



6" Product data

Stainless steel submersible bore well pumps

Construction

- Submersible motor & pumps for deep wells of 6" (DN 150mm)
- Sized for connection to the motor according to NEMA standards.
- Delivery casing with built-in non-return valve.
- All standard pumps are completely manufactured out of stainless steel AISI 304 sheet metal.
- Impellers:
 - Mixed flow impellers
 - 3MS6, 4MS8, 5MS10, 6MS12, 8MS16, 10MS20, 12MS22, 10HMS17, 12HMS20, 15HMS24
- Connection: Screwed pipe connection with NPT thread as standard.

Applications

- Water supply
- Irrigation
- Civil
- Industrial
- Fire fighting

Performance range

- Flow range: Max. 35 m³/h
- Head range: Max 700m

Operating conditions

- Liquid temperature: 0°C to +45°C
- Max. sand content into the water: 50 g/m³
- Max. starts per hour: 20 at regular intervals
- Direction of rotation: Clockwise as seen from the pump coupling side

Special construction on request

- Also available in stainless steel AISI 316 material.
- Also available with BSP thread pipe connection.

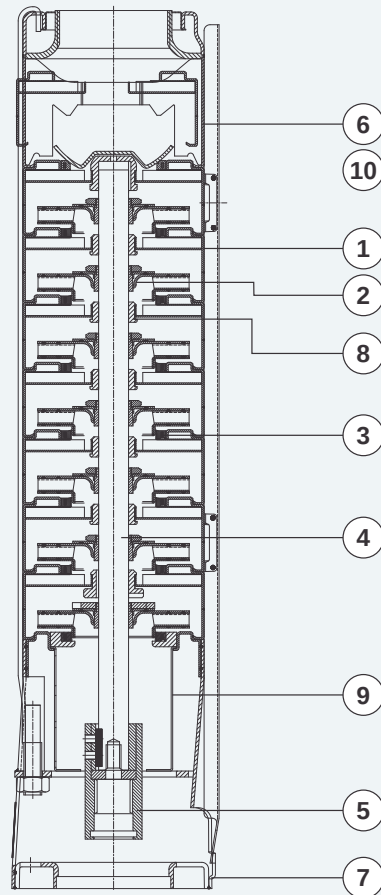




6" Construction

Stainless steel submersible bore well pumps

Sectional Drawing



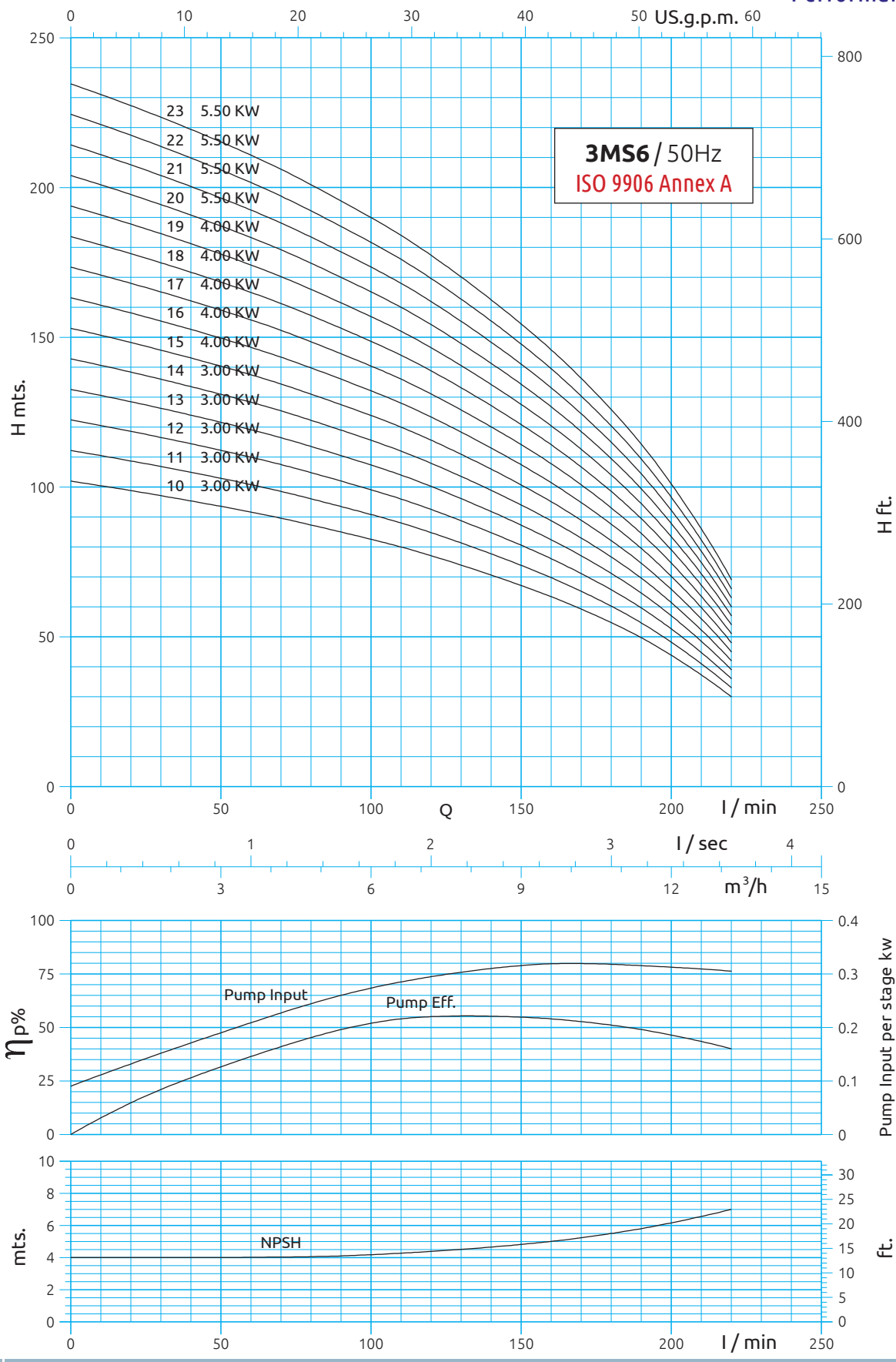
MS Type Pump
4MS8, 6MS12, 8MS15, 10MS17, 12MS19, 15MS21

Materials

Pos.	Component	Material
1	Bowl / Diffuser	Stainless steel AISI 304
2	Impeller	Stainless steel AISI 304
3	Neck ring	NBR
4	Shaft	Stainless steel AISI 431
5	Couple	Stainless steel AISI 316
6	Delivery casing	Stainless steel AISI 304
7	Suction case	Stainless steel AISI 304
8	Bearing bush	NBR
9	Strainer	Stainless steel AISI 304
10	Connector	Stainless steel AISI 304



