 6/135-4	5,5	4	16,4	9,5	55	53	51	47	40	32	22	10	4"	1161
AS 6/135-6	7,5	5,5	22,1	12,8	85	81	76	70	62	50	33	15		1389
AS 6/135-8	10	7,5	28,2	16,3	117	112	108	96	87	70	50	25	6"	1466
AS 6/135-10	12,5	9,2	36,4	21	150	143	135	120	100	93	60	32		1612
AS 6/135-12	15	11	41,5	24	175	168	161	147	130	107	73	38		1759
AS 6/135-16	20	15	55	32	235	225	215	195	175	143	100	50		2052
AS 6/135-20	25	18,5	69,2	40	294	282	270	245	216	180	125	67		2397
AS 6/135-24	30	22	81,2	47	350	337	325	297	265	221	151	80		2690

Ø impulsión: 3" - Outlet Ø : 3 "

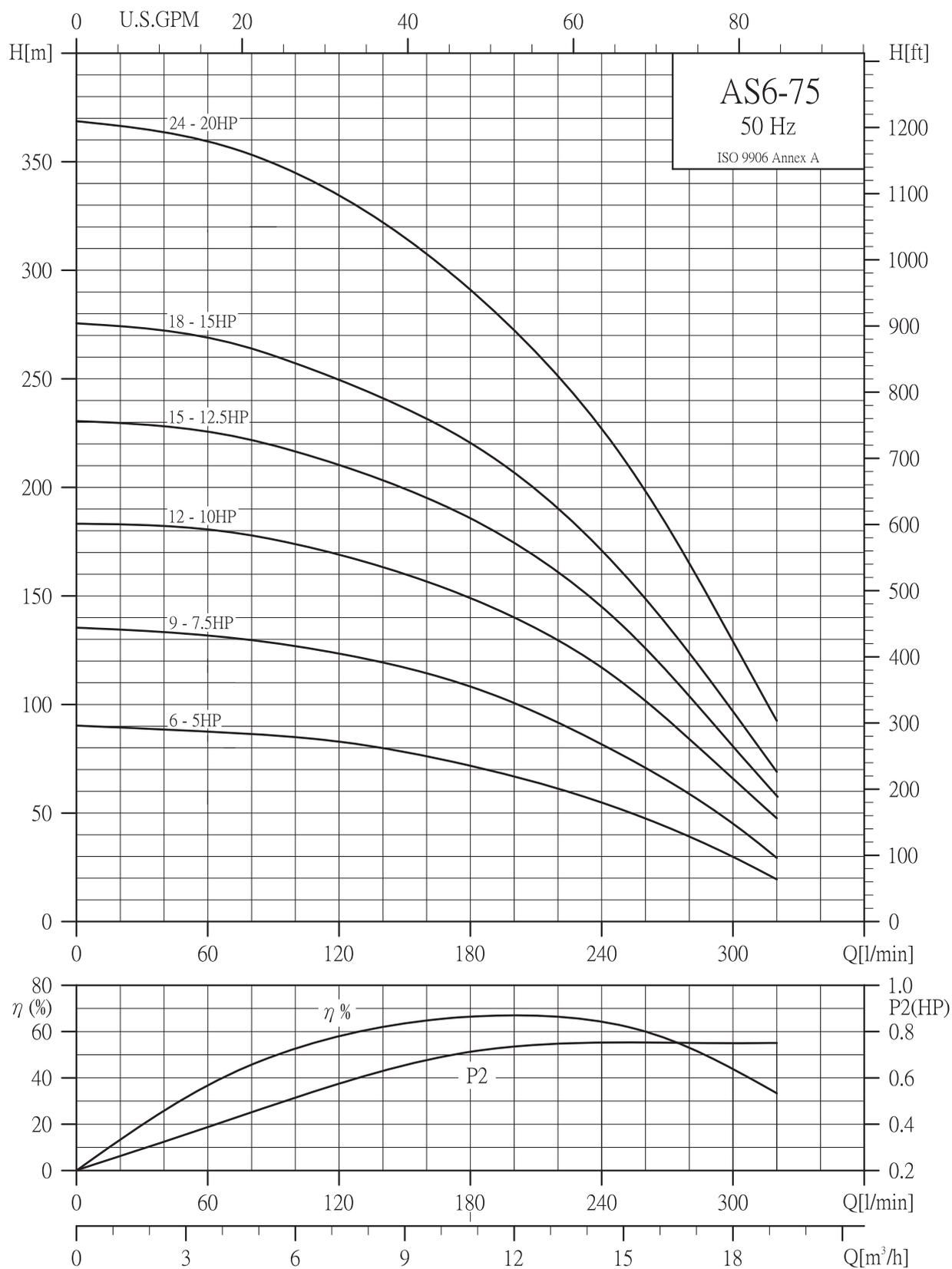
Tipo Type	Potencia		"A"		Caudal m³/h / Flow m³/h								Ø Motor	Longitud Lenght
	HP	KW	III 230	III 400	0	6	12	18	24	36	42	48		
					Altura m.c.a. / Height w.c.m.									
AS 6/180-3	5,5	4	16,4	9,5	45	43	40	38	35	24	16	8	4"	1113
AS 6/180-4	7,5	5,5	22,1	12,8	60	57	53	50	46	31	21	11		1287
AS 6/180-5	10	7,5	28,2	16,3	76	72	68	64	59	41	33	14	6"	1310
AS 6/180-6	12,5	9,2	36,4	21	91	87	83	78	72	50	34	17		1402
AS 6/180-8	15	11	41,5	24	121	115	109	103	96	67	47	26		1555
AS 6/180-10	20	15	55	32	152	145	137	130	123	87	61	35		1740
AS 6/180-13	25	18,5	69,2	40	197	189	180	168	155	110	75	40		1985
AS 6/180-15	30	22	81,2	47	227	214	200	190	180	128	89	50		2170

Ø impulsión: 3" - Outlet Ø : 3 "

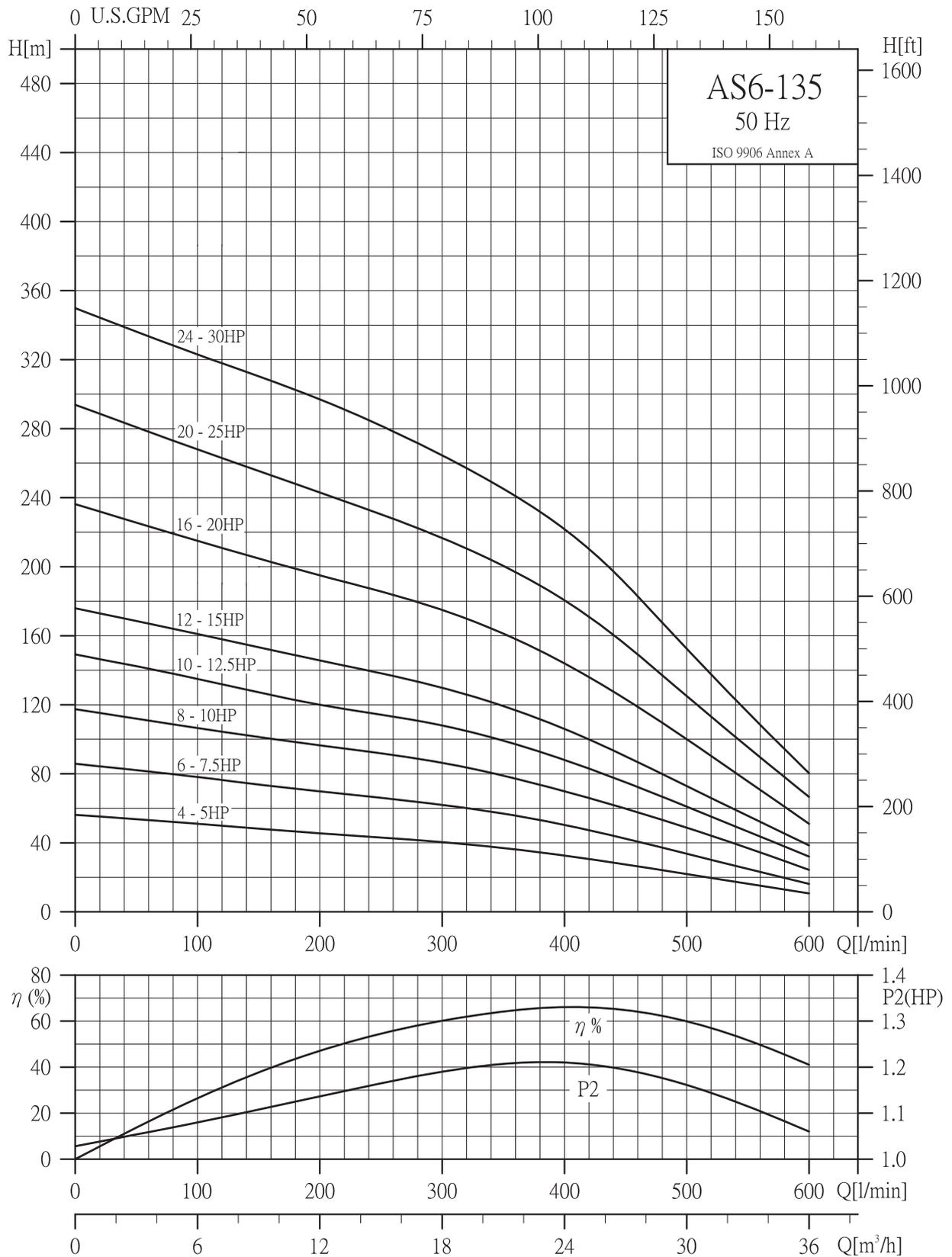
Tipo Type	Potencia		"A"		Caudal m³/h / Flow m³/h								Ø Motor	Longitud Lenght
	HP	KW	III 230	III 400	0	8	16	24	30	42	52	60		
					Altura m.c.a. / Height w.c.m.									
AS 6/220-3	7,5	5,5	22,1	12,8	37	36	35	32	28	20	14	7	4"	1227
AS 6/220-4	10	7,5	28,2	16,3	50	49	47	43	38	27	25	12		1250
AS 6/220-5	12,5	9,2	36,4	21	63	62	61	56	51	37	27	18	6"	1342
AS 6/220-6	15	11	41,5	24	75	73	71	65	59	44	33	21		1435
AS 6/220-9	20	15	55	32	114	112	110	100	89	66	50	33		1680
AS 6/220-11	25	18,5	69,2	40	139	136	132	121	110	80	61	41		1865
AS 6/220-14	30	22	81,2	47	176	172	167	153	138	101	78	54		2110

Ø impulsión: 3" - Outlet Ø : 3 "

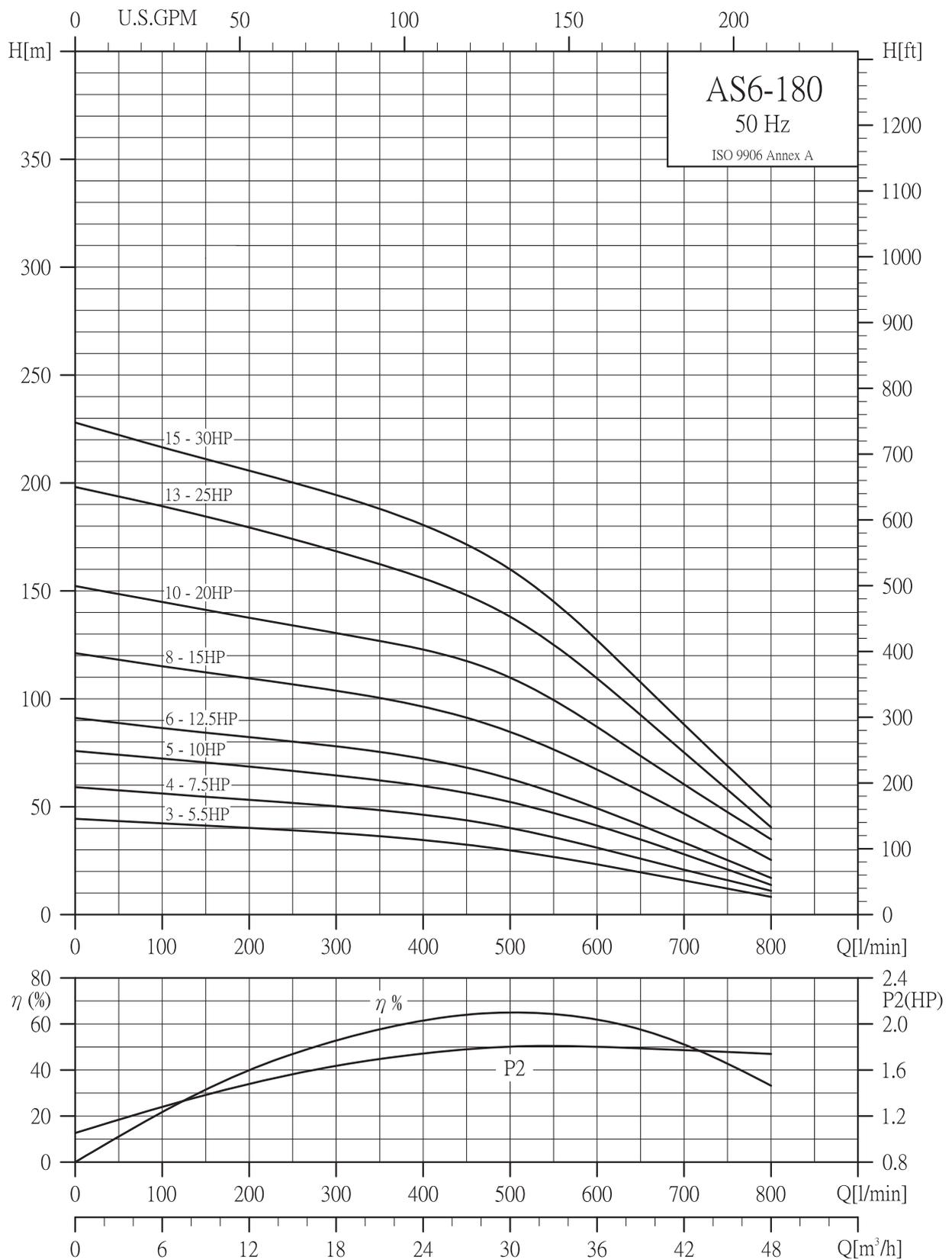
Performance Curves



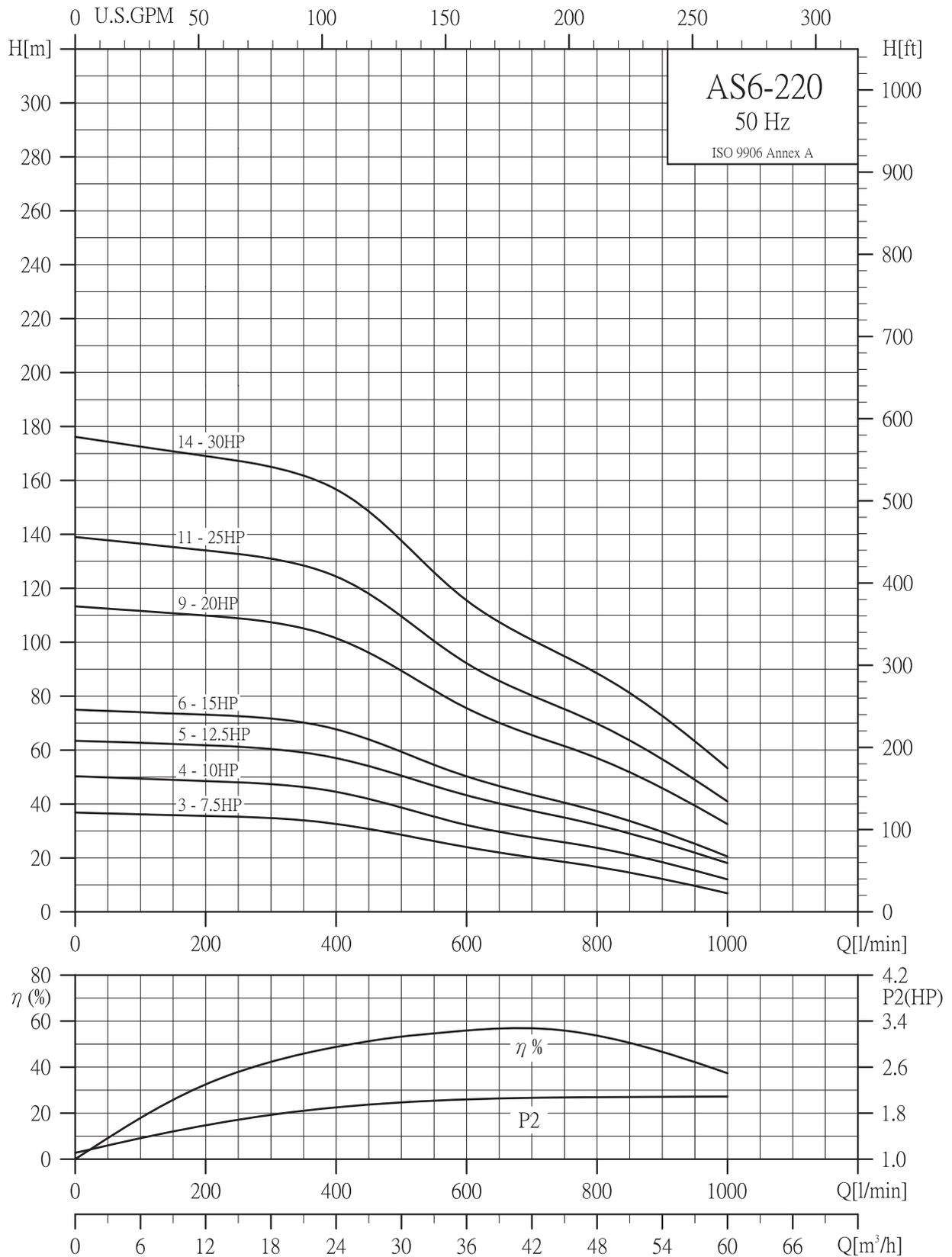
Performance Curves



Performance Curves



Performance Curves



■ Aplicaciones:

Bombas sumergibles de 4" multiturbinas de elevado rendimiento hidráulico, especialmente indicadas para la elevación, distribución y presurización en instalaciones hidráulicas civiles e industriales. Montaje en equipos de presión, cisternas, sistemas de riego, de lavado, etc....

■ Características Constructivas:

Bombas sumergibles con turbinas, difusores, camisa, cuerpo aspiración, cuerpo impulsión, cubrecables, rejilla de aspiración y tornillos en acero inoxidable **AISI-304**.

Válvula de retención de acero inoxidable incorporada.

Casquillos guías en goma especial resistentes a la abrasión.

Turbinas equilibradas estáticamente y dinámicamente.

Máximo contenido en arena 50 gr/m³.

Límite de temp. del líquido:

+15° C a + 40° C.

■ Motor:

Podemos escoger entre dos tipos de motor:

Motor FRANKLIN que cumple con la normativa DIN e ISO y cuyas características principales son: Estator hermético en acero inoxidable, acoplamiento internacional tipo NEMA, no necesita mantenimiento y están lubricados por agua.

Motor FC que cumple con la normativa DIN e ISO y cuyas características principales son: Estator en acero inoxidable en baño de aceite atóxico, acoplamiento internacional tipo NEMA, no necesita mantenimiento.

Temperatura máxima del agua: + 40° C



■ Applications:

4" submersible pumps with multiple turbines with a high hydraulic yield, especially recommended for elevation, distribution and pressurisation in civil and industrial hydraulic installations. Assembly in pressure units, cisterns, irrigation, washing systems, etc.

■ Construction:

Impellers, difusors, inlet and outlet body, completely manufactured in stainless steel AISI-304. Guide ring in rubber resistant against abrasion. Static and dynamic balanced impellers. Maximum content of sand in water 50 gr./ m³.