Performance Curve





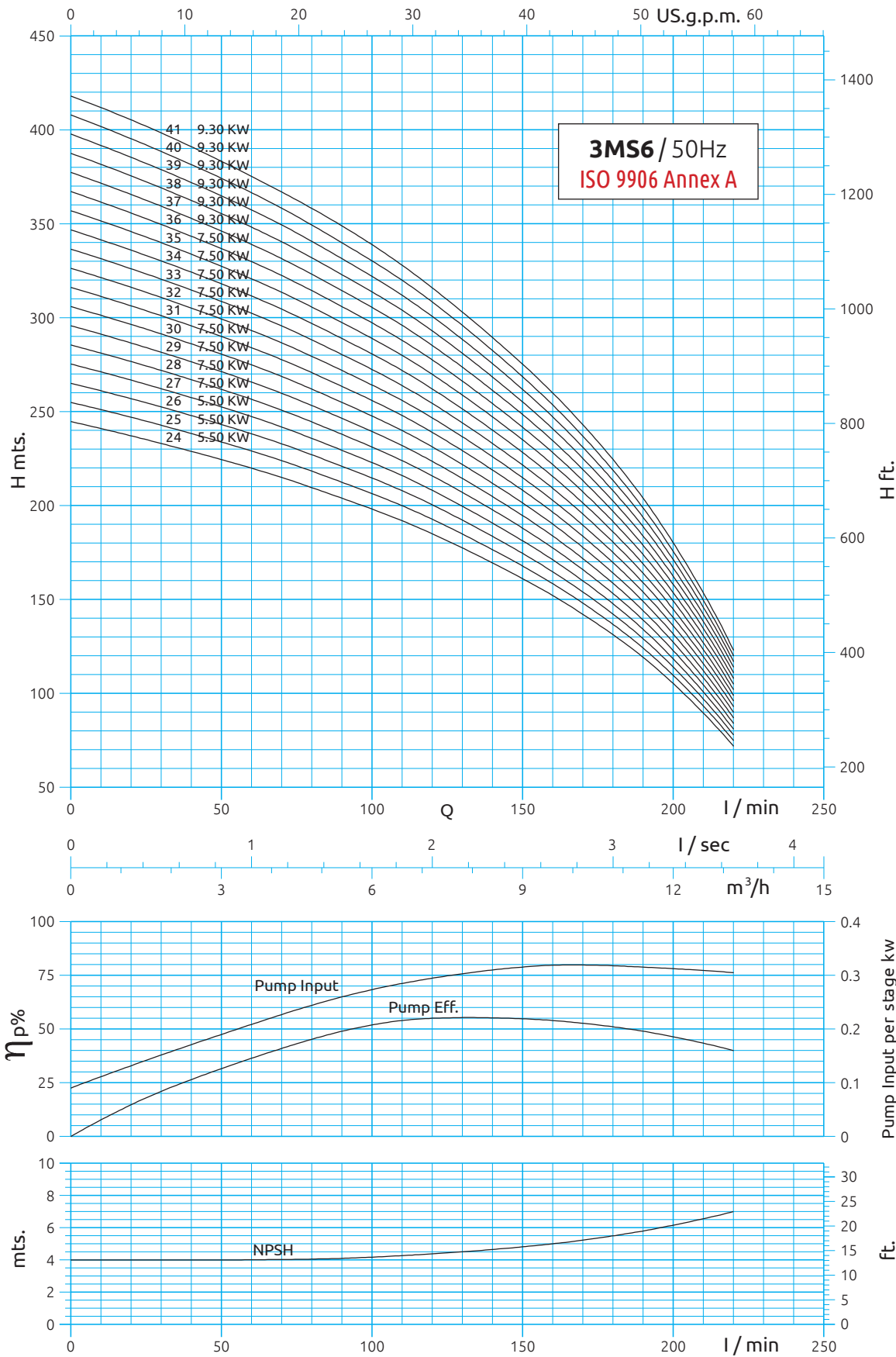
Performance Table

Radial Flow 6" Electric Submersible Pump

3MS6			Q	n = 2900 rpm						
			M³/h	0	4.2	5.4	6.6	9.6	11.4	13.2
			l/min.	0	70	90	110	160	190	220
Model	Motor Rating		Total Head In Meters							
	HP	KW								
3MS6/10	4.0	3.0	102	90	85	80	63	50	30	
3MS6/11	4.0	3.0	112	99	94	88	70	55	33	
3MS6/12	4.0	3.0	122	108	102	96	76	60	36	
3MS6/13	4.0	3.0	133	116	111	104	82	65	39	
3MS6/14	4.0	3.0	143	125	119	112	89	70	42	
3MS6/15	5.5	4.0	153	134	128	120	95	75	45	
3MS6/16	5.5	4.0	163	143	136	128	101	80	48	
3MS6/17	5.5	4.0	173	152	145	136	108	84	51	
3MS6/18	5.5	4.0	184	161	153	144	114	89	54	
3MS6/19	5.5	4.0	194	170	162	152	120	94	57	
3MS6/20	7.5	5.5	204	179	170	160	127	99	60	
3MS6/21	7.5	5.5	214	188	179	168	133	104	63	
3MS6/22	7.5	5.5	224	197	187	176	139	109	66	
3MS6/23	7.5	5.5	235	206	196	184	146	114	69	