■ Motor:

We can choose between two types of motors:

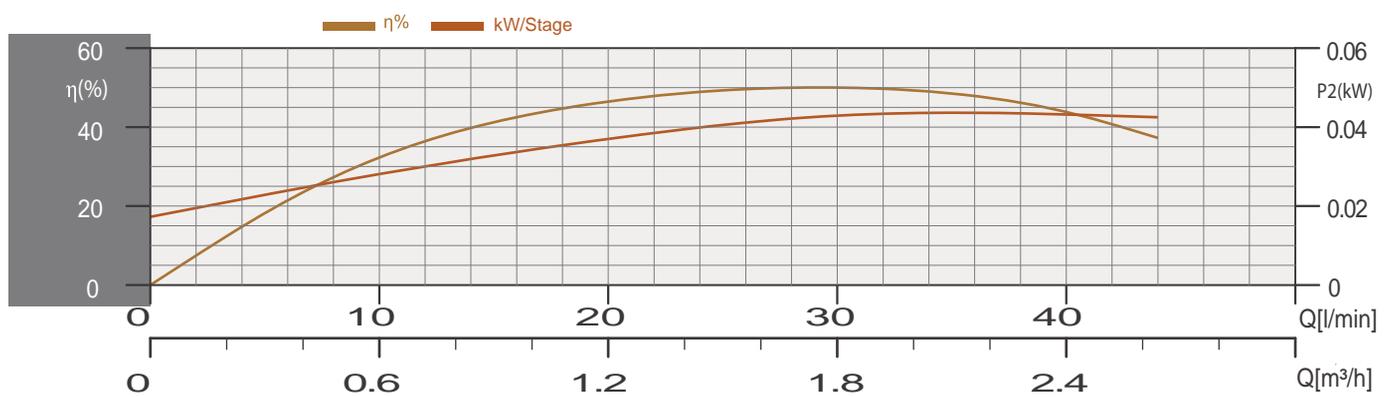
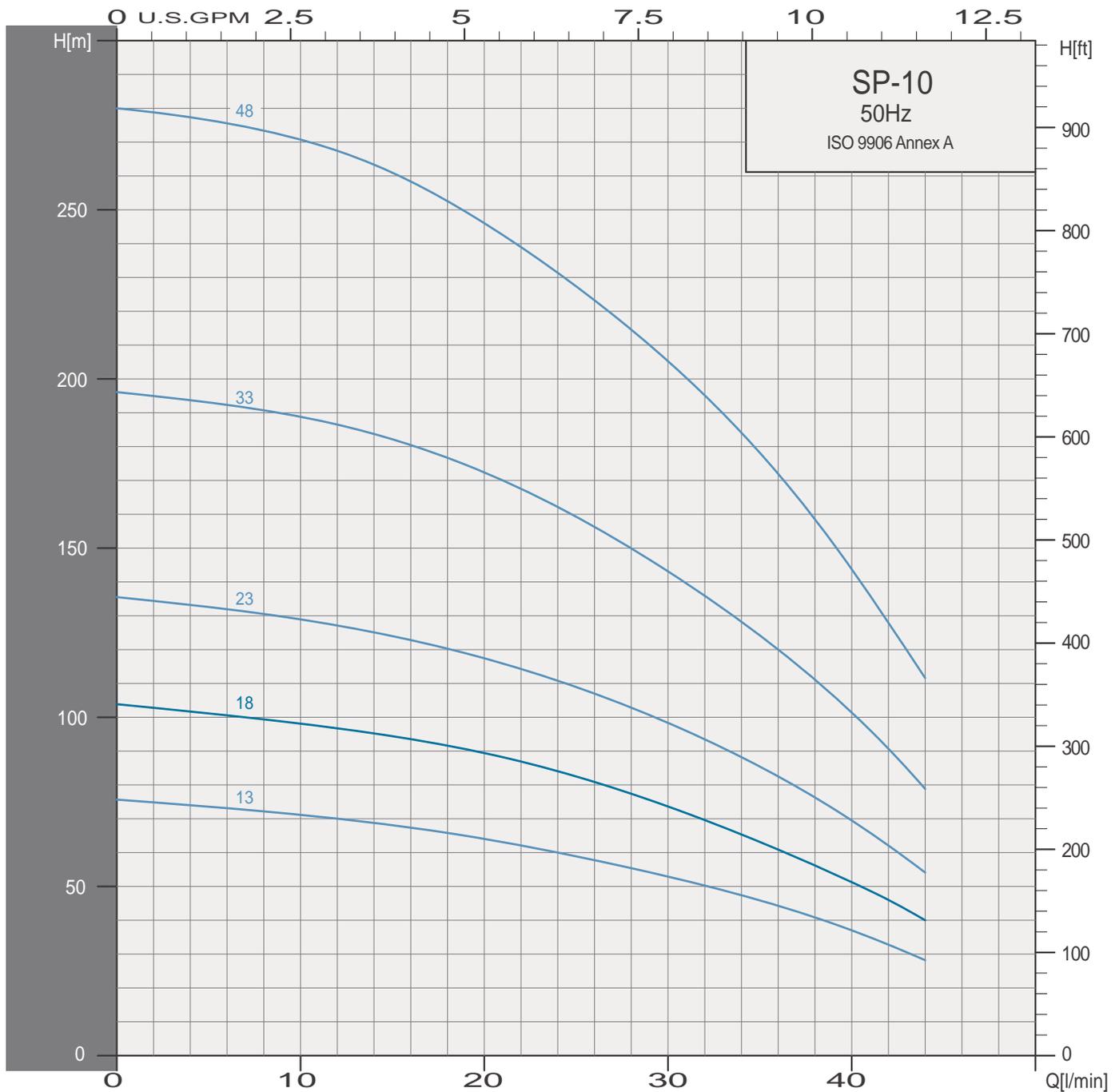
FRANKLIN motor complying with DIN and ISO standards with the following main features: Hermetic stator in stainless steel, international NEMA coupling, no need for maintenance, water lubricated.

FC motor complying with DIN and ISO standards with the following main features: Stator in stainless steel, international NEMA coupling, no need for maintenance, atoxic oil lubricated.

Maximum water temperature: + 40° C.

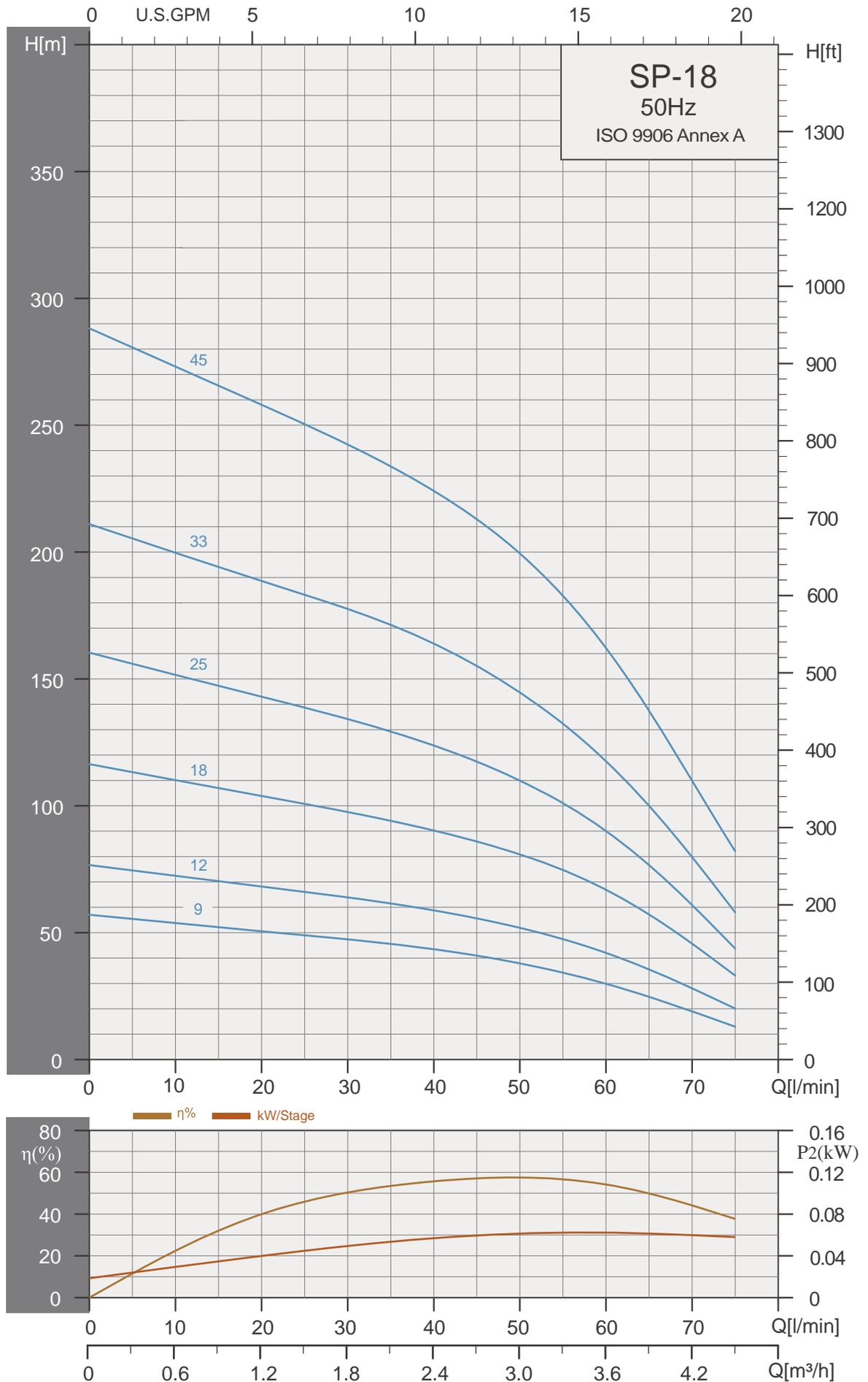
SP 4"

SP10 Performance Curves



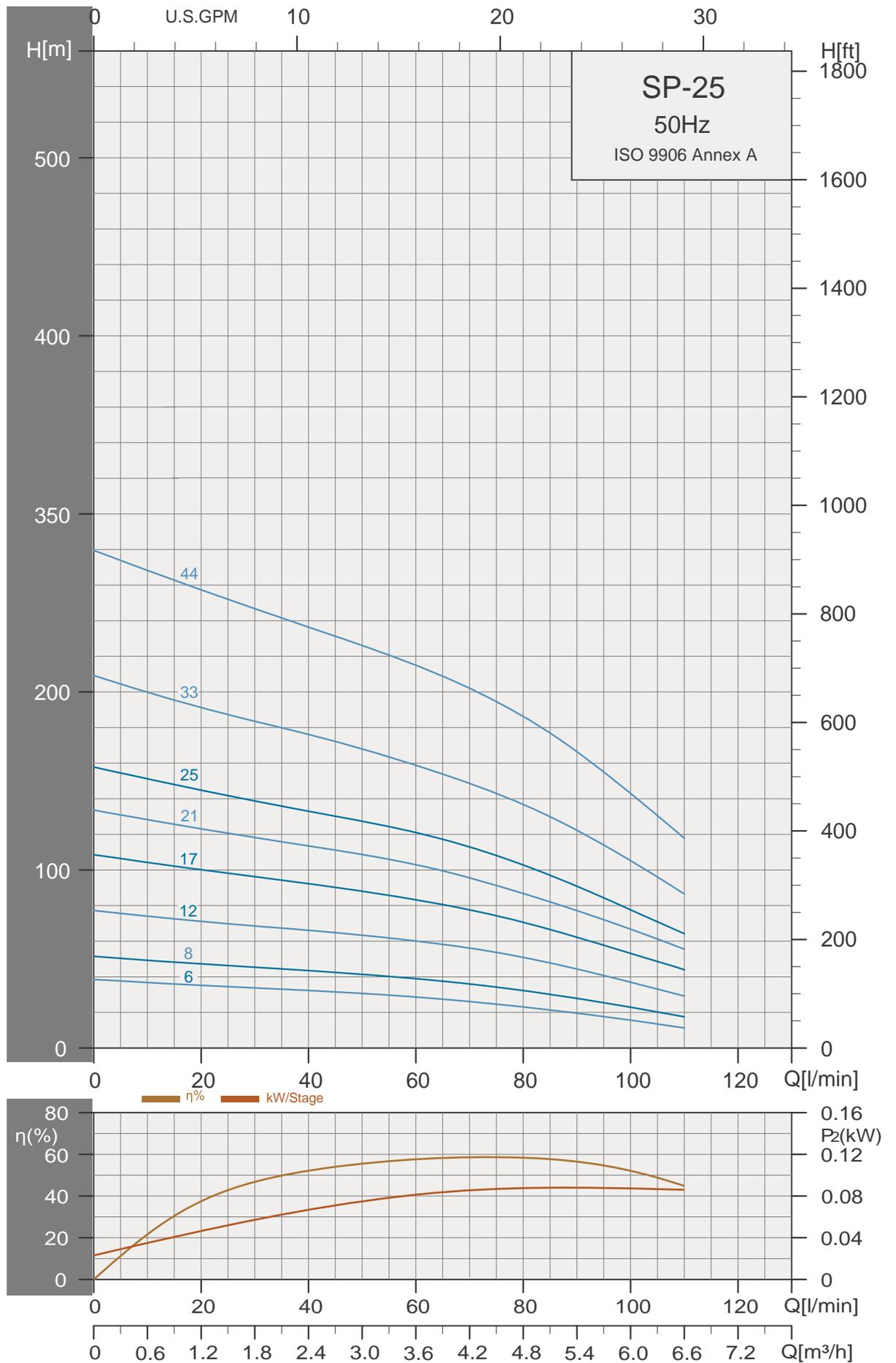
SP 4"

SP18 Performance Curves



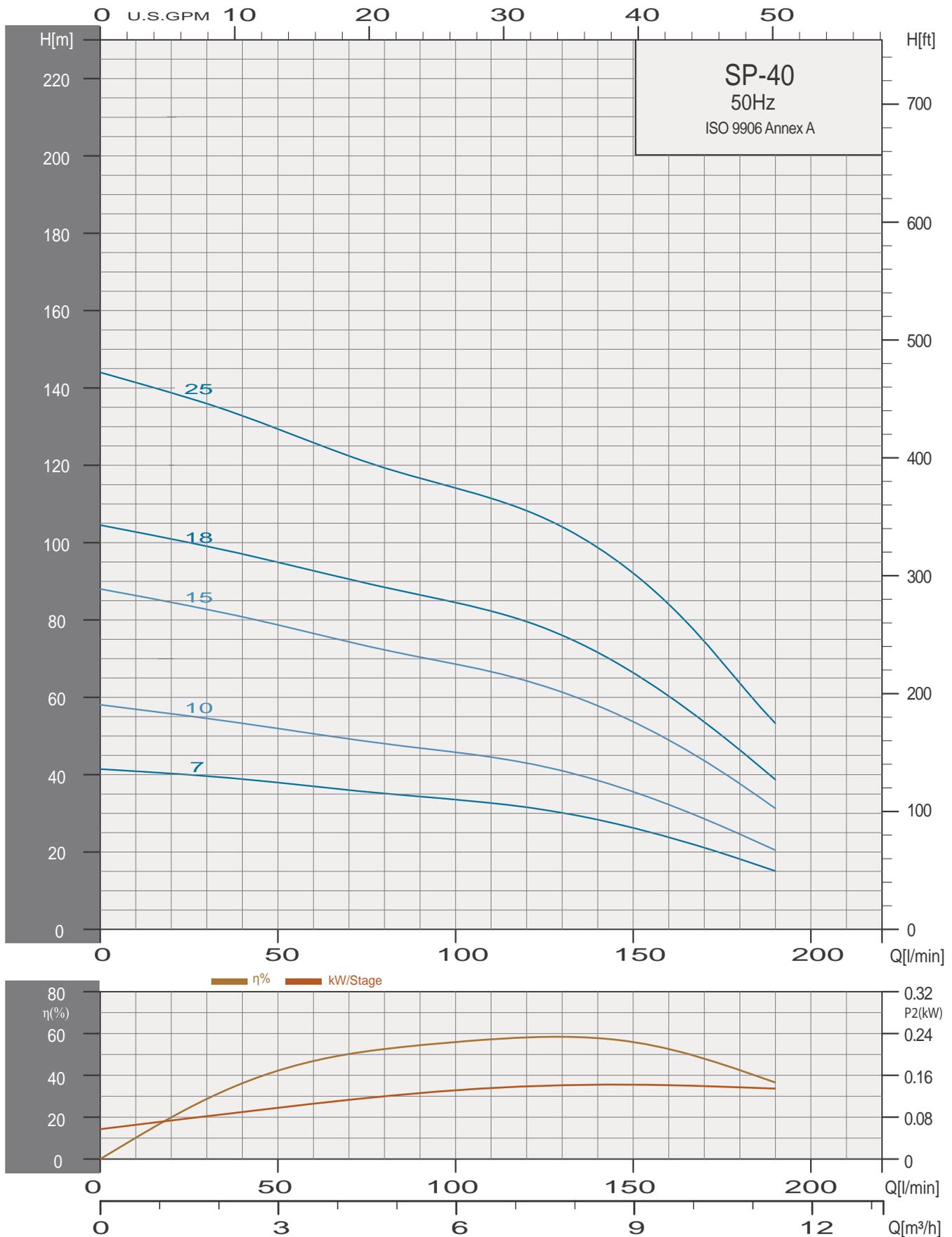
SP 4"

SP25 Performance Curves



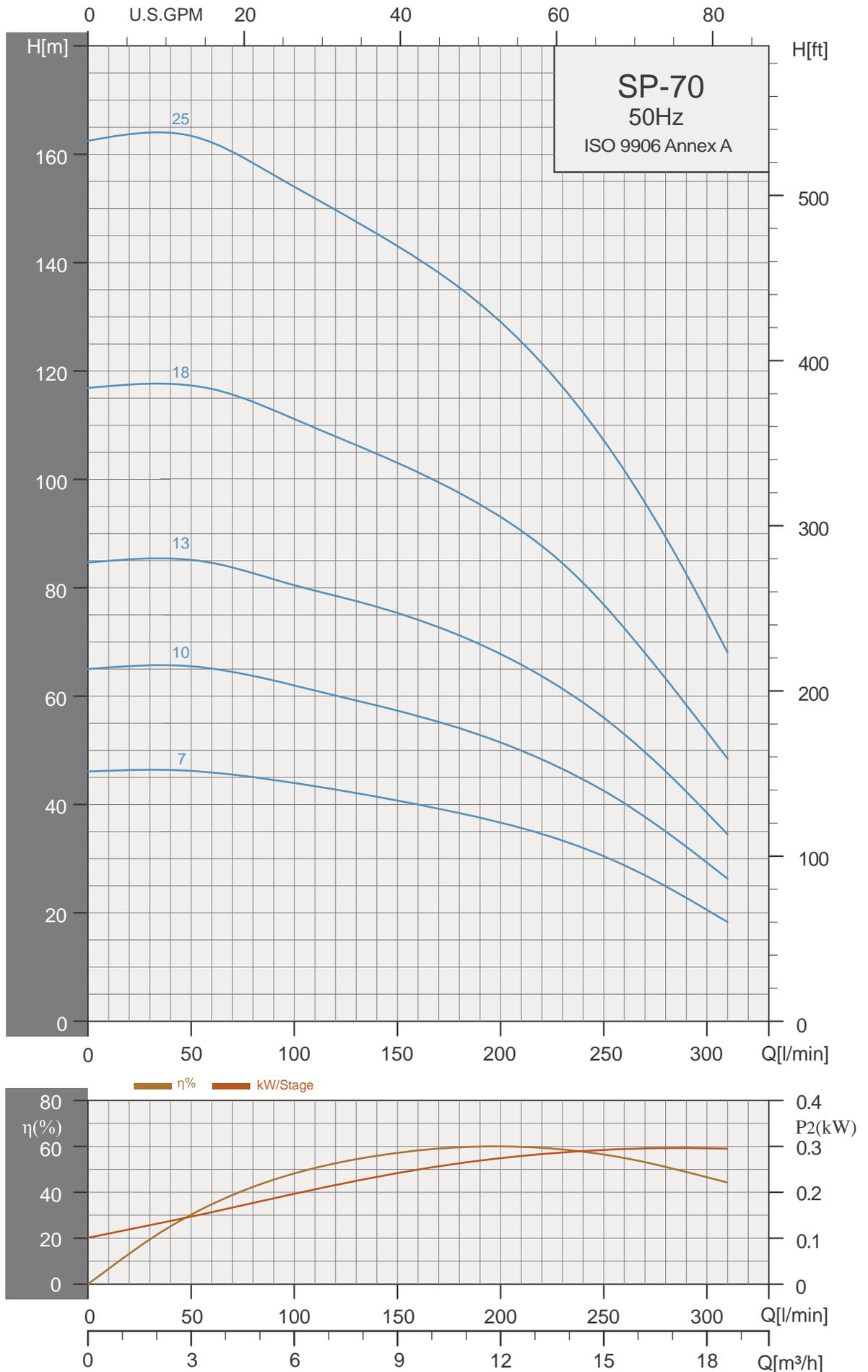
SP 4"

SP40 Performance Curves



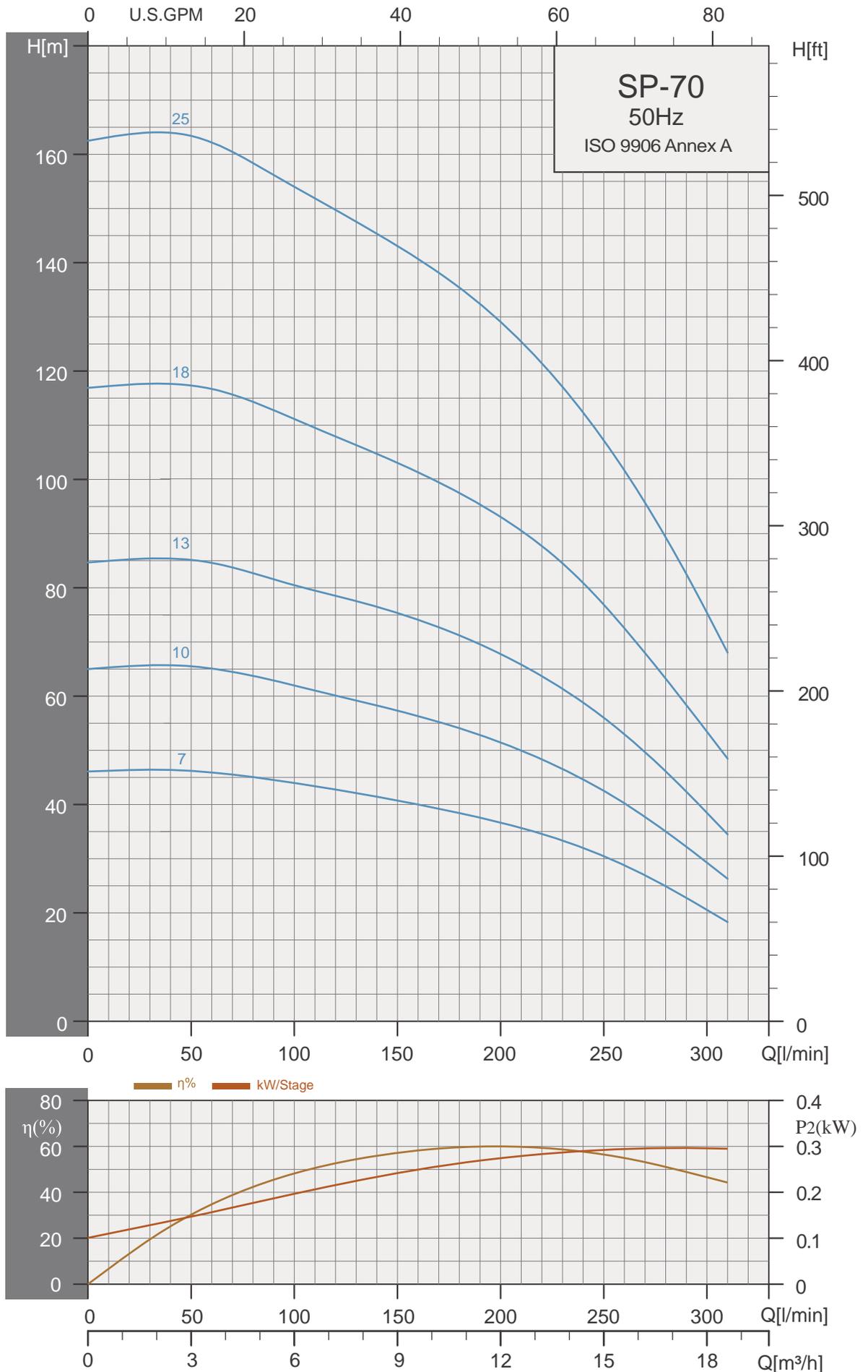
SP 4"