Performance Curve





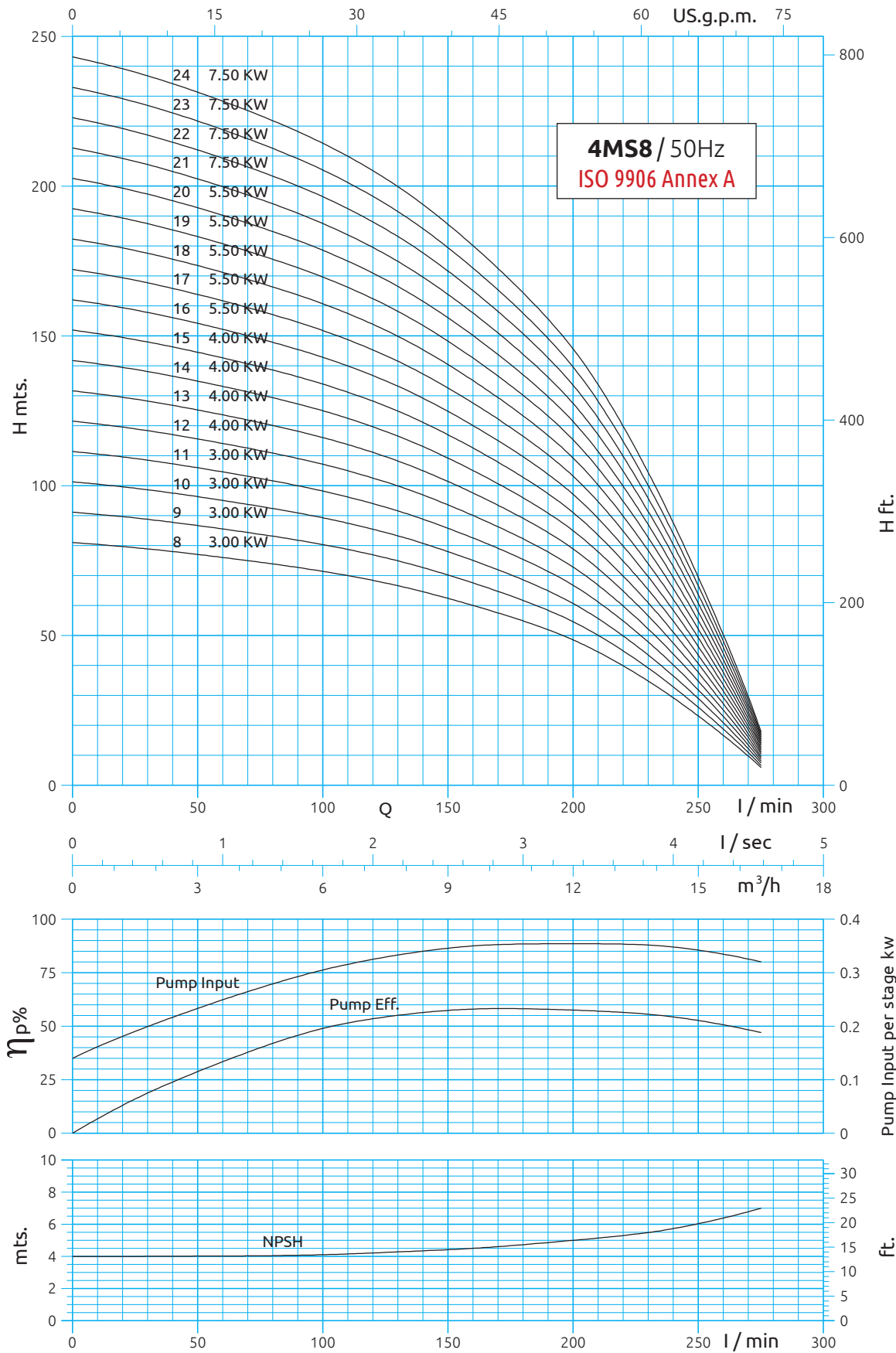
Performance Table

Radial Flow 6" Electric Submersible Pump

3MS6		Q	n = 2900 rpm						
		M³/h	0	4.2	5.4	6.6	9.6	11.4	13.2
		l/min.	0	70	90	110	160	190	220
Model	Motor Rating		Total Head In Meters						
	HP	KW							
3MS6/24	7.50	5.50	245	215	204	192	152	119	72
3MS6/25	7.50	5.50	255	224	213	200	159	124	75
3MS6/26	7.50	5.50	265	233	221	208	165	129	78
3MS6/27	10.0	7.50	275	242	230	216	171	134	81
3MS6/28	10.0	7.50	286	251	238	224	178	139	84
3MS6/29	10.0	7.50	296	260	247	232	184	144	87
3MS6/30	10.0	7.50	306	269	255	240	190	149	90
3MS6/31	10.0	7.50	316	278	264	248	197	154	93
3MS6/32	10.0	7.50	326	287	272	256	203	159	96
3MS6/33	10.0	7.50	337	296	281	264	209	164	99
3MS6/34	10.0	7.50	347	305	289	272	216	169	102
3MS6/35	10.0	7.50	357	314	298	280	222	174	105
3MS6/36	12.5	9.30	367	323	306	288	228	179	108
3MS6/37	12.5	9.30	377	332	315	296	235	184	111
3MS6/38	12.5	9.30	388	340	323	304	241	189	114
3MS6/39	12.5	9.30	398	349	332	312	247	194	117
3MS6/40	12.5	9.30	408	358	340	320	254	199	120
3MS6/41	12.5	9.30	418	367	349	328	260	204	123