SP70 Performance Curves



SP 4"

SP70 Performance Curves



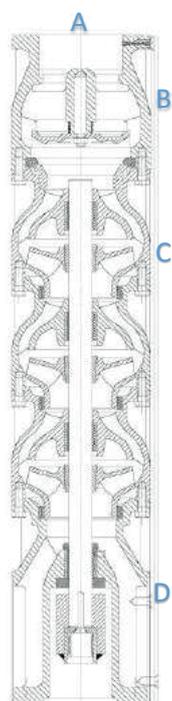
Submersible Turbine Pumps

6'' 7'' 8'' 10''



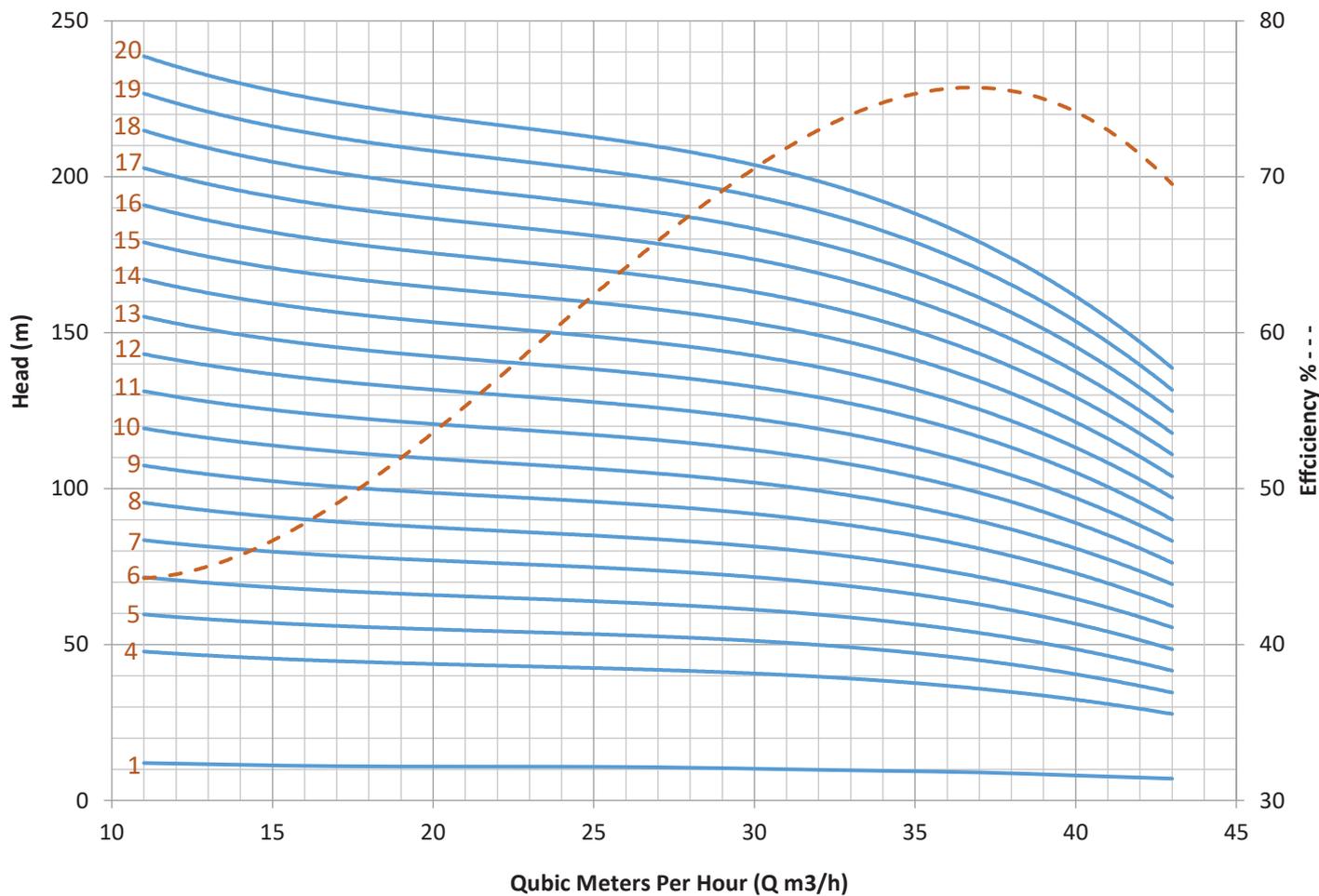
Standard materials of submersible turbine pumps are : Cast iron bowls (GG25) , Bronze Impellers (C23000) and stainless steel shaft, but we can also provide to our customers the ability to choose the materials. We produce also totally bronze or stainless steel pumps.

Pump Type	Number of Stages	Motor Power		CAPACITY									
		Hp	Kw	m3/h	11	17	25	28	31	34	37	40	43
				L/min	183	282	415	465	515	564	615	665	714
6MB-A	1			Total Head (meters)	12	11	10,8	10,5	10	9,5	9	8	7
6MB-A	4	7,5	5,6		48	44	43	42	40	38	36	32	28
6MB-A	5	10,0	7,5		60	55	54	53	50	48	45	40	35
6MB-A	6	12,5	9,3		72	66	65	63	60	57	54	48	42
6MB-A	7	15,0	11,2		84	77	76	74	70	67	63	56	49
6MB-A	8	17,5	13,0		96	88	86	84	80	76	72	64	56
6MB-A	9	17,5	13,0		108	99	97	95	90	86	81	72	63
6MB-A	10	20,0	14,9		120	110	108	105	100	95	90	80	70
6MB-A	11	25,0	18,6		132	121	119	116	110	105	99	88	77
6MB-A	12	25,0	18,6		144	132	130	126	120	114	108	96	84
6MB-A	13	25,0	18,6		156	143	140	137	130	124	117	104	91
6MB-A	14	30,0	22,4		168	154	151	147	140	133	126	112	98
6MB-A	15	30,0	22,4		180	165	162	158	150	143	135	120	105
6MB-A	16	35,0	26,1		192	176	173	168	160	152	144	128	112
6MB-A	17	35,0	26,1		204	187	184	179	170	162	153	136	119
6MB-A	18	35,0	26,1		216	198	194	189	180	171	162	144	126
6MB-A	19	40,0	29,8		228	209	205	200	190	181	171	152	133
6MB-A	20	40,0	29,8		240	220	216	210	200	190	180	160	140
6MB-A	21	40,0	29,8		252	231	227	221	210	200	189	168	147
6MB-A	22	50,0	37,3		264	242	238	231	220	209	198	176	154
6MB-A	23	50,0	37,3		276	253	248	242	230	219	207	184	161
6MB-A	24	50,0	37,3		288	264	259	252	240	228	216	192	168
6MB-A	25	50,0	37,3		300	275	270	263	250	238	225	200	175

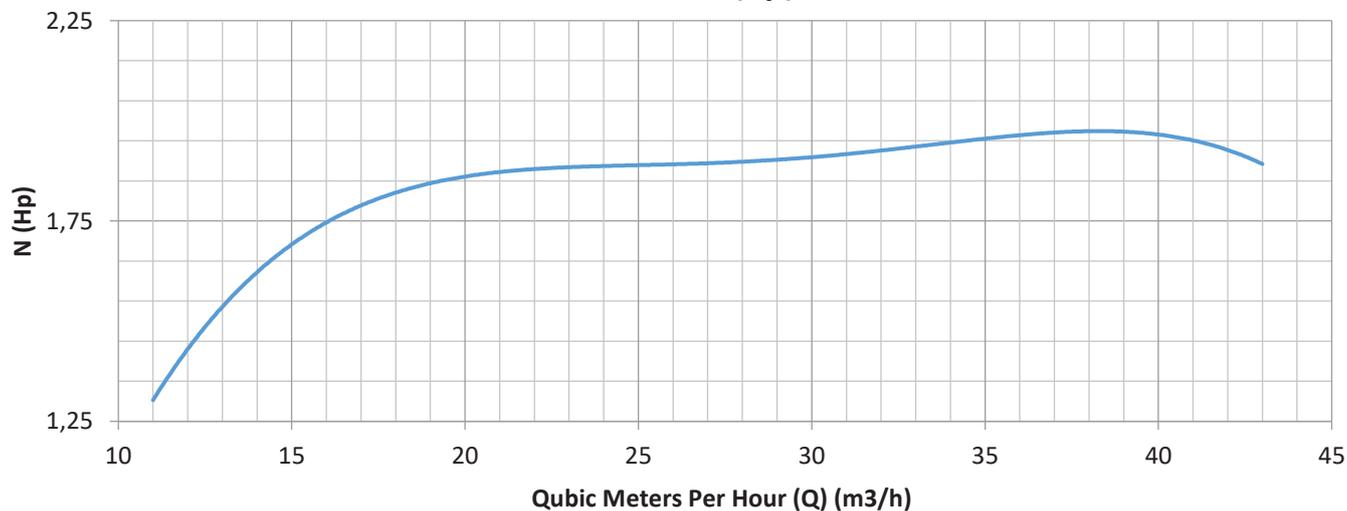


Component	L (mm)	Max. Diameter (mm)	Weight (Kg)
Top Bowl (B)	141	Ø 142	6.30
Mid Bowl (C)	112	Ø 142	4.20
Last Bowl (D)	201	Ø 142	6.65
Impeller	45	Ø 110	1.00
NOTES :	<ul style="list-style-type: none"> The max diameter does not include the motor cables and the protective cap that adds 8 mm . Bowls are made of GG21 – GG25 cast iron Impellers are made of bronze INOX 304 shaft INOX 304 bolts Discharge diameter 3'' (A) The pump can be manufactured by materials of customer choice at specific order 		

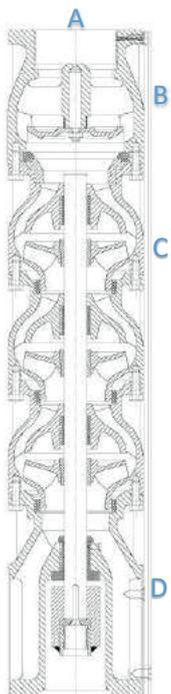
Performance Curve For 6-MB A



Brake Horse Power (hp) Vs Q (for one stage)



Pump Type	Number of Stages	Motor Power		CAPACITY									
		Hp	Kw	m3/h	20	25	30	35	40	45	50	55	60
				L/min	332	415	500	581	665	745	830	911	1000
6MB-B	1			Total Head (m)	13,2	12,7	12,2	11,7	11,2	10,2	9,2	8,2	6,2
6MB-B	4	10,0	7,5		53	51	49	47	45	41	37	33	25
6MB-B	5	12,5	9,3		66	64	61	59	56	51	46	41	31
6MB-B	6	15,0	11,2		79	76	73	70	67	61	55	49	37
6MB-B	7	17,5	13,0		92	89	85	82	78	71	64	57	43
6MB-B	8	20,0	14,9		106	102	98	94	90	82	74	66	50
6MB-B	9	25,0	18,6		119	114	110	105	101	92	83	74	56
6MB-B	10	25,0	18,6		132	127	122	117	112	102	92	82	62
6MB-B	11	30,0	22,4		145	140	134	129	123	112	101	90	68
6MB-B	12	30,0	22,4		158	152	146	140	134	122	110	98	74
6MB-B	13	35,0	26,1		172	165	159	152	146	133	120	107	81
6MB-B	14	35,0	26,1		185	178	171	164	157	143	129	115	87
6MB-B	15	40,0	29,8		198	191	183	176	168	153	138	123	93
6MB-B	16	40,0	29,8		211	203	195	187	179	163	147	131	99
6MB-B	17	50,0	37,3		224	216	207	199	190	173	156	139	105
6MB-B	18	50,0	37,3		238	229	220	211	202	184	166	148	112
6MB-B	19	50,0	37,3		251	241	232	222	213	194	175	156	118
6MB-B	20	60,0	44,7		264	254	244	234	224	204	184	164	124
6MB-B	21	60,0	44,7		277	267	256	246	235	214	193	172	130
6MB-B	22	60,0	44,7		290	279	268	257	246	224	202	180	136
6MB-B	23	60,0	44,7		304	292	281	269	258	235	212	189	143

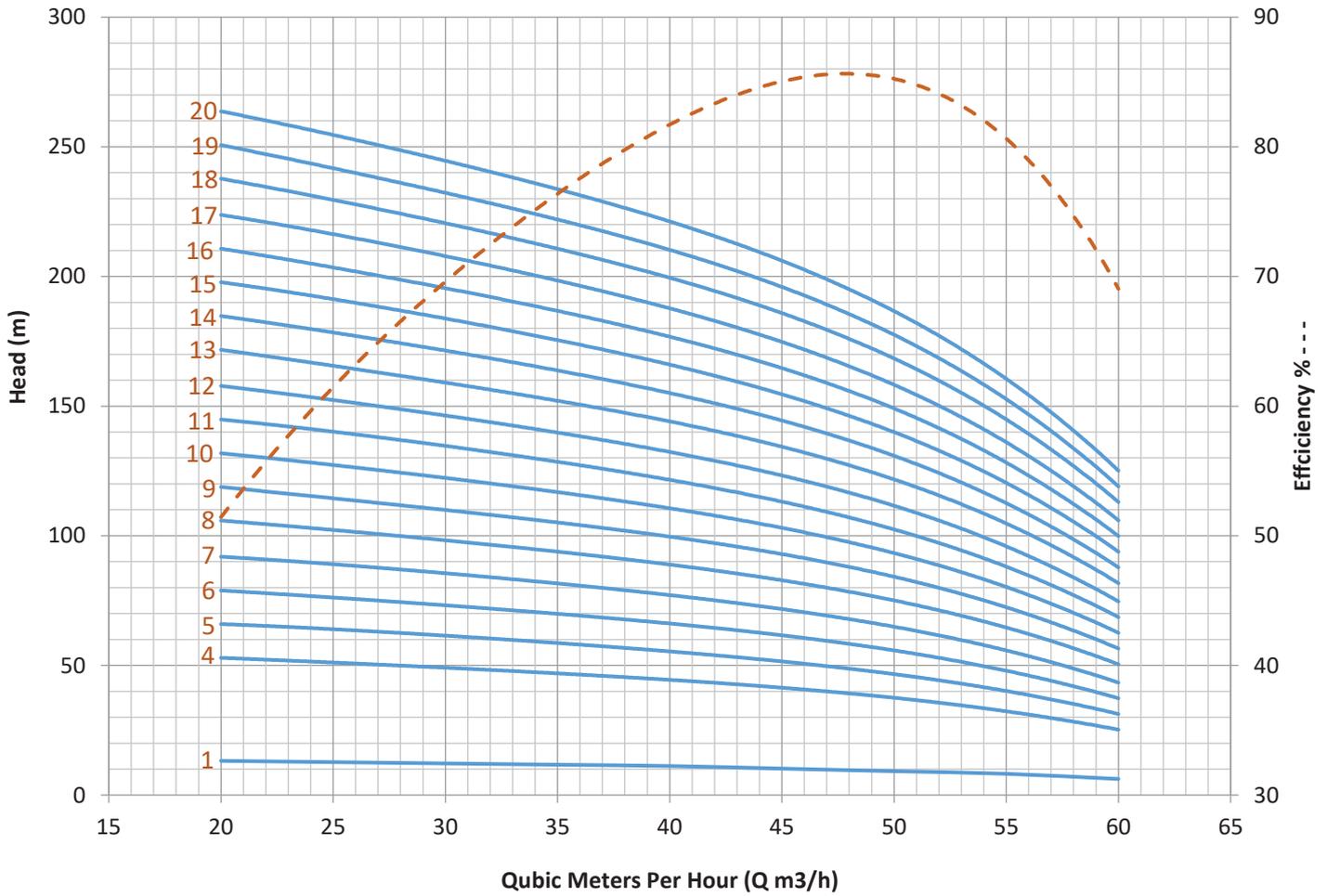


Component	L (mm)	Max. Diameter (mm)	Weight (Kg)
Top Bowl (B)	141	Ø 142	6.30
Mid Bowl (C)	112	Ø 142	4.20
Last Bowl (D)	201	Ø 142	6.65
Impeller	45	Ø 110	1.00

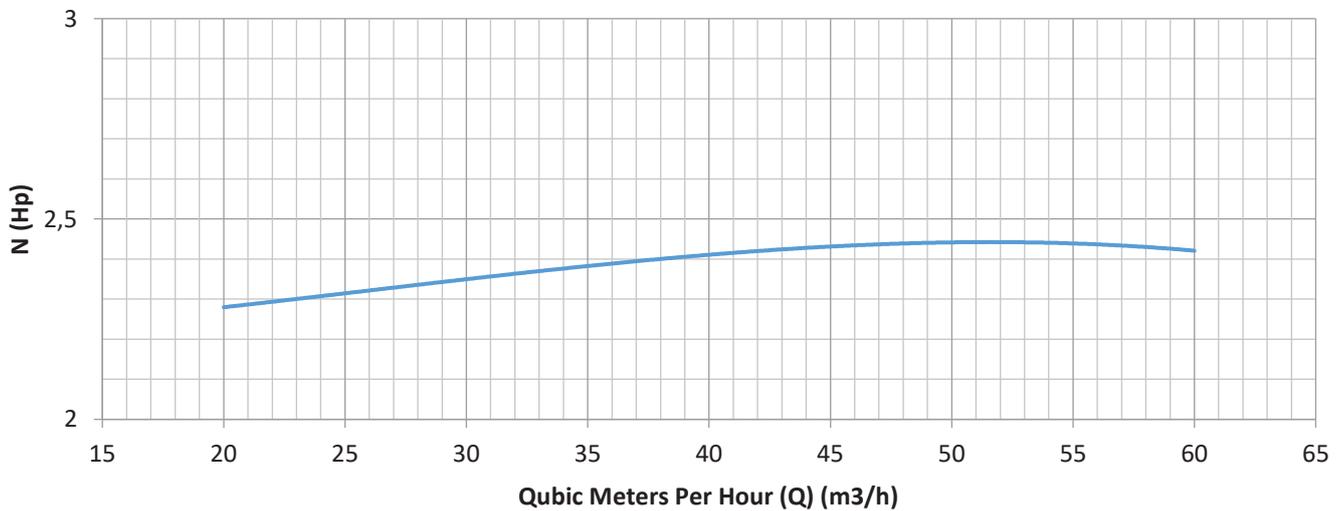
NOTES :

- The max diameter does not include the motor cables and the protective cap that adds 8 mm .
- Bowls are made of GG21 – GG25 cast iron
- Impellers are made of bronze
- INOX 304 shaft
- INOX 304 bolts
- Discharge diameter 3'' (A)
- The pump can be manufactured by materials of customer choice at specific order

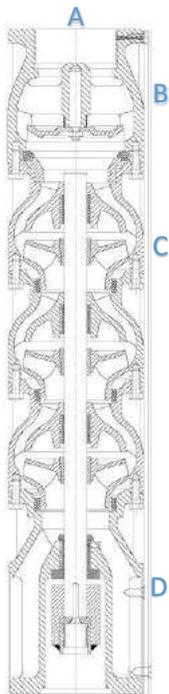
Performance Curve For 6-MB B



Brake Horse Power (hp) Vs Q (for one stage)

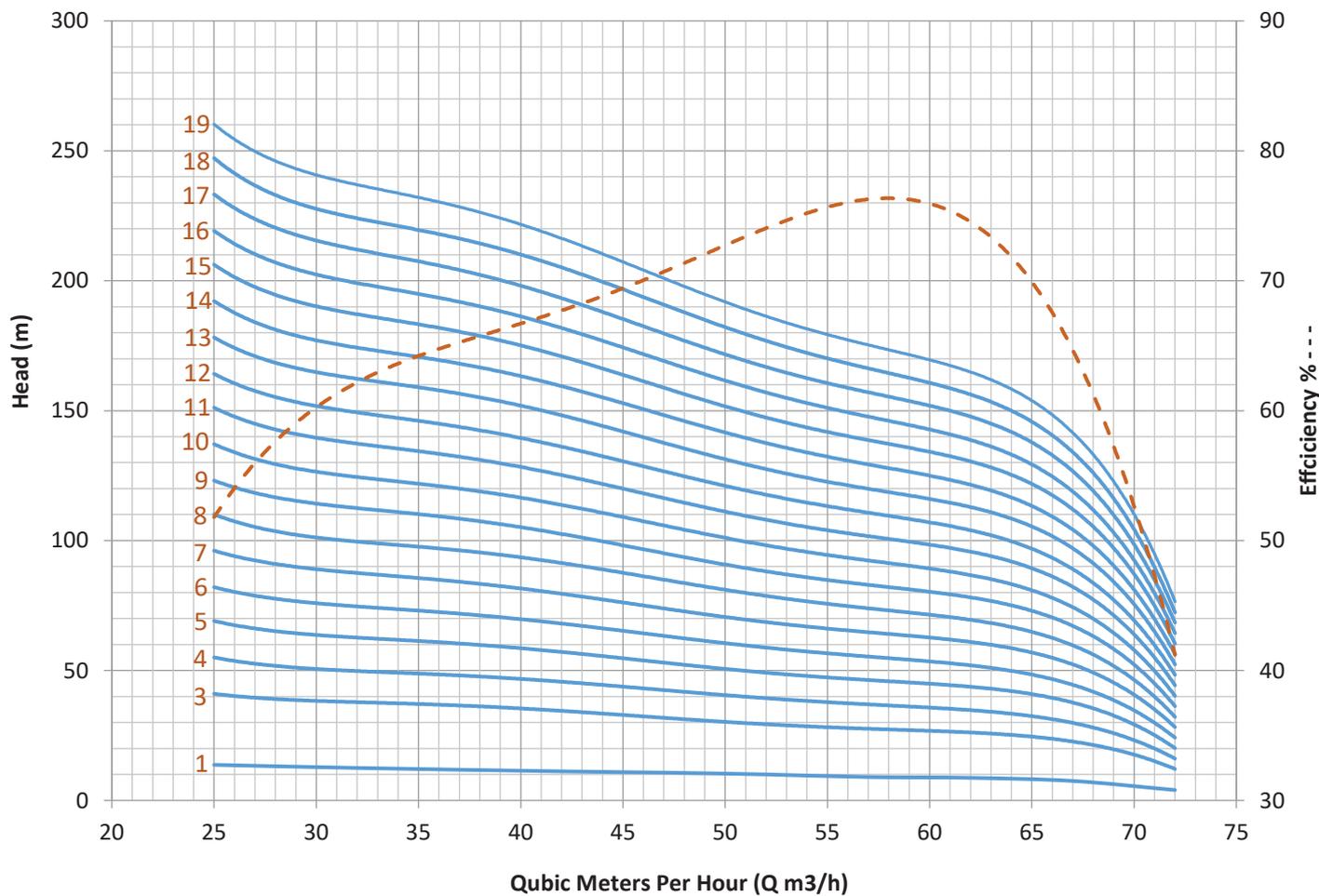


Pump Type	Number of Stages	Motor Power		CAPACITY									
		Hp	Kw	m3/h	25	32	42	47	52	57	62	67	72
				L/min	440	531	697	780	863	946	1030	1111	1120
				Total Head (m)	13,7	12,5	11,2	10,7	10	9	8,7	7,5	4
6MB-C	1				41	38	34	32	30	27	26	23	12
6MB-C	3	10	7,5		55	50	45	43	40	36	35	30	16
6MB-C	4	12,5	9,3		69	63	56	54	50	45	44	38	20
6MB-C	5	17,5	13,0		82	75	67	64	60	54	52	45	24
6MB-C	6	20,0	14,9		96	88	78	75	70	63	61	53	28
6MB-C	7	25,0	18,6		110	100	90	86	80	72	70	60	32
6MB-C	8	25,0	18,6		123	113	101	96	90	81	78	68	36
6MB-C	9	30,0	22,4		137	125	112	107	100	90	87	75	40
6MB-C	10	35,0	26,1		151	138	123	118	110	99	96	83	44
6MB-C	11	35,0	26,1		164	150	134	128	120	108	104	90	48
6MB-C	12	40,0	29,8		178	163	146	139	130	117	113	98	52
6MB-C	13	40,0	29,8		192	175	157	150	140	126	122	105	56
6MB-C	14	50,0	37,3		206	188	168	161	150	135	131	113	60
6MB-C	15	50,0	37,3		219	200	179	171	160	144	139	120	64
6MB-C	16	50,0	37,3		233	213	190	182	170	153	148	128	68
6MB-C	17	60,0	44,7		247	225	202	193	180	162	157	135	72
6MB-C	18	60,0	44,7		260	238	213	203	190	171	165	143	76
6MB-C	19	60,0	44,7										

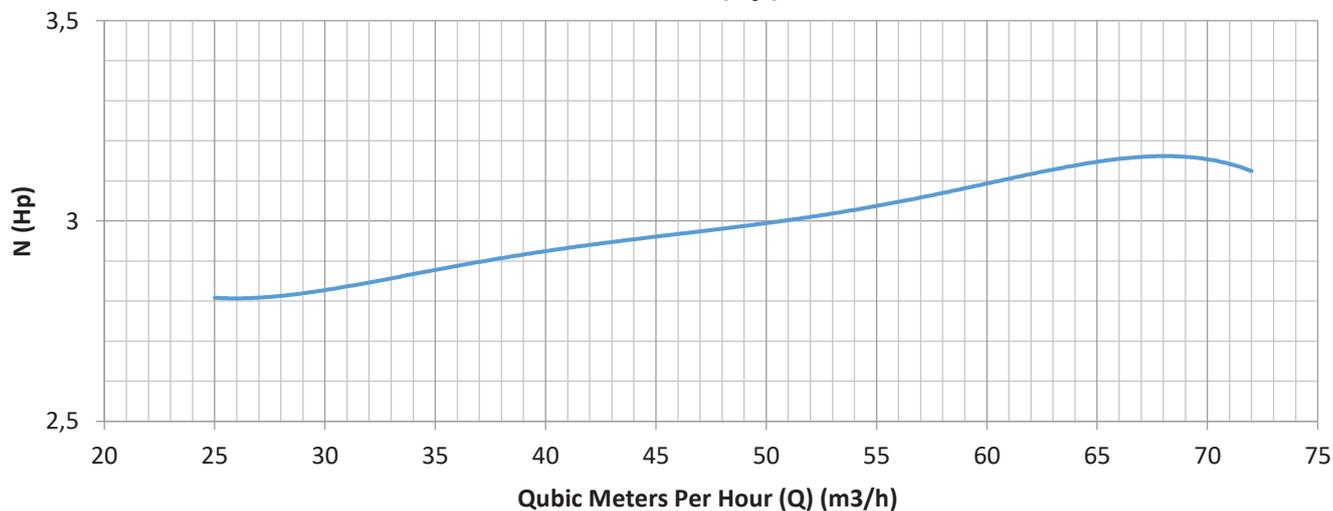


Component	L (mm)	Max. Diameter (mm)	Weight (Kg)
Top Bowl (B)	141	Ø 142	6.30
Mid Bowl (C)	112	Ø 142	4.20
Last Bowl (D)	201	Ø 142	6.65
Impeller	45	Ø 110	1.00
NOTES :	<ul style="list-style-type: none"> The max diameter does not include the motor cables and the protective cap that adds 8 mm . Bowls are made of GG21 – GG25 cast iron Impellers are made of bronze INOX 304 shaft INOX 304 bolts Discharge diameter 3'' (A) The pump can be manufactured by materials of customer choice at specific order 		

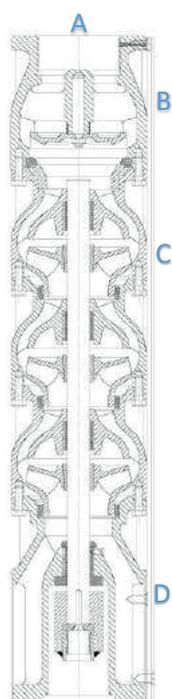
Performance Curve For 6-MB C



Brake Horse Power (hp) Vs Q (for one stage)

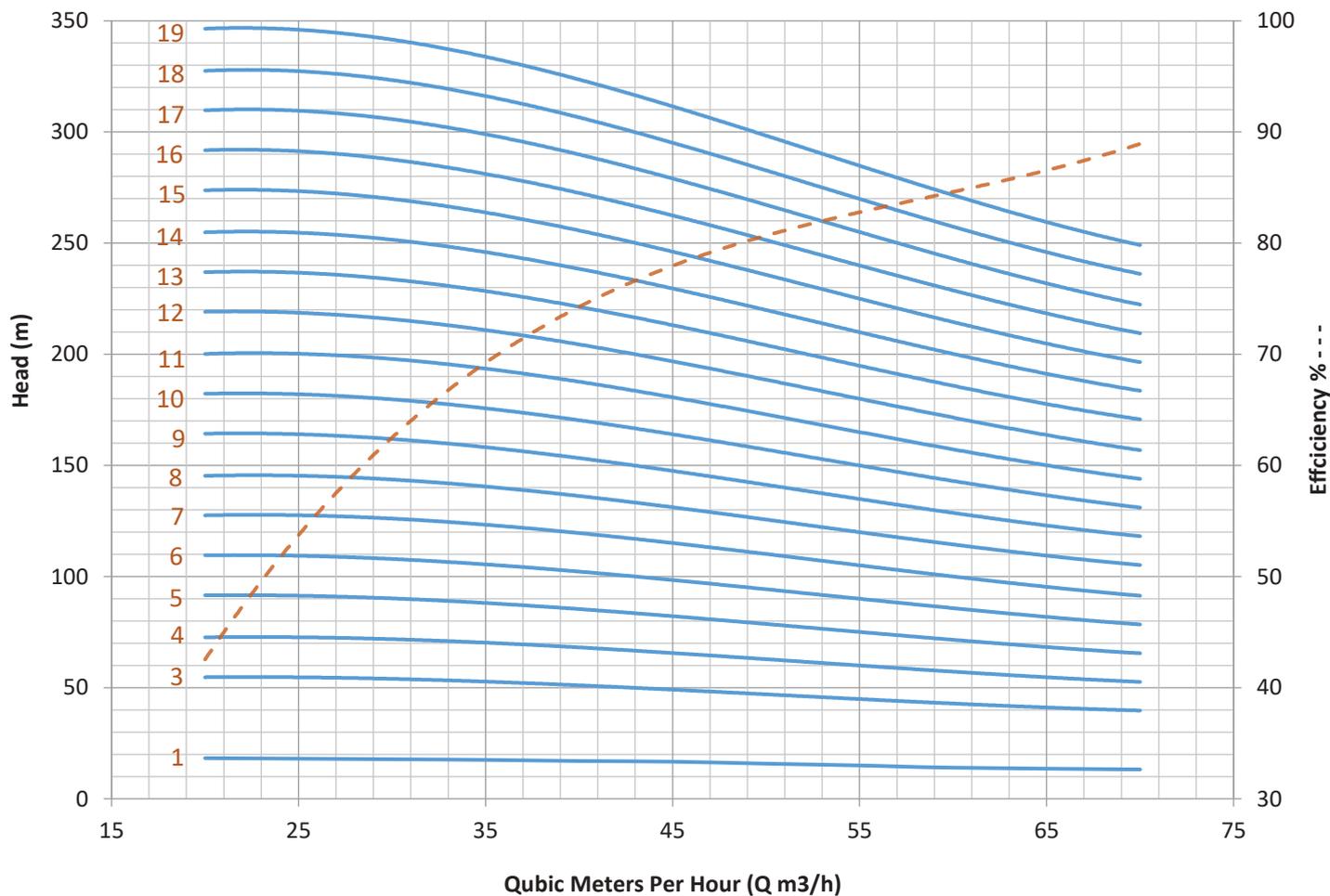


Pump Type	Number of Stages	Motor Power		CAPACITY									
		Hp	Kw	m3/h	20	30	35	40	45	50	55	60	70
				L/min	332	500	581	665	747	830	915	996	1162
7MB-A	1			Total Head (meters)	18,3	17,8	17,5	17	16,7	15,8	15	14	13,2
7MB-A	3	0	0,0		55	53	53	51	50	47	45	42	40
7MB-A	4	17,5	13,0		73	71	70	68	67	63	60	56	53
7MB-A	5	25,0	18,6		92	89	88	85	84	79	75	70	66
7MB-A	6	25,0	18,6		110	107	105	102	100	95	90	84	79
7MB-A	7	30,0	22,4		128	125	123	119	117	111	105	98	92
7MB-A	8	40,0	29,8		146	142	140	136	134	126	120	112	106
7MB-A	9	40,0	29,8		165	160	158	153	150	142	135	126	119
7MB-A	10	50,0	37,3		183	178	175	170	167	158	150	140	132
7MB-A	11	50,0	37,3		201	196	193	187	184	174	165	154	145
7MB-A	12	50,0	37,3		220	214	210	204	200	190	180	168	158
7MB-A	13	60,0	44,7		238	231	228	221	217	205	195	182	172
7MB-A	14	60,0	44,7		256	249	245	238	234	221	210	196	185
7MB-A	15	75,0	55,9		275	267	263	255	251	237	225	210	198
7MB-A	16	75,0	55,9		293	285	280	272	267	253	240	224	211
7MB-A	17	75,0	55,9		311	303	298	289	284	269	255	238	224
7MB-A	18	75,0	55,9		329	320	315	306	301	284	270	252	238
7MB-A	19	90,0	67,1		348	338	333	323	317	300	285	266	251
7MB-A	20	90,0	67,1		366	356	350	340	334	316	300	280	264
7MB-A	21	90,0	67,1		384	374	368	357	351	332	315	294	277

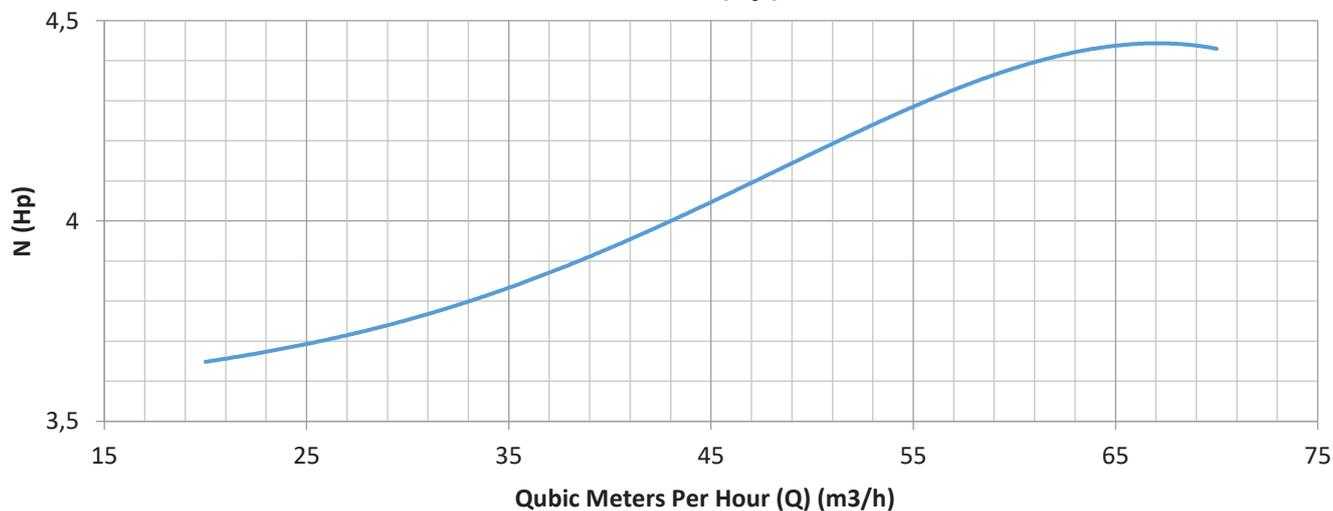


Component	L (mm)	Max. Diameter (mm)	Weight (Kg)
Top Bowl (B)	170	∅ 170	7.80
Mid Bowl (C)	133	∅ 170	7.20
Last Bowl (D)	(8"/6") 303 / 201	∅ 186 / ∅ 170	17.60 / 7.40
Impeller	50	∅ 128	1.60
NOTES :	<ul style="list-style-type: none"> The max diameter does not include the motor cables and the protective cap that adds 10 mm . Bowls are made of GG21 – GG25 cast iron Impellers are made of bronze INOX 304 shaft INOX 304 bolts Discharge diameter 4" (A) The pump can be manufactured by materials of customer choice at specific order 		

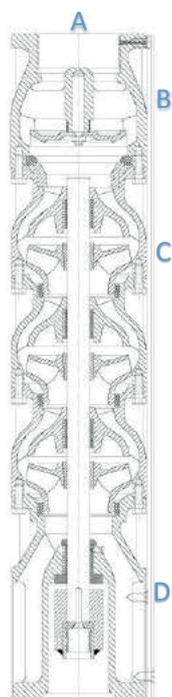
Performance Curve For 7-MB A



Brake Horse Power (hp) Vs Q (for one stage)

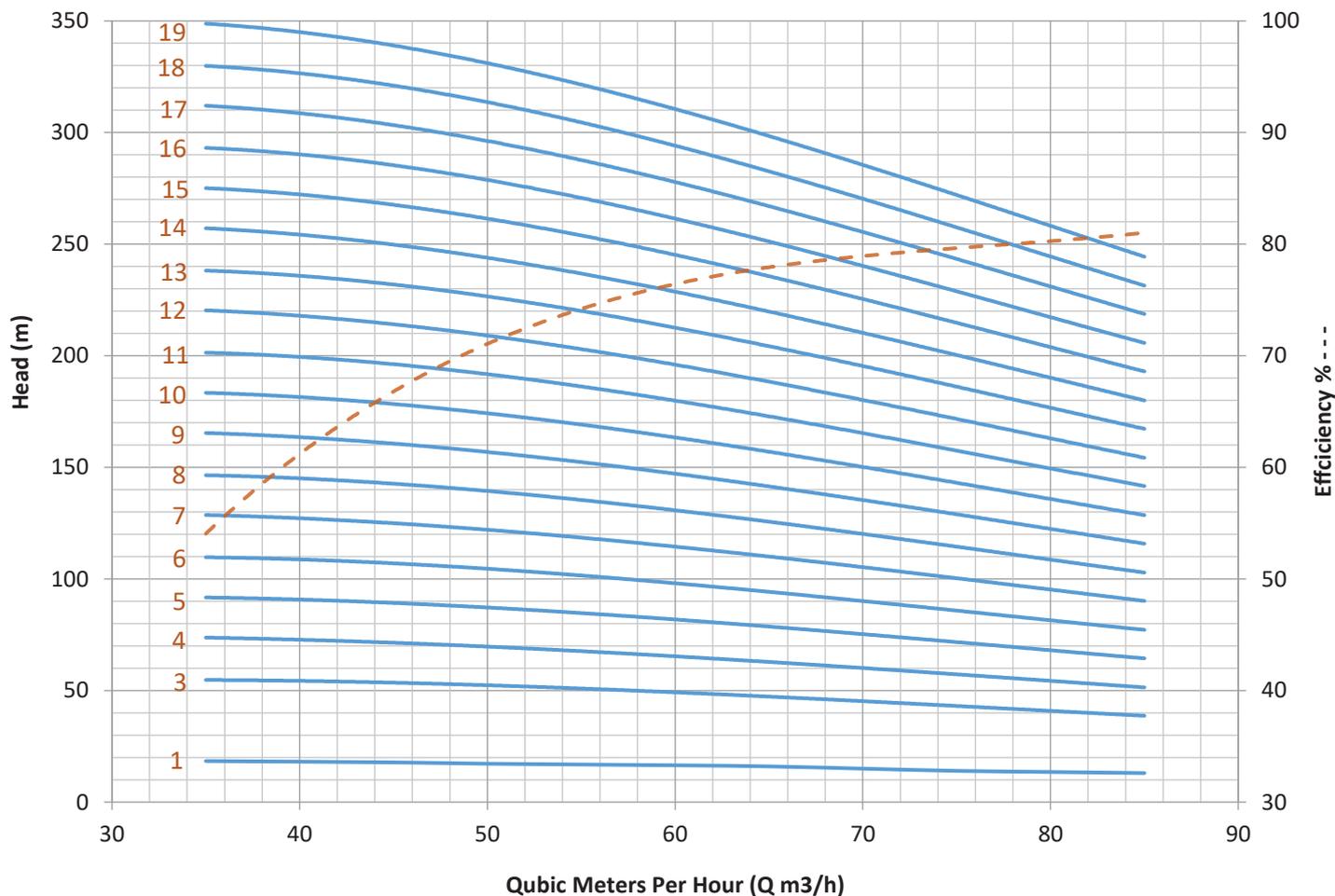


Pump Type	Number of Stages	Motor Power		CAPACITY									
		Hp	Kw	m3/h	35	45	50	60	65	70	75	80	85
				L/min	581	747	830	996	1080	1162	1245	1328	1411
7MB-B	1			Total Head (meters)	18,4	17,8	17,2	16,5	16	15	14	13,5	13
7MB-B	3	17,5	13,0		55	53	52	50	48	45	42	41	39
7MB-B	4	25,0	18,6		74	71	69	66	64	60	56	54	52
7MB-B	5	30,0	22,4		92	89	86	83	80	75	70	68	65
7MB-B	6	40,0	29,8		110	107	103	99	96	90	84	81	78
7MB-B	7	40,0	29,8		129	125	120	116	112	105	98	95	91
7MB-B	8	50,0	37,3		147	142	138	132	128	120	112	108	104
7MB-B	9	60,0	44,7		166	160	155	149	144	135	126	122	117
7MB-B	10	60,0	44,7		184	178	172	165	160	150	140	135	130
7MB-B	11	75,0	55,9		202	196	189	182	176	165	154	149	143
7MB-B	12	75,0	55,9		221	214	206	198	192	180	168	162	156
7MB-B	13	75,0	55,9		239	231	224	215	208	195	182	176	169
7MB-B	14	90,0	67,1		258	249	241	231	224	210	196	189	182
7MB-B	15	90,0	67,1		276	267	258	248	240	225	210	203	195
7MB-B	16	100,0	74,6		294	285	275	264	256	240	224	216	208
7MB-B	17	100,0	74,6		313	303	292	281	272	255	238	230	221
7MB-B	18	100,0	74,6		331	320	310	297	288	270	252	243	234
7MB-B	19	125,0	93,2		350	338	327	314	304	285	266	257	247
7MB-B	20	125,0	93,2		368	356	344	330	320	300	280	270	260
7MB-B	21	125,0	93,2		386	374	361	347	336	315	294	284	273