Performance Curve



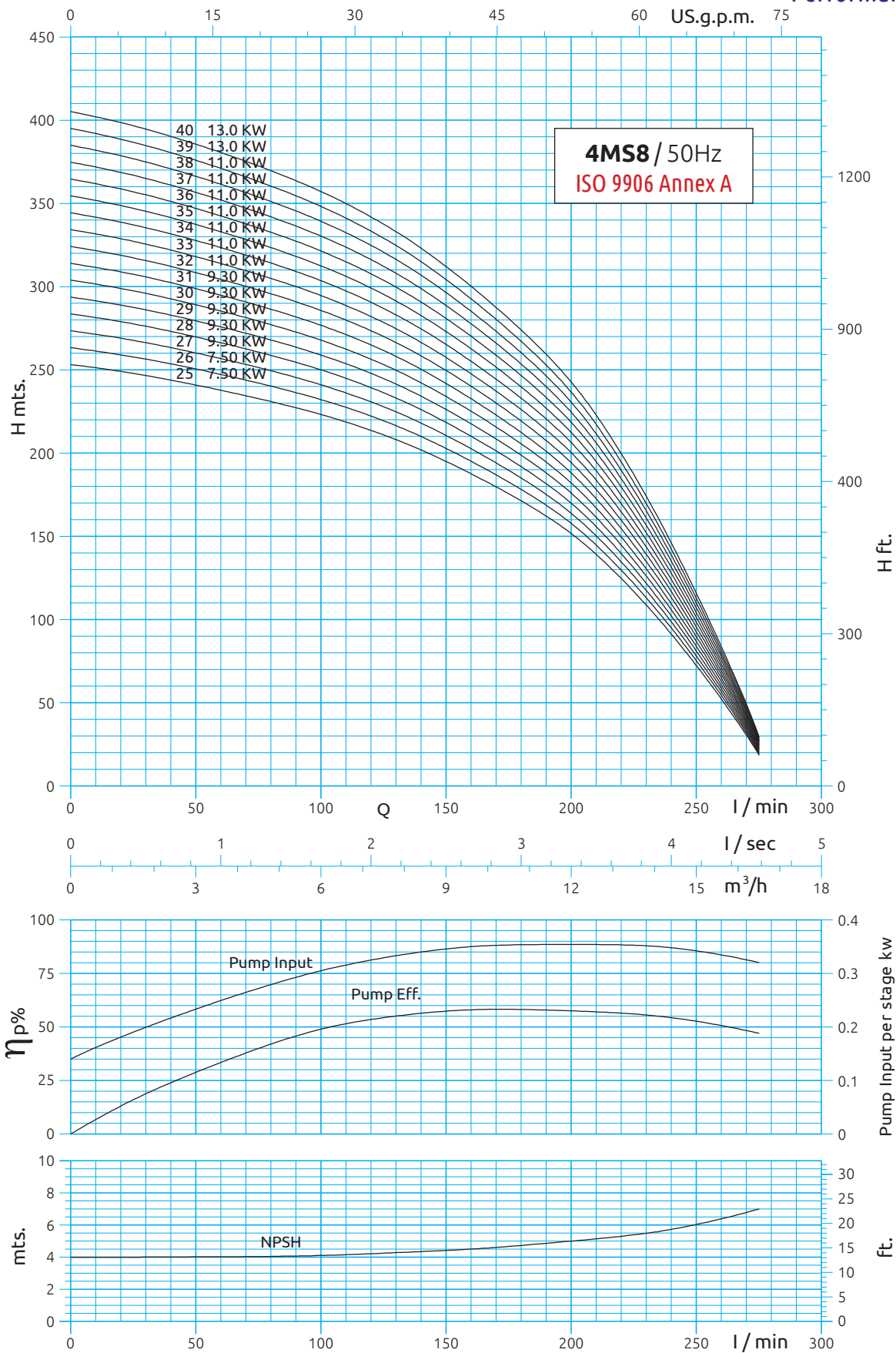


Performance Table

Radial Flow 6" Electric Submersible Pump									
4MS8		Q	n = 2900 rpm						
		M³/h	0	6	8	9.6	12	14.1	16.5
		l/min.	0	100	133	160	200	235	275
Model	Motor Rating		Total Head In Meters						
	HP	KW							
4MS8/8	4.00	3.00	81	71	66	60	49	32	6
4MS8/9	4.00	3.00	91	80	74	68	55	36	7
4MS8/10	4.00	3.00	101	89	83	75	61	40	7
4MS8/11	4.00	3.00	111	98	91	83	67	44	8
4MS8/12	5.50	4.00	122	107	99	90	73	48	9
4MS8/13	5.50	4.00	132	116	107	98	79	52	10
4MS8/14	5.50	4.00	142	125	116	105	85	56	10
4MS8/15	5.50	4.00	152	134	124	113	91	60	11
4MS8/16	7.50	5.50	162	143	132	120	97	64	12
4MS8/17	7.50	5.50	172	152	140	128	103	68	13
4MS8/18	7.50	5.50	182	161	149	135	109	72	13
4MS8/19	7.50	5.50	192	170	157	143	115	76	14
4MS8/20	7.50	5.50	203	179	165	150	121	80	15
4MS8/21	10.0	7.50	213	187	173	158	127	84	15
4MS8/22	10.0	7.50	223	196	182	165	133	88	16
4MS8/23	10.0	7.50	233	205	190	173	139	92	17
4MS8/24	10.0	7.50	243	214	198	180	146	96	18