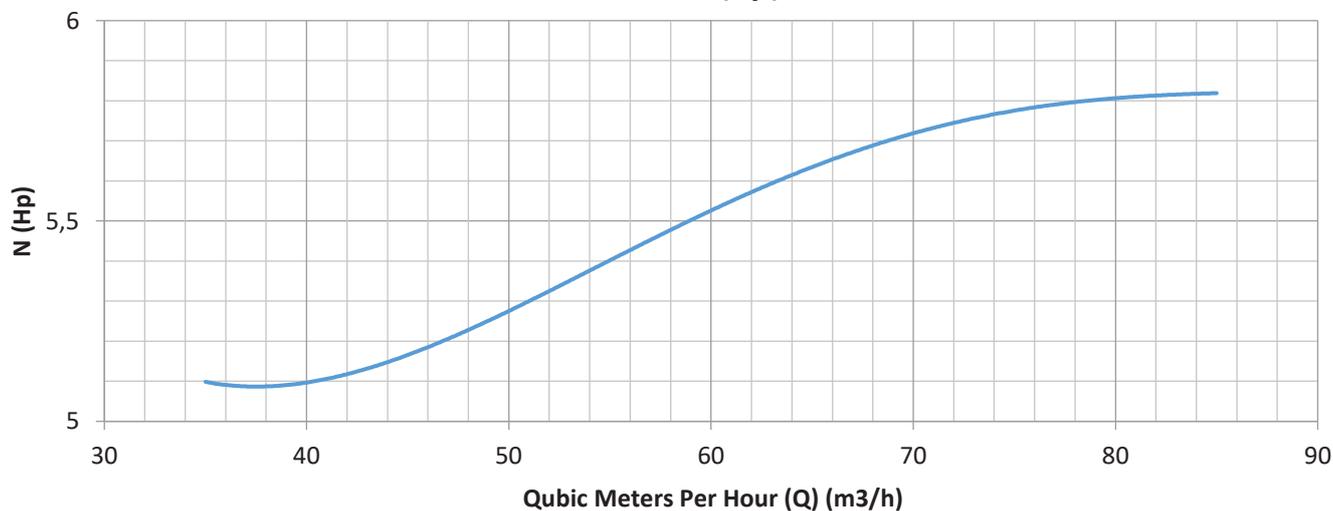


Component	L (mm)	Max. Diameter (mm)	Weight (Kg)
Top Bowl (B)	170	∅ 170	7.80
Mid Bowl (C)	133	∅ 170	7.20
Last Bowl (D)	(8"/6") 303 / 201	∅ 186 / ∅ 170	17.60 / 7.40
Impeller	50	∅ 128	1.60
NOTES :	<ul style="list-style-type: none"> • The max diameter does not include the motor cables and the protective cap that adds 10 mm . • Bowls are made of GG21 – GG25 cast iron • Impellers are made of bronze • INOX 304 shaft • INOX 304 bolts • Discharge diameter 4" (A) • The pump can be manufactured by materials of customer choice at specific order 		

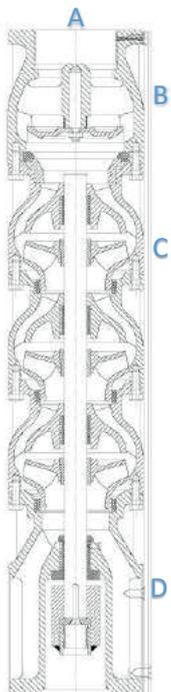
Performance Curve For 7-MB B



Brake Horse Power (hp) Vs Q (for one stage)

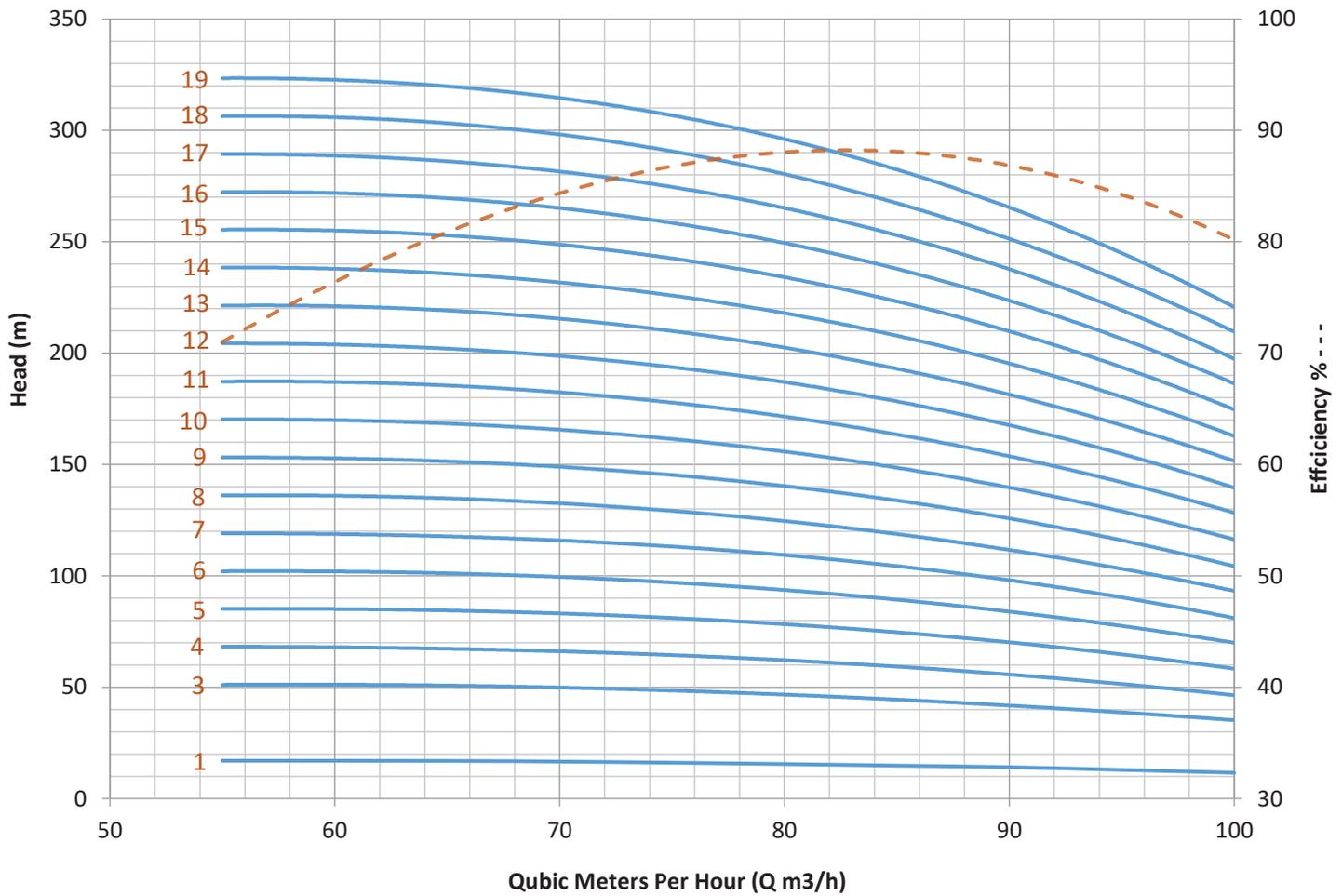


Pump Type	Number of Stages	Motor Power		CAPACITY									
		Hp	Kw	m3/h	55	65	70	75	80	85	90	95	100
				L/min	913	1080	1163	1245	1330	1411	1495	1580	1660
7MB-C	1			Total Head (meters)	17	16,9	16,6	16,1	15,5	14,8	14,1	12,9	11,6
7MB-C	3	20	14,9		51	51	50	48	47	44	42	39	35
7MB-C	4	25,0	18,6		68	68	66	64	62	59	56	52	46
7MB-C	5	30,0	22,4		85	85	83	81	78	74	71	65	58
7MB-C	6	40,0	29,8		102	101	100	97	93	89	85	77	70
7MB-C	7	50,0	37,3		119	118	116	113	109	104	99	90	81
7MB-C	8	50,0	37,3		136	135	133	129	124	118	113	103	93
7MB-C	9	60,0	44,7		153	152	149	145	140	133	127	116	104
7MB-C	10	60,0	44,7		170	169	166	161	155	148	141	129	116
7MB-C	11	75,0	55,9		187	186	183	177	171	163	155	142	128
7MB-C	12	75,0	55,9		204	203	199	193	186	178	169	155	139
7MB-C	13	90,0	67,1		221	220	216	209	202	192	183	168	151
7MB-C	14	90,0	67,1		238	237	232	225	217	207	197	181	162
7MB-C	15	100,0	74,6		255	254	249	242	233	222	212	194	174
7MB-C	16	100,0	74,6		272	270	266	258	248	237	226	206	186
7MB-C	17	110,0	82,0		289	287	282	274	264	252	240	219	197
7MB-C	18	125,0	93,2		306	304	299	290	279	266	254	232	209
7MB-C	19	125,0	93,2		323	321	315	306	295	281	268	245	220
7MB-C	20	125,0	93,2		340	338	332	322	310	296	282	258	232

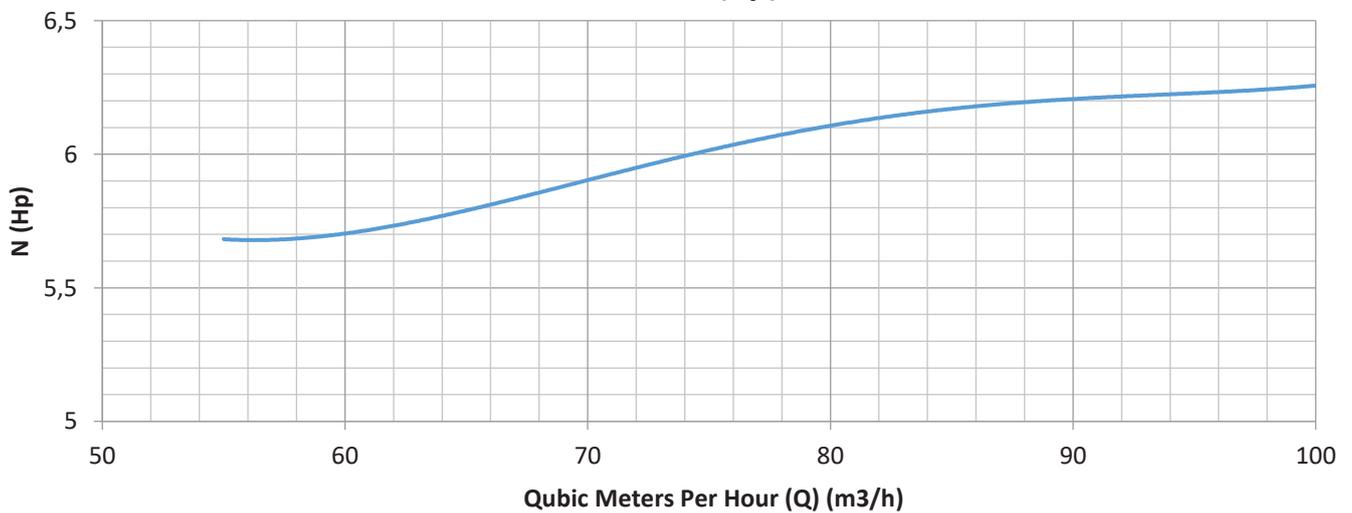


Component	L (mm)	Max. Diameter (mm)	Weight (Kg)
Top Bowl (B)	170	∅ 170	7.80
Mid Bowl (C)	133	∅ 170	7.20
Last Bowl (D)	(8"/6") 303 / 201	∅ 186 / ∅ 170	17.60 / 7.40
Impeller	50	∅ 128	1.60
NOTES :	<ul style="list-style-type: none"> The max diameter does not include the motor cables and the protective cap that adds 10 mm . Bowls are made of GG21 – GG25 cast iron Impellers are made of bronze INOX 304 shaft INOX 304 bolts Discharge diameter 4" (A) The pump can be manufactured by materials of customer choice at specific order 		

Performance Curve For 7-MB C



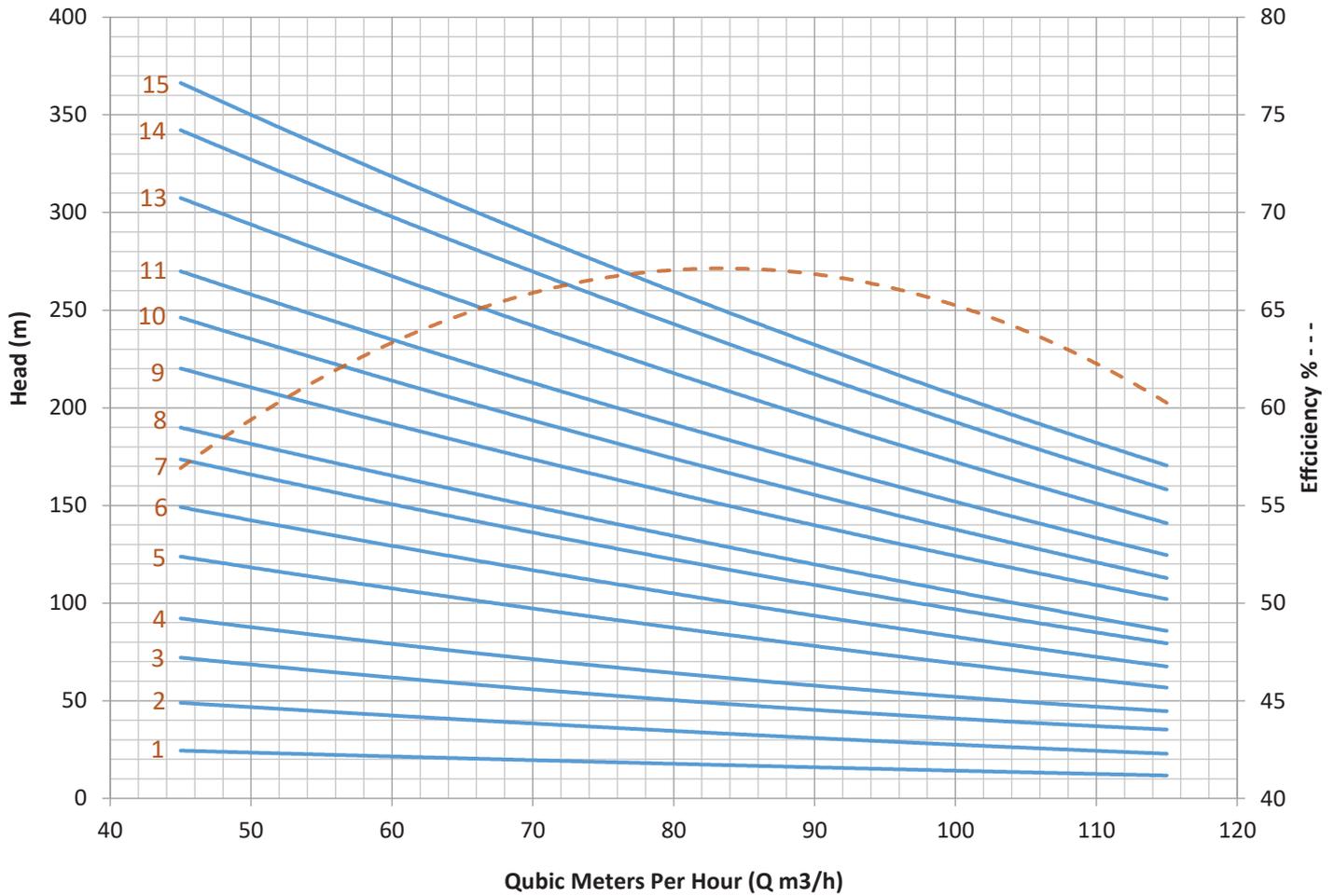
Brake Horse Power (hp) Vs Q (for one stage)



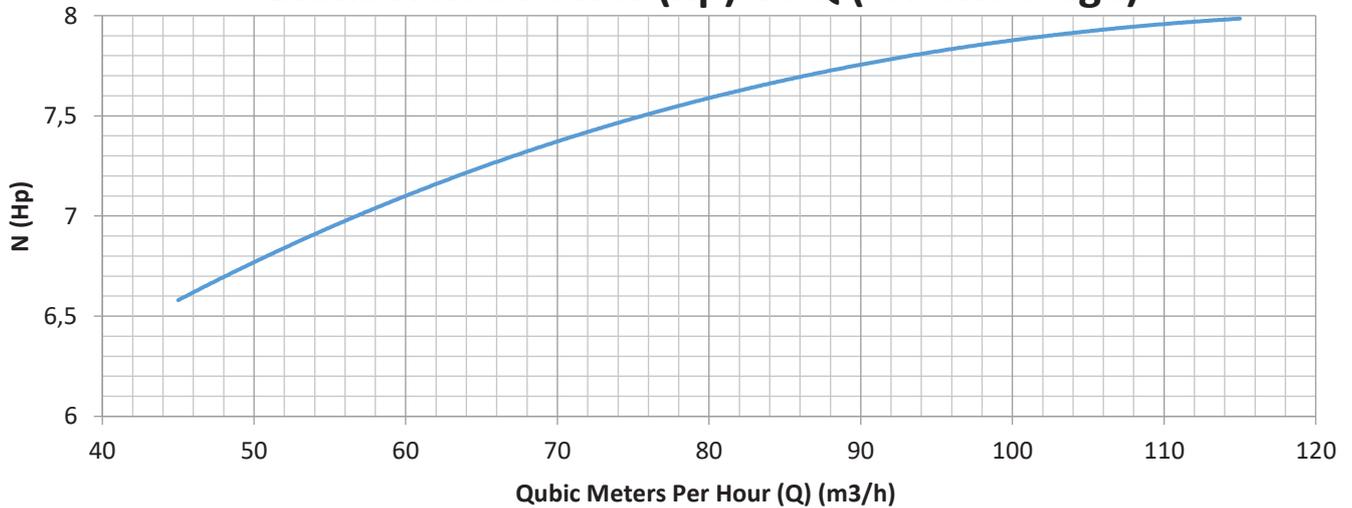
8 - MBA Performance Table

Pump Type	Number of Stages	Motor Power		CAPACITY								
		Hp	Kw	m3/h	45	55	65	75	85	95	105	115
				L/min	12.5	15.3	18.1	20.8	23.6	26.4	29.2	31.9
8MB-A/1	1	10	7.5	Total Head (meters)	24	23	21	18	17	15	13	12
8MB-A/2	2*	15	11		48	46	41	35	33	29	26	23
8MB-A/3	3	25	18.5		72	68	54	53	50	44	38	35
8MB-A/4	4*	30	22		92	87	69	68	63	56	49	44
8MB-A/5	5	40	30		120	118	105	88	83	73	64	58
8MB-A/6	6	50	37		144	143	126	106	99	87	77	69
8MB-A/7	7	60	45		168	166	147	123	116	102	90	81
8MB-A/8	8*	60	45		184	180	164	135	127	111	98	88
8MB-A/9	9	75	55		216	205	189	158	149	131	115	104
8MB-A/10	10	90	67		240	232	210	176	165	145	128	115
8MB-A/11	11	90	67		264	253	231	194	182	160	141	127
8MB-A/13	13*	100	75		300	288	265	220	206	181	160	144
8MB-A/14	14	125	93		336	318	294	246	231	203	179	161
8MB-A/15	15	125	93		360	342	310	264	248	218	192	173

Performance Curve For 8-MB A



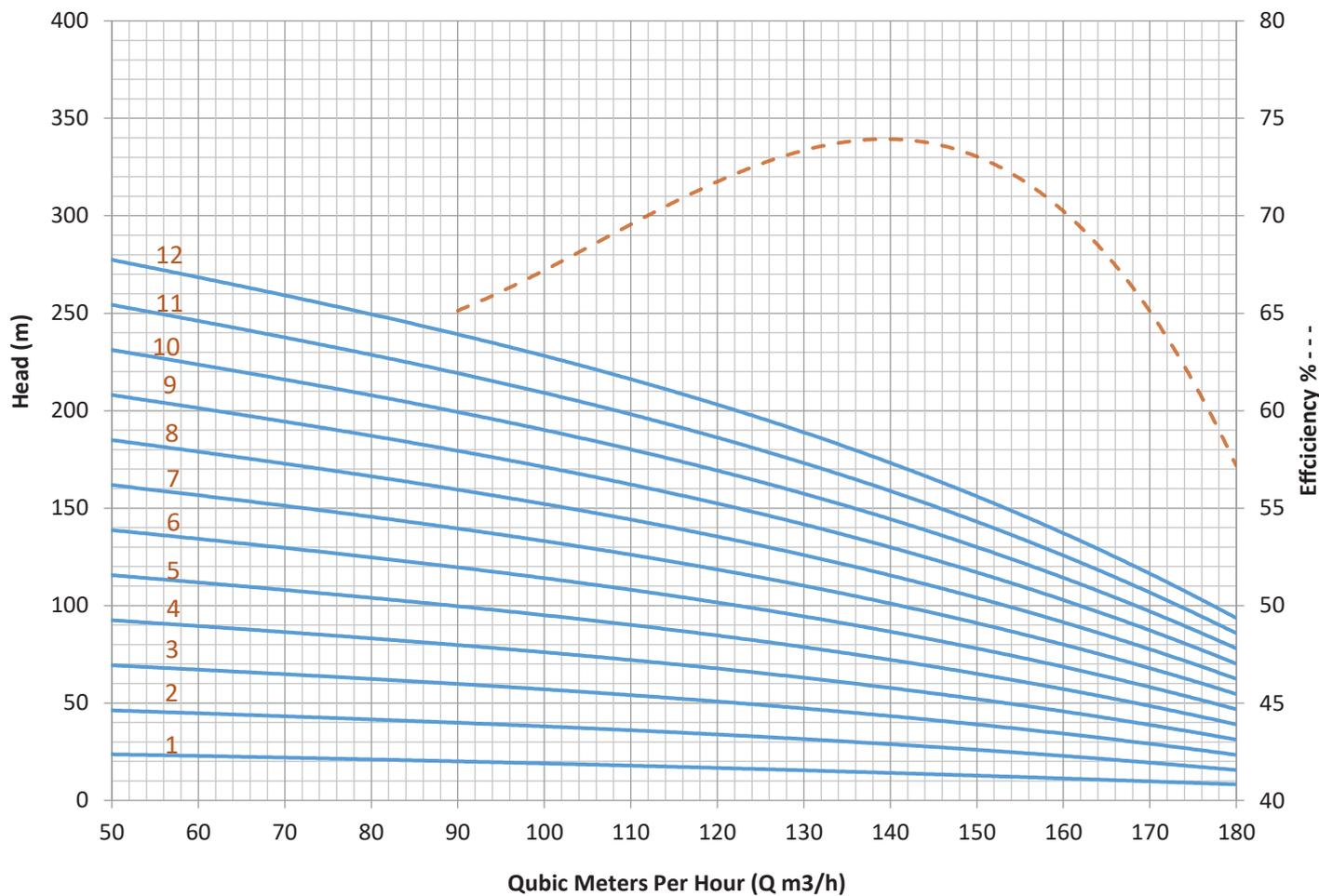
Brake Horse Power (hp) Vs Q (for one stage)



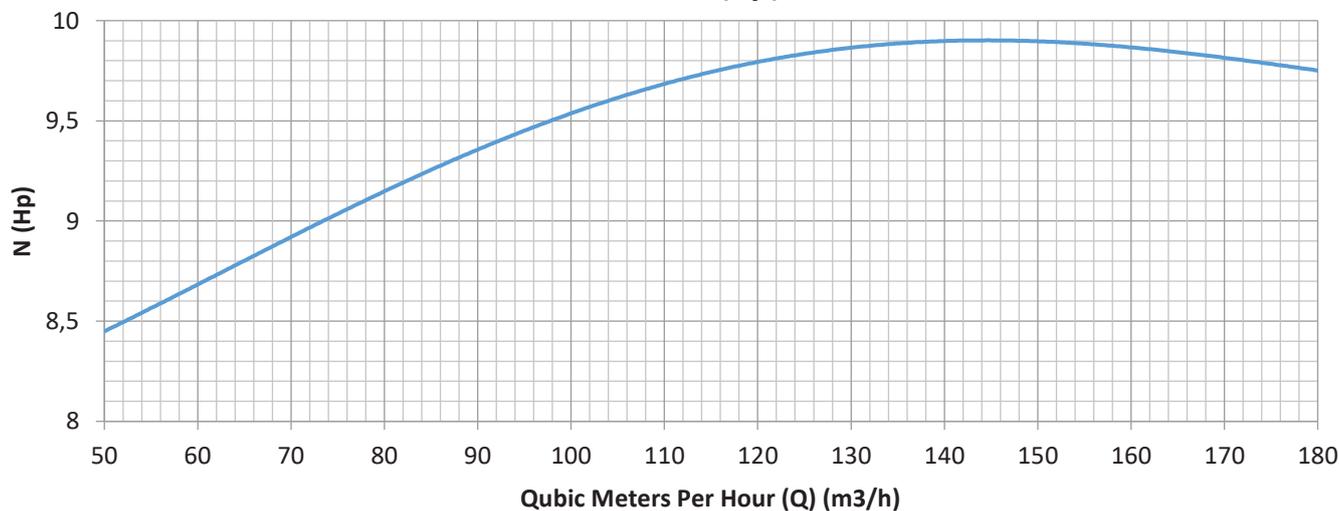
8 - MB_B Performance Table

Pump Type	Number of Stages	Motor Power		CAPACITY							
		Hp	Kw	m3/h	50	90	110	130	150	160	180
				L/min	13.9	25	30.6	36.1	41.7	44.4	50
8MB-B/1	1	10	7.5	Total Head (meters)	23	20	18	16	13	11	8
8MB-B/2	2	20	15		46	40	36	32	26	22	16
8MB-B/3	3	30	22		69	60	54	48	39	33	24
8MB-B/4	4	40	30		92	80	72	64	52	44	32
8MB-B/5	5	50	37		115	100	90	80	65	55	40
8MB-B/6	6	60	45		138	120	108	96	78	66	48
8MB-B/7	7	75	55		161	140	126	112	91	77	56
8MB-B/8	8	90	67		184	160	144	128	104	88	64
8MB-B/9	9	90	67		207	180	162	144	117	99	72
8MB-B/10	10	100	75		230	200	180	160	130	110	80
8MB-B/11	11	125	93		253	220	198	176	143	121	88
8MB-B/12	12	125	93		276	240	216	192	156	132	96

Performance Curve For 8-MB B



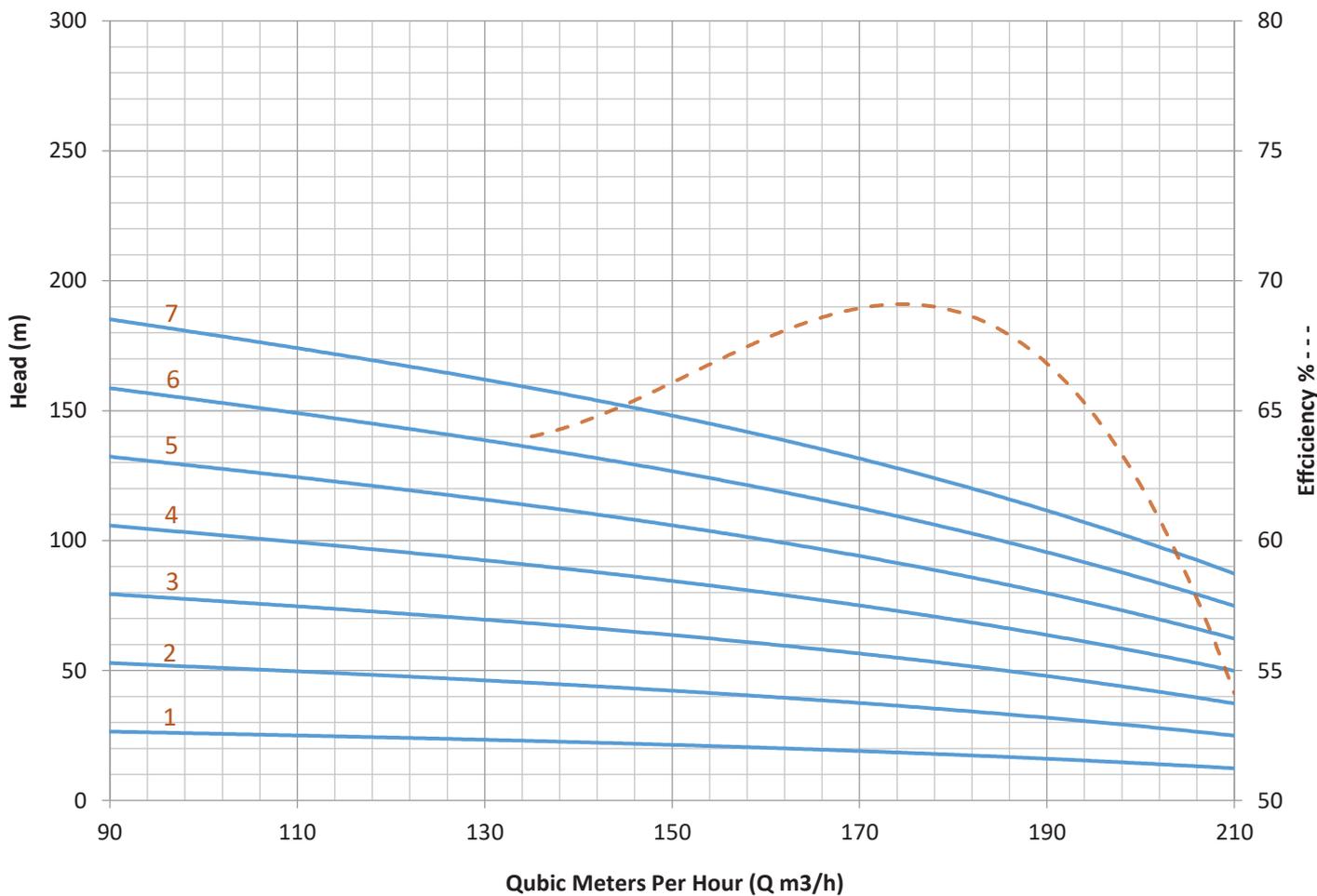
Brake Horse Power (hp) Vs Q (for one stage)



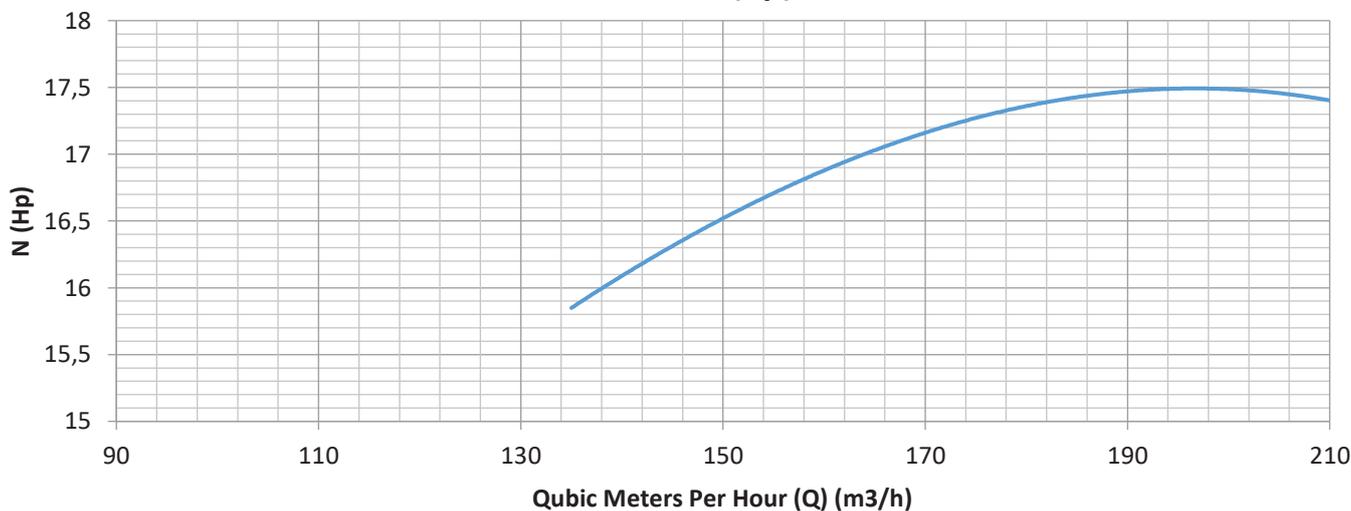
8 - MBc Performance Table

Pump Type	Number of Stages	Motor Power		CAPACITY								
		Hp	Kw	m3/h	75	110	135	165	170	190	200	210
				L/min	20,8	30,6	37,5	45,8	47,2	52,8	55,6	58,3
8MB-C/1	1	10	7.5	Total Head (meters)	28	25	22	20	19	17	14	12
8MB-C/2	2	20	15		56	50	43	39	38	34	28	24
8MB-C/3	3	30	22		84	75	65	59	57	51	42	36
8MB-C/4	4	40	30		112	100	86	78	76	68	56	48
8MB-C/5	5	50	37		140	125	108	98	95	85	70	60
8MB-C/6	6	60	45		168	150	129	117	114	102	84	72
8MB-C/7	7	75	55		196	175	151	137	133	119	98	84

Performance Curve For 8-MB C



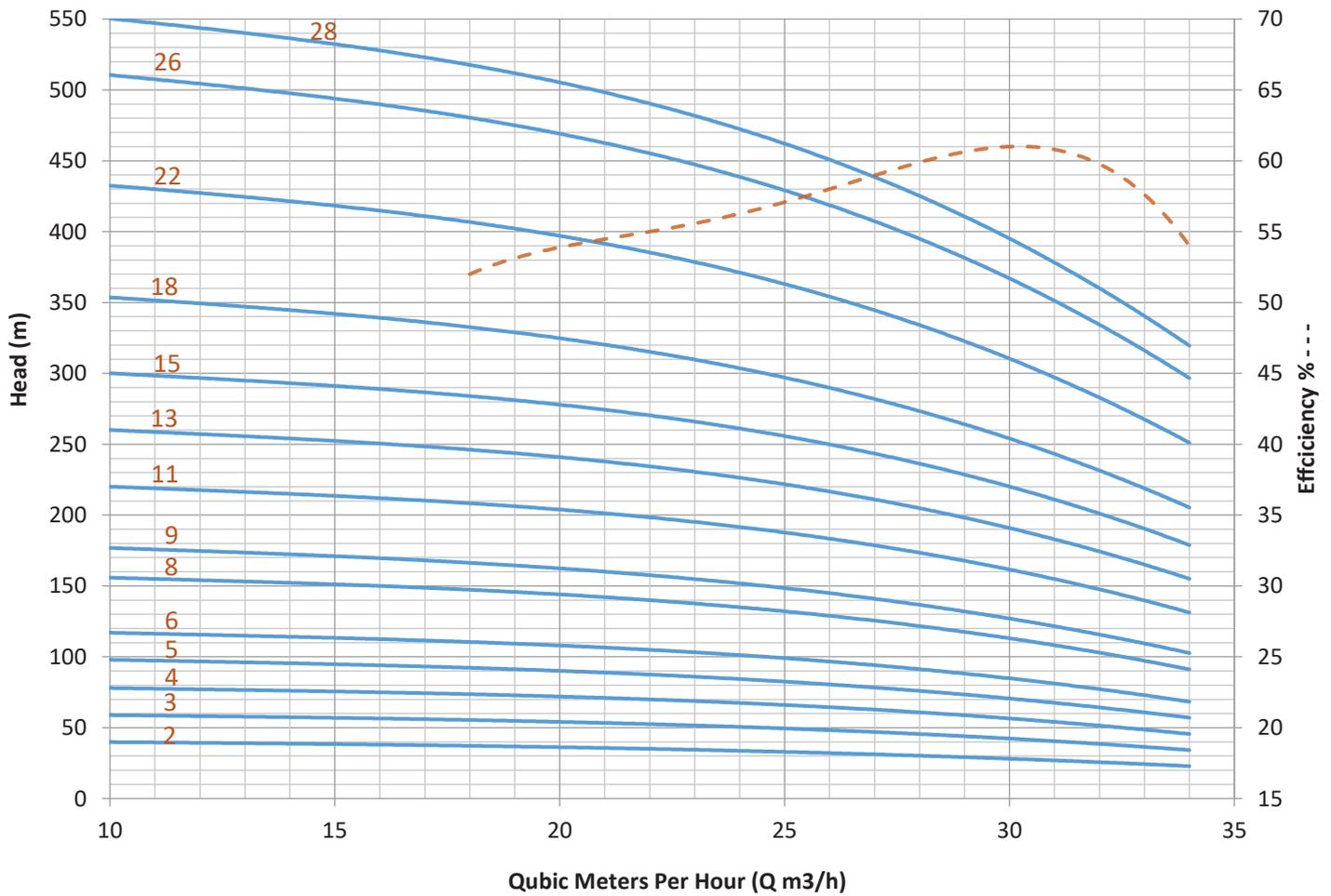
Brake Horse Power (hp) Vs Q (for one stage)



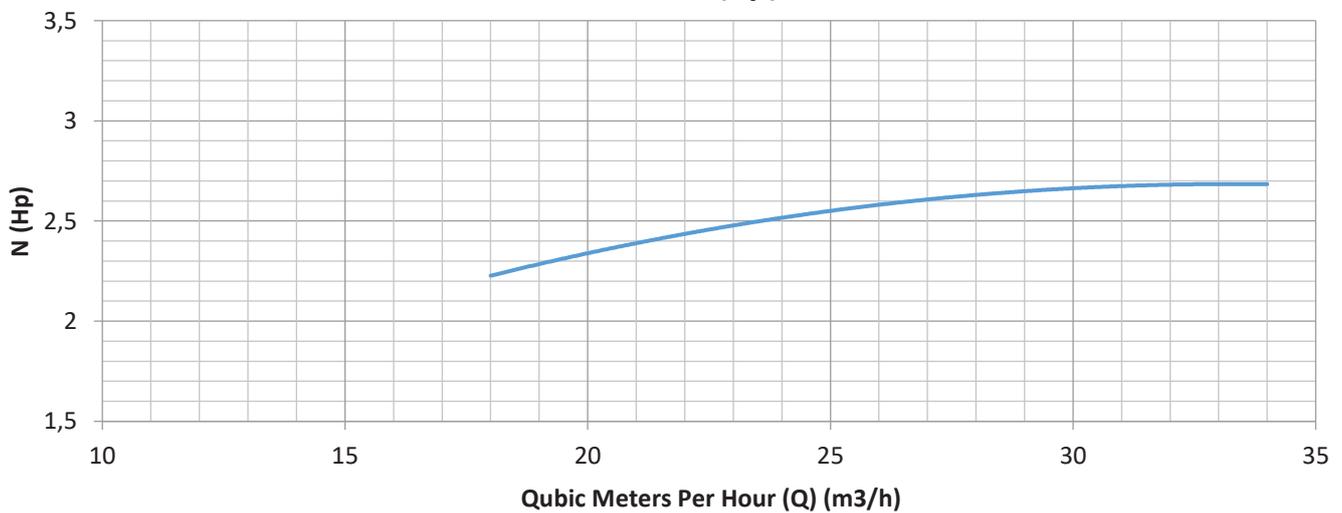
8 - RBA Performance Table

Pump Type	Number of Stages	Motor Power		CAPACITY						
		Hp	Kw	m3/h	15	18	22	26	30	34
				L/min	4,2	5	6,1	7,2	8,3	9,4
8RB-A/2	2	5.5	4	Total Head (meters)	40	36	34	32	30	22
8RB-A/3	3	7.5	5.5		59	54	51	48	45	33
8RB-A/4	4	10	7.5		78	72	68	64	60	44
8RB-A/5	5	15	11		98	90	85	80	75	55
8RB-A/6	6	17.5	13		117	108	102	96	90	66
8RB-A/8	8	20	15		156	144	136	128	120	88
8RB-A/9	9	25	18.5		177	162	153	144	135	99
8RB-A/11	11	30	22		220	204	193	182	171	127
8RB-A/13	13	35	26		260	241	228	215	202	150
8RB-A/15	15	40	30		300	278	263	248	233	173
8RB-A/18	18	50	37		354	324	306	288	270	198
8RB-A/22	22	60	45		433	396	374	352	330	242
8RB-A/26	26	75	55		511	468	442	416	390	286
8RB-A/28	28	75	55		551	504	476	448	420	308

Performance Curve For 8-RB A



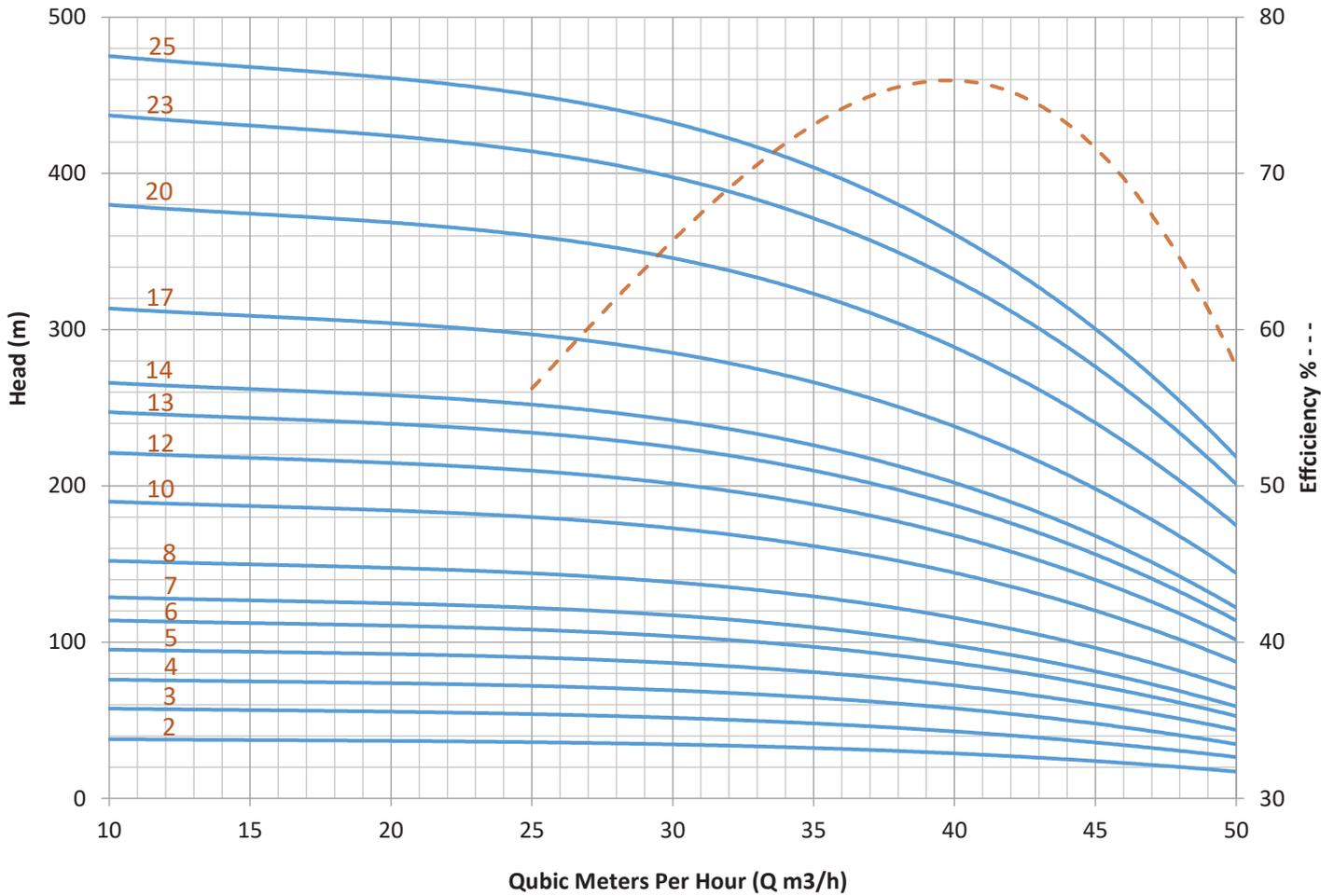
Brake Horse Power (hp) Vs Q (for one stage)