Performance Curve





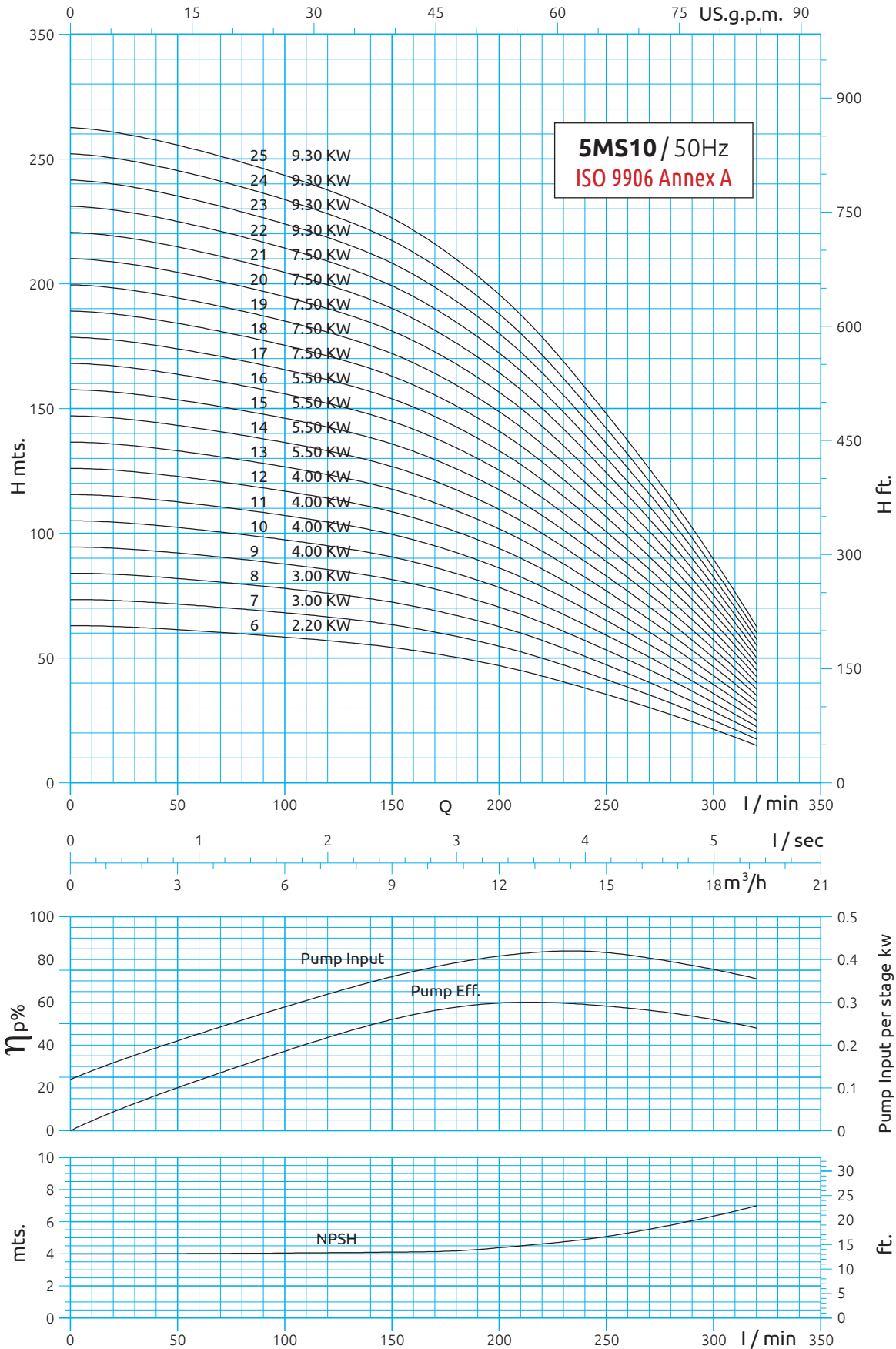
Performance Table

Radial Flow 6" Electric Submersible Pump

4MS8		Q	n = 2900 rpm						
		M³/h	0	6	8	9.6	12	14.1	16.5
		l/min.	0	100	133	160	200	235	275
Model	Motor Rating		Total Head In Meters						
	HP	KW							
4MS8/25	10.0	7.50	253	223	206	188	152	100	18
4MS8/26	10.0	7.50	263	232	215	195	158	104	19
4MS8/27	12.5	9.30	273	241	223	203	164	108	20
4MS8/28	12.5	9.30	284	250	231	210	170	112	21
4MS8/29	12.5	9.30	294	259	239	218	176	116	21
4MS8/30	12.5	9.30	304	268	248	225	182	120	22
4MS8/31	12.5	9.30	314	277	256	233	188	124	23
4MS8/32	15.0	11.0	324	286	264	240	194	128	24
4MS8/33	15.0	11.0	334	295	272	248	200	132	24
4MS8/34	15.0	11.0	344	303	281	255	206	136	25
4MS8/35	15.0	11.0	354	312	289	263	212	140	26
4MS8/36	15.0	11.0	365	321	297	270	218	144	27
4MS8/37	15.0	11.0	375	330	305	278	224	148	27
4MS8/38	15.0	11.0	385	339	314	285	230	152	28
4MS8/39	17.5	13.0	395	348	322	293	236	156	29
4MS8/40	17.5	13.0	405	357	330	300	243	160	30