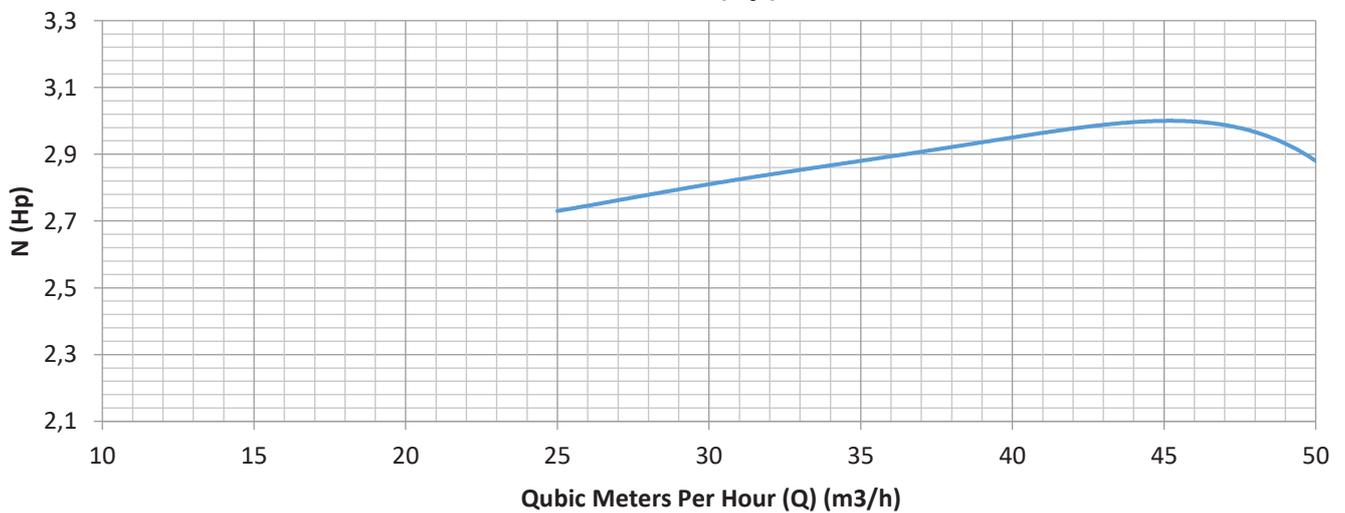
8 - RB_B Performance Table

Pump Type	Number of Stages	Motor Power		CAPACITY								
		Hp	Kw	m ³ /h	15	20	25	30	35	40	45	50
				L/min	4,2	5,6	6,9	8,3	9,7	11,1	12,5	13,9
8RB-B/2	2	7.5	5.5	Total Head (meters)	39	36	35	34	32	31	23	17
8RB-B/3	3	10	7.5		59	54	53	51	47	46	35	26
8RB-B/4	4	12.5	9.3		78	72	71	68	63	62	47	34
8RB-B/5	5	15	11		98	90	89	85	79	78	59	43
8RB-B/6	6	17.5	13		117	108	106	102	95	94	70	52
8RB-B/7	7*	20	15		132	122	120	115	107	106	79	58
8RB-B/8	8	25	18.5		156	144	142	136	126	125	94	69
8RB-B/10	10	30	22		195	180	177	170	158	156	117	86
8RB-B/12	12*	35	26		227	210	206	198	184	182	136	100
8RB-B/13	13	40	30		254	234	230	221	205	203	152	112
8RB-B/14	14	50	37		273	252	248	238	221	218	164	120
8RB-B/17	17*	50	37		322	297	292	280	261	257	193	142
8RB-B/20	20	60	45		390	360	354	340	316	312	234	172
8RB-B/23	23	75	55		449	414	407	391	363	359	269	198
8RB-B/25	25	75	55		488	450	443	425	395	390	293	215

Performance Curve For 8-RB B



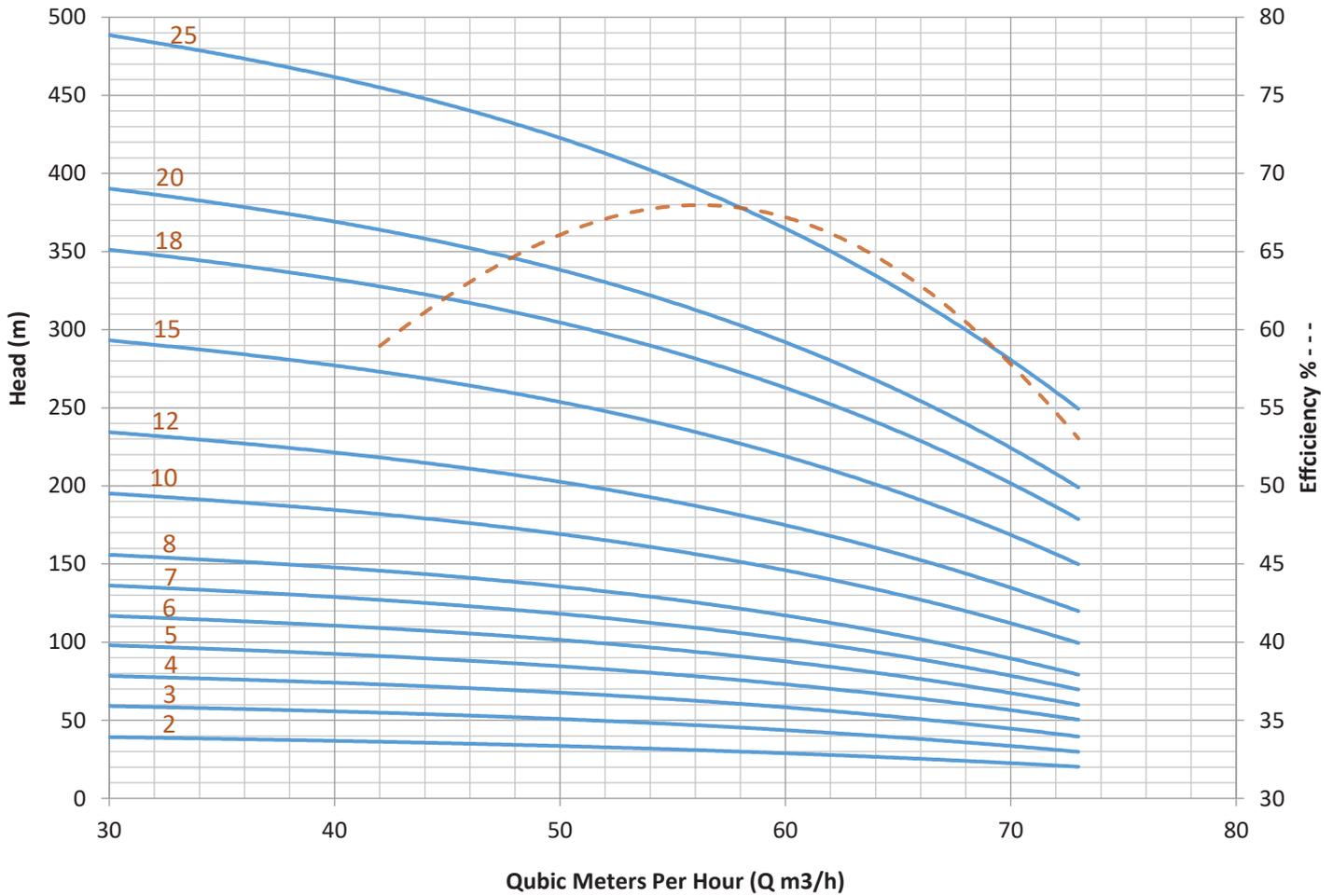
Brake Horse Power (hp) Vs Q (for one stage)



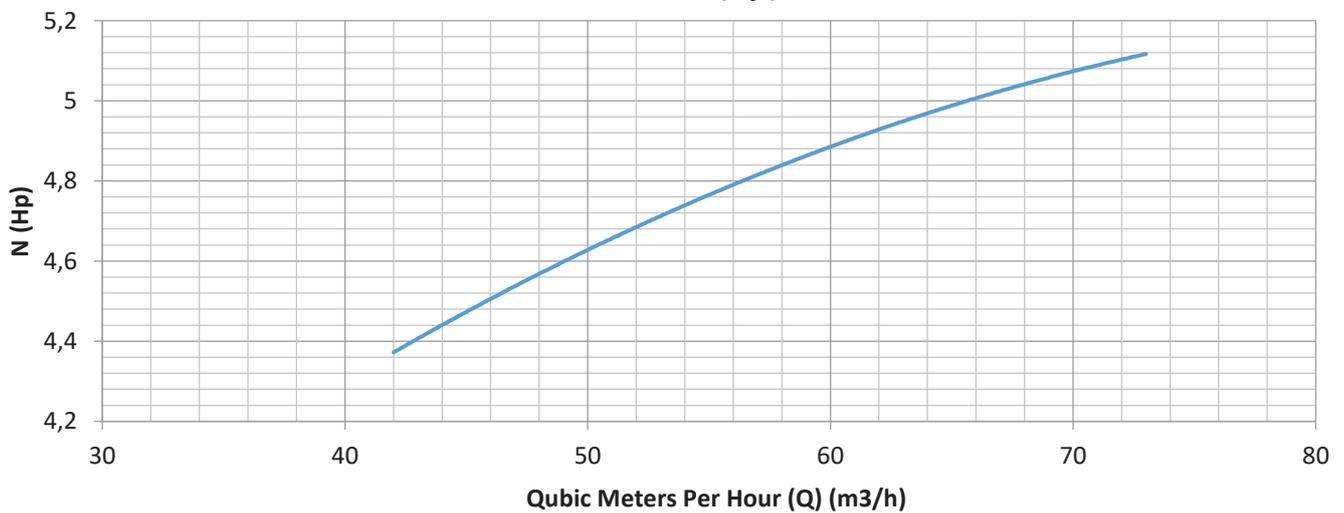
8 - RBc Performance Table

Pump Type	Number of Stages	Motor Power		CAPACITY								
		Hp	Kw	m3/h	34	42	48	54	58	62	66	73
				L/min	9,4	11,7	13,3	15	16,1	17,2	18,3	20,3
8RB-C/2	2	10	7.5	Total Head (meters)	38	36	35	32	31	27	24	21
8RB-C/3	3	15	11		57	55	53	49	46	41	36	31
8RB-C/4	4	20	15		76	73	70	65	62	55	48	41
8RB-C/5	5	25	18.5		95	91	88	81	77	69	61	52
8RB-C/6	6	30	22		113	109	106	97	93	82	73	62
8RB-C/7	7	35	26		132	127	123	113	108	96	85	72
8RB-C/8	8	40	30		151	146	141	130	124	110	97	82
8RB-C/10	10	50	37		189	182	176	162	155	137	121	103
8RB-C/12	12	60	45		227	218	211	194	185	165	145	124
8RB-C/15	15	75	55		284	273	264	243	232	206	182	155
8RB-C/18	18	90	67		340	328	317	292	278	247	218	185
8RB-C/20	20	100	75		378	364	352	324	309	275	242	206
8RB-C/25	25	125	93		473	455	440	405	386	343	303	258

Performance Curve For 8-RB C



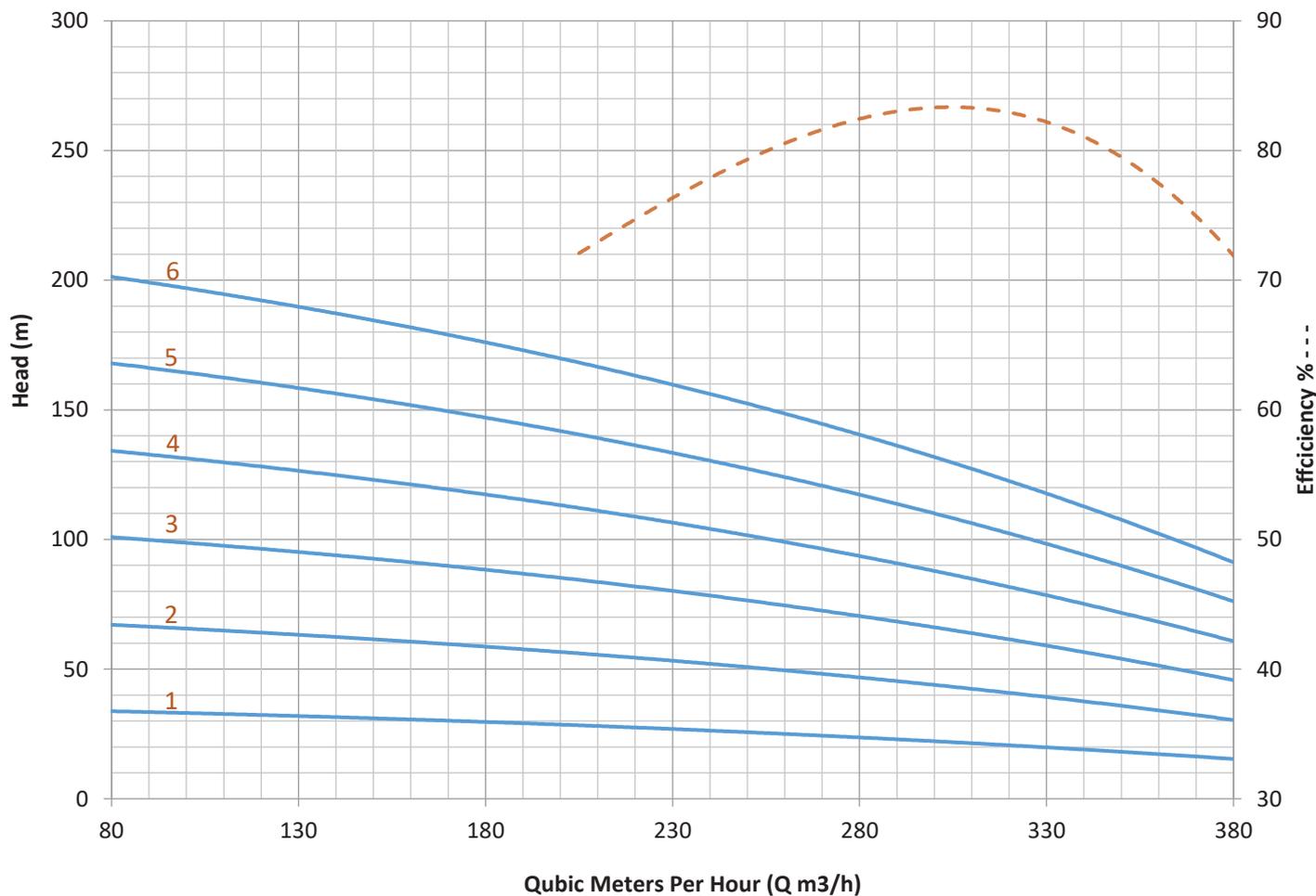
Brake Horse Power (hp) Vs Q (for one stage)



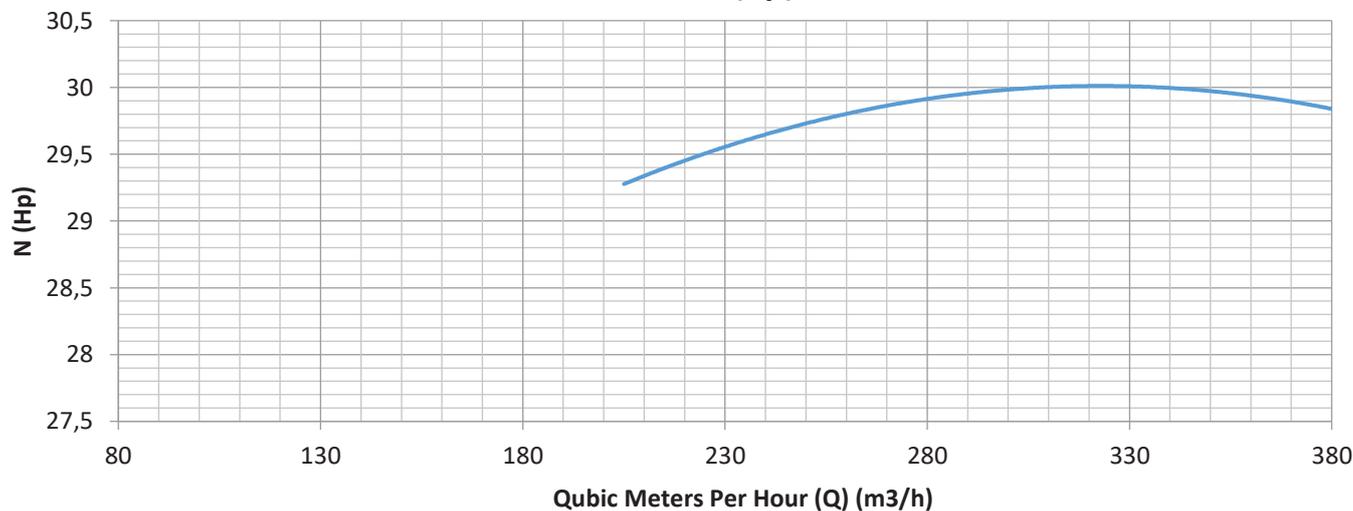
10 - MB_A Performance Table

Pump Type	Number of Stages	Motor Power		CAPACITY								
		Hp	Kw	m ³ /h	114	170	205	253	300	328	351	382
				L/min	31.7	47.2	56.9	70.3	83.3	91.1	97.5	106.1
10MB-A/1	1	30	22	Total Head (meters)	33	30	28	25	23	20	18	15
10MB-A/2	2	60	45		65	60	55	50	45	40	35	30
10MB-A/3	3	90	67		98	90	83	75	68	60	53	45
10MB-A/4	4	125	93		130	120	110	100	90	80	70	60
10MB-A/5	5	150	110		163	150	138	125	113	100	88	75
10MB-A/6	6	200	150		195	180	165	150	135	120	105	90

Performance Curve For 10-MB A



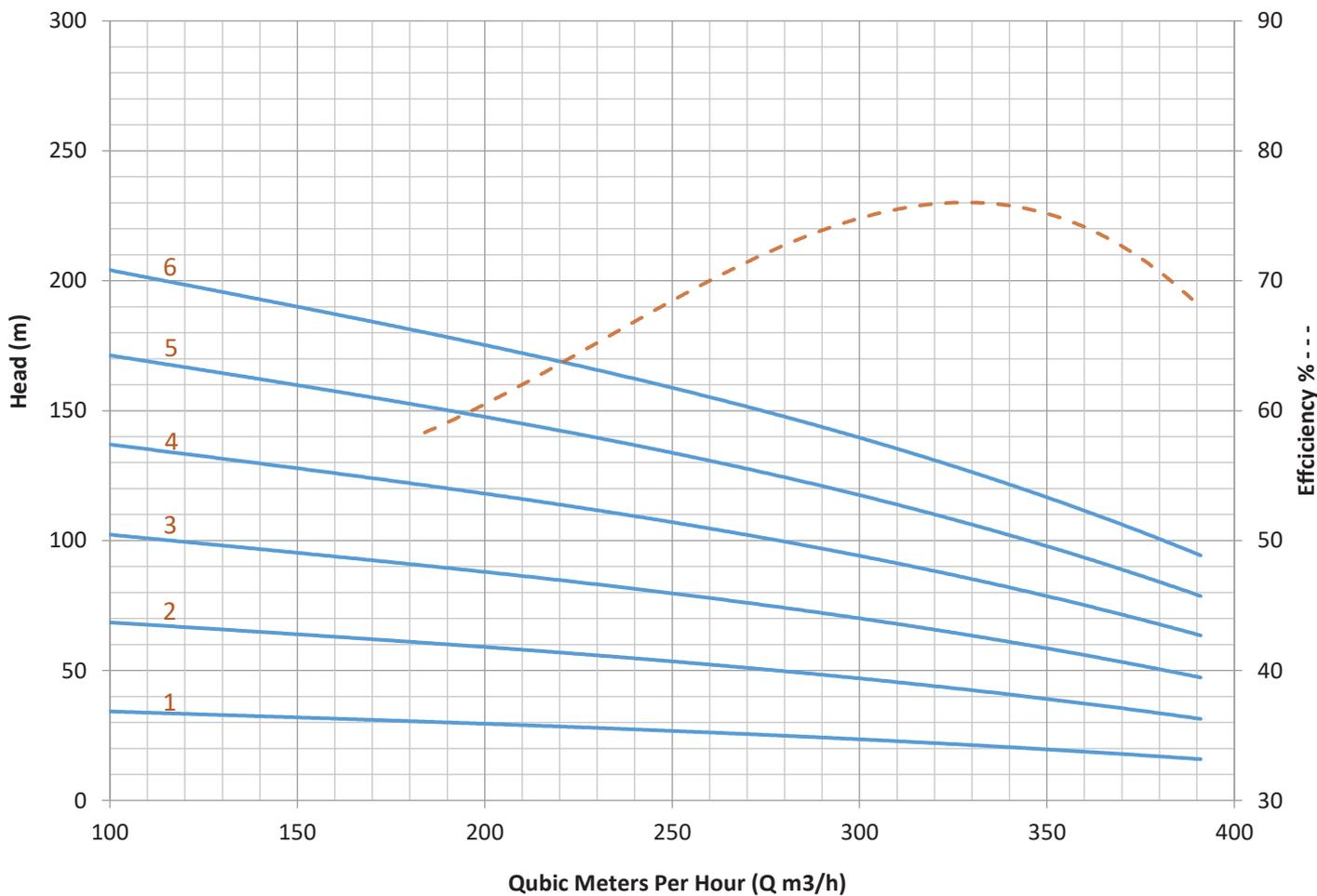
Brake Horse Power (hp) Vs Q (for one stage)