Performance Curve



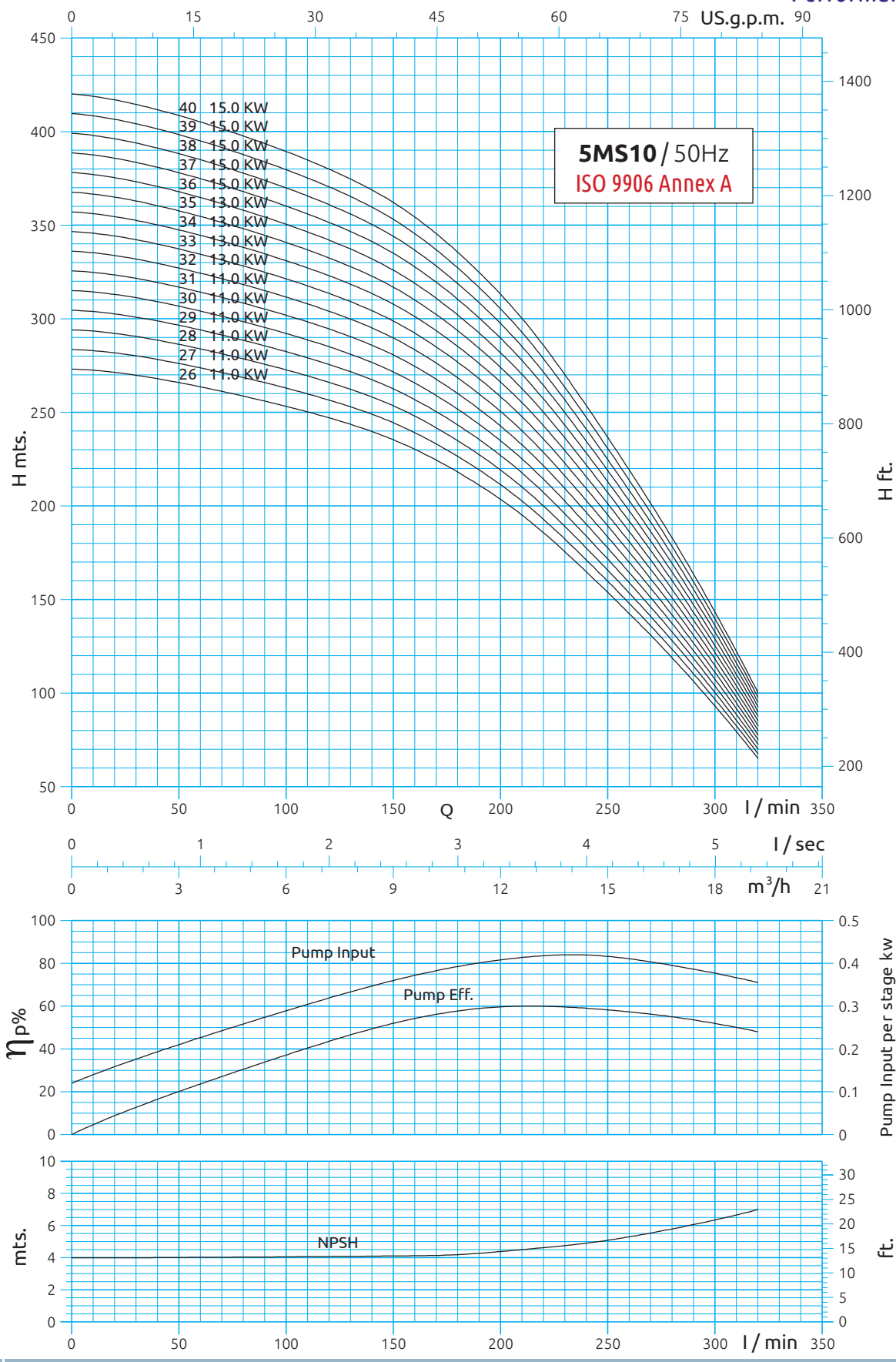


Performance Table

Radial Flow 6” Electric Submersible Pump									
5MS10		Q	n = 2900 rpm						
		M³/h	0	9	10.9	12.6	14.4	16.8	19.2
		l/min.	0	150	182	210	240	280	320
Model	Motor Rating		Total Head