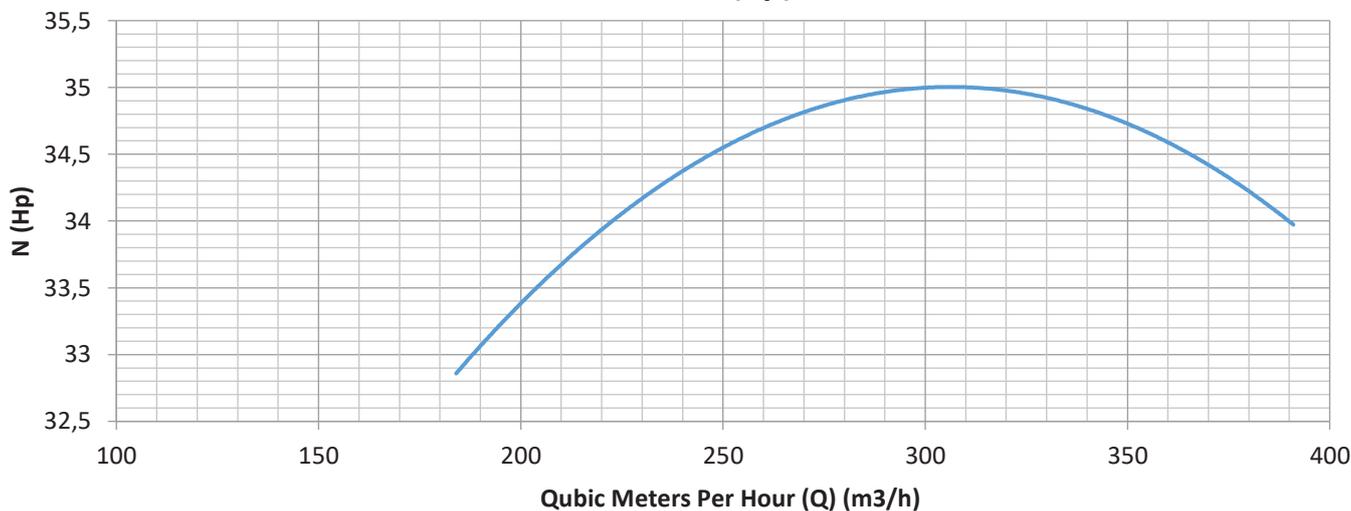
10 - MB_B Performance Table

Pump Type	Number of Stages	Motor Power		CAPACITY								
		Hp	Kw	m3/h	137	184	234	266	306	360	371	391
				L/min	38.1	51.1	65	73.9	85	100	103.1	108.6
10MB-B/1	1	35	26	Total Head (meters)	33	30	28	25	23	20	18	15
10MB-B/2	2	75	55		66	60	56	50	46	40	35	30
10MB-B/3	3	125	93		98	90	83	75	68	60	53	45
10MB-B/4	4	150	110		132	120	112	100	92	80	72	60
10MB-B/5	5	175	130		165	150	140	125	115	100	88	75
10MB-B/6	6	250	185		195	180	165	150	135	120	105	90

Performance Curve For 10-MB B



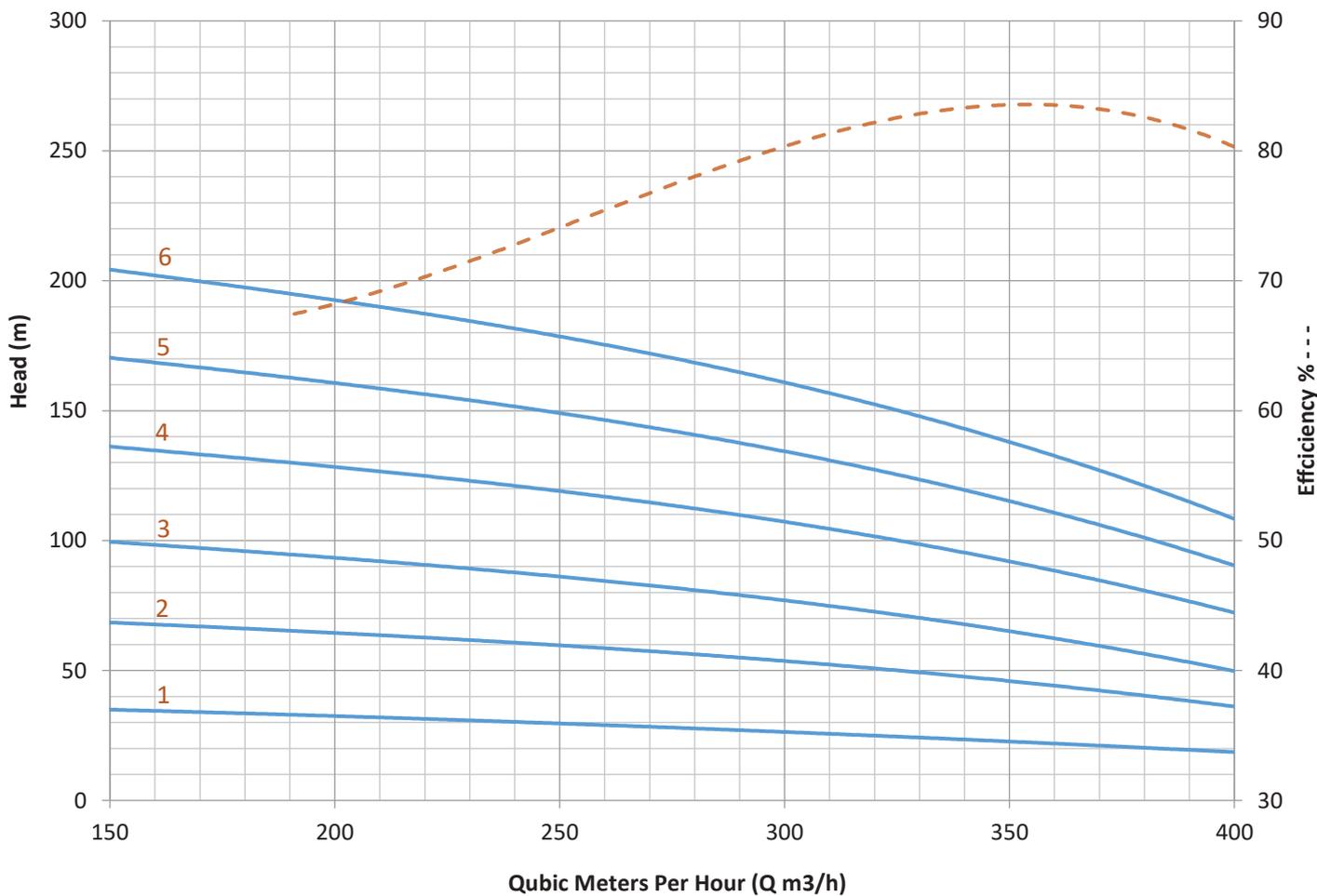
Brake Horse Power (hp) Vs Q (for one stage)



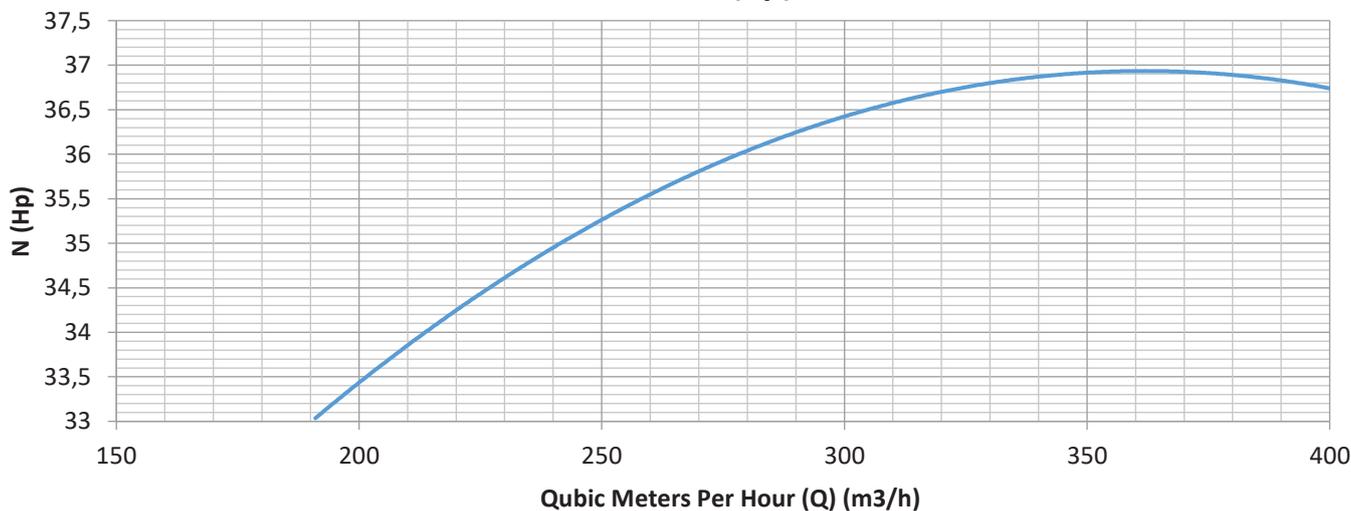
10 - MBc Performance Table

Pump Type	Number of Stages	Motor Power		CAPACITY								
		Hp	Kw	m3/h	155	191	220	277	331	385	389	400
				L/min	43.1	53.1	61.1	76.9	91.9	106.9	108.1	111.1
10MB-C/1	1	40	30	Total Head (meters)	35	33	30	28	25	23	20	15
10MB-C/2	2	75	55		70	66	60	55	50	45	40	30
10MB-C/3	3	125	93		101	95	88	80	71	60	55	44
10MB-C/4	4	150	110		140	130	120	110	100	90	80	60
10MB-C/5	5	175	130		175	163	150	138	125	113	100	75
10MB-C/6	6	250	185		210	195	180	165	150	135	120	90

Performance Curve For 10-MB C



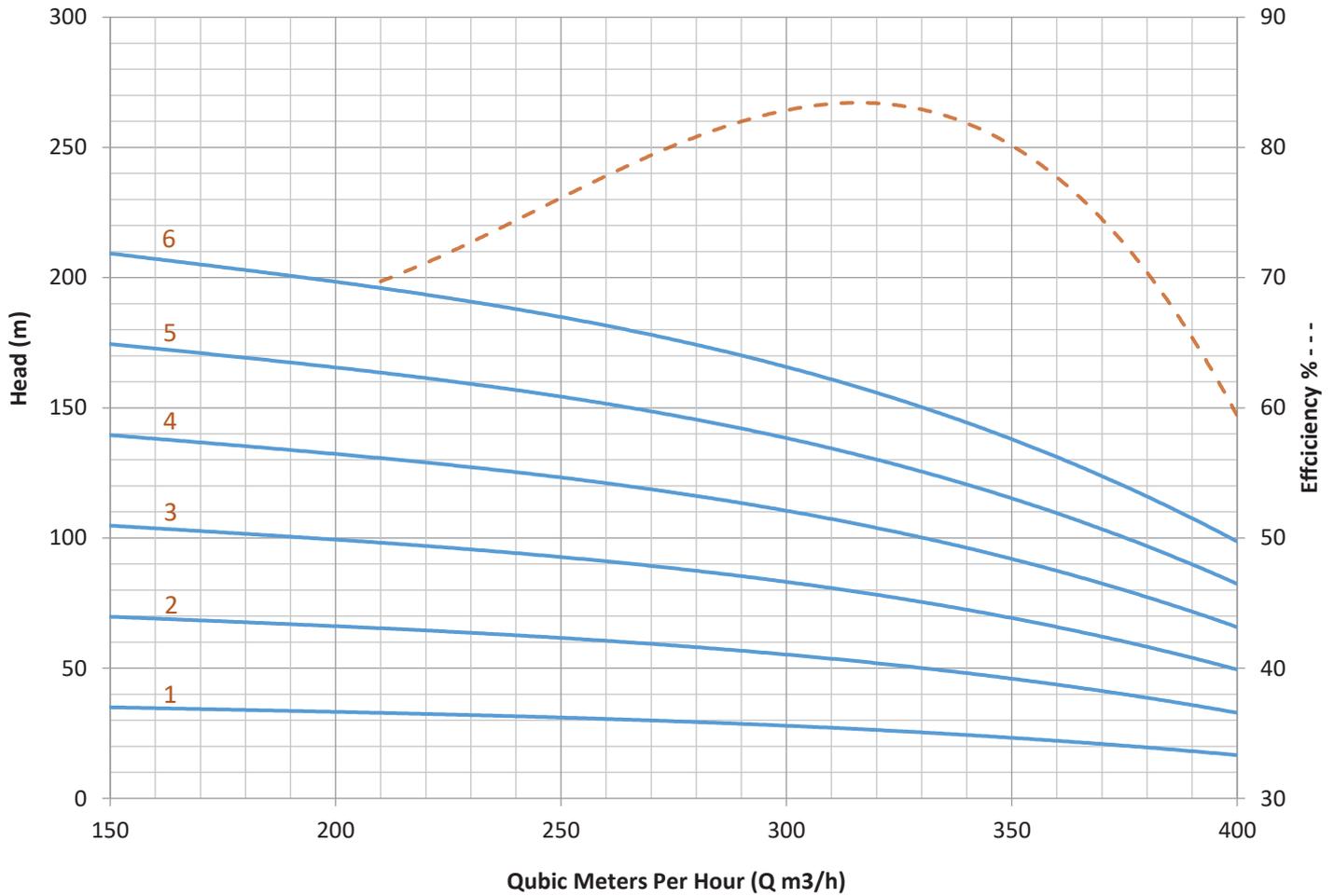
Brake Horse Power (hp) Vs Q (for one stage)



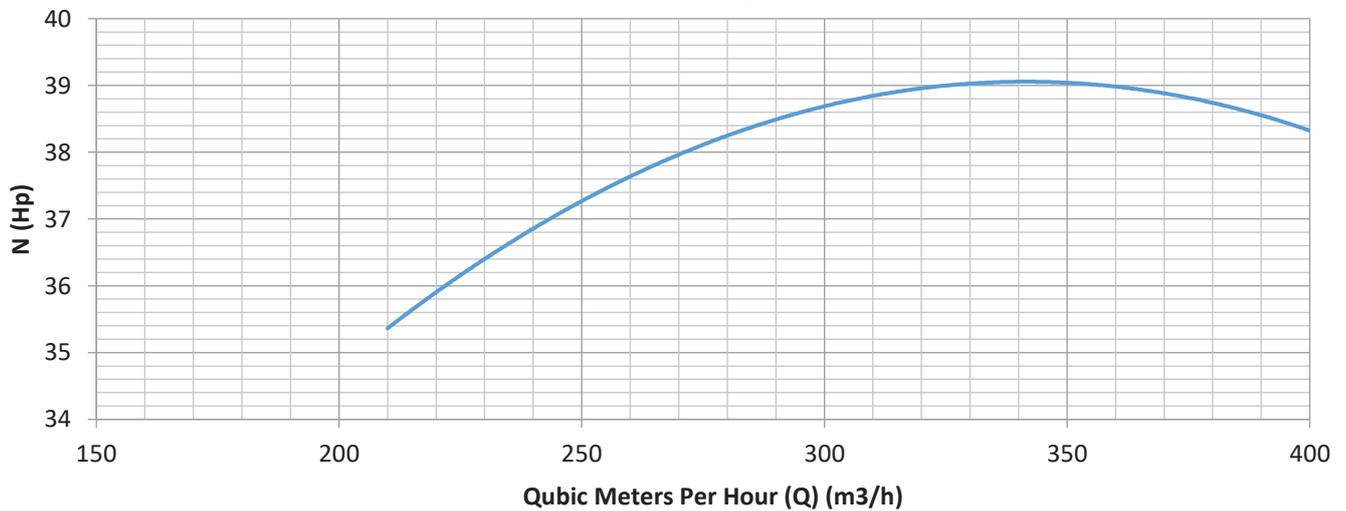
10 - MB_D Performance Table

Pump Type	Number of Stages	Motor Power		CAPACITY								
		Hp	Kw	m3/h	167	210	246	306	326	360	383	394
				L/min	46.4	58.3	68.3	85	90.6	100	106.4	109.4
10MB-D/1	1	40	30	Total Head (meters)	35	33	30	28	25	23	20	18
10MB-D/2	2	90	67		70	65	60	55	50	45	40	35
10MB-D/3	3	125	93		105	98	90	83	75	68	60	53
10MB-D/4	4	175	130		140	130	120	110	100	90	80	70
10MB-D/5	5	200	150		175	163	150	138	125	113	100	88
10MB-D/6	6	250	185		210	195	180	165	150	135	120	105

Performance Curve For 10-MB D



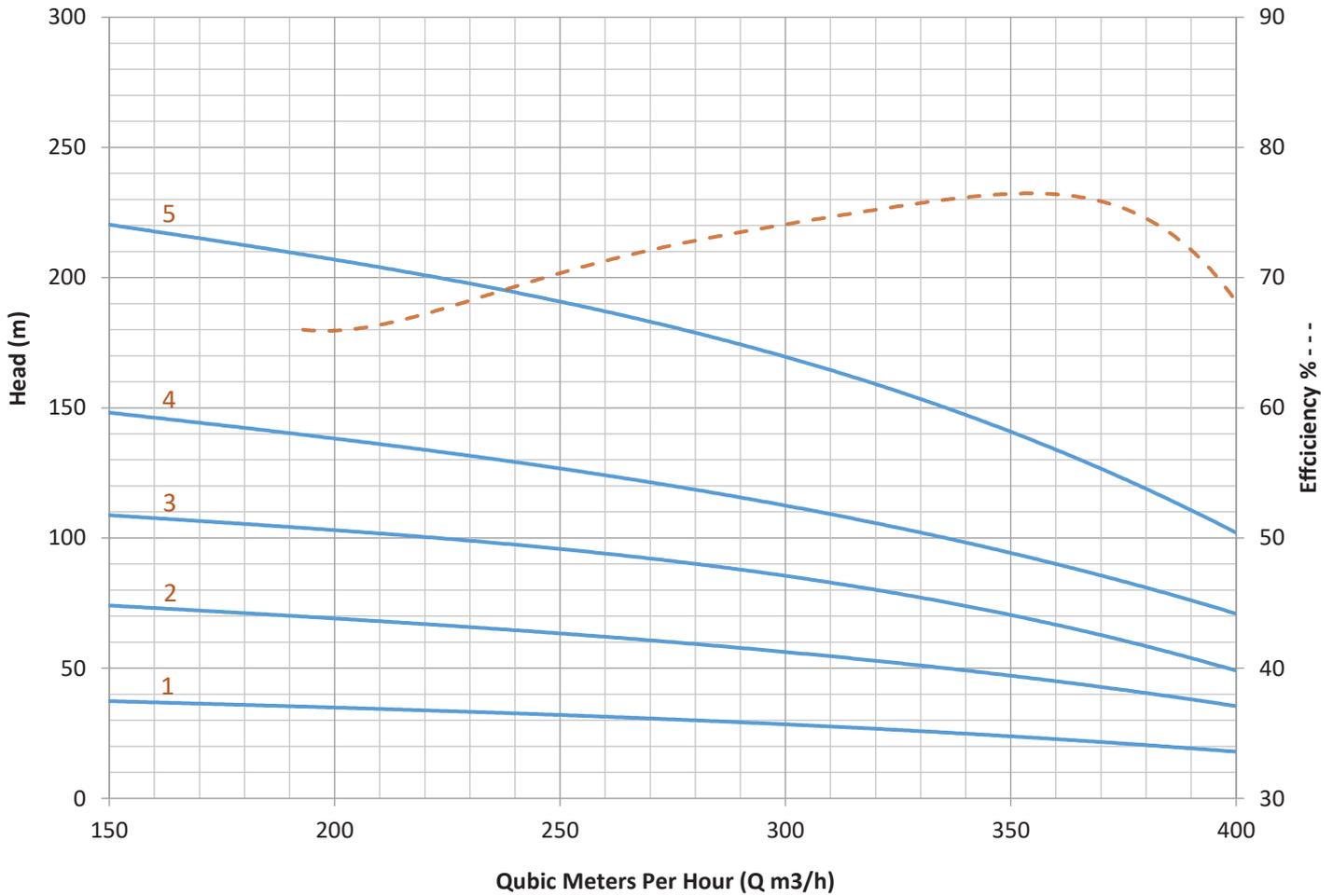
Brake Horse Power (hp) Vs Q (for one stage)



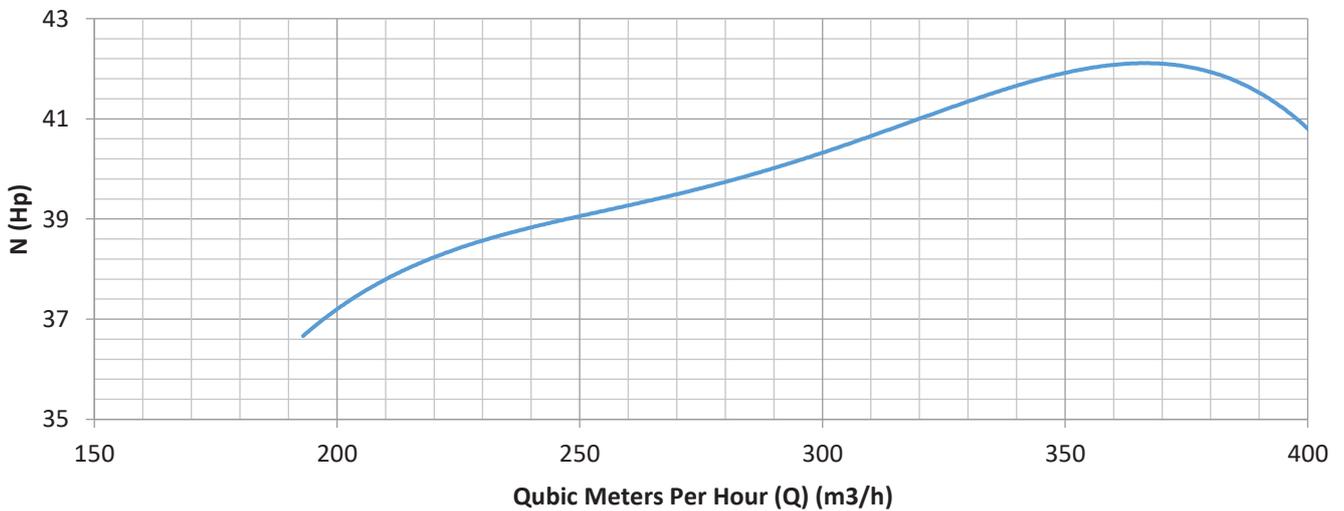
10 - MB_E Performance Table

Pump Type	Number of Stages	Motor Power		CAPACITY								
		Hp	Kw	m3/h	156	193	228	289	341	381	389	394
				L/min	43.3	53.6	63.3	80.3	94.7	105.8	108.1	109.4
10MB-E/1	1	50	37	Total Head (meters)	38	35	33	28	25	23	20	18
10MB-E/2	2	90	67		75	70	65	55	50	45	40	35
10MB-E/3	3	125	93		111	104	97	84	74	65	58	52
10MB-E/4	4	175	130		150	140	130	110	100	90	80	70
10MB-E/6	6	250	185		224	209	195	166	149	132	118	104

Performance Curve For 10-MB E



Brake Horse Power (hp) Vs Q (for one stage)



Contacto



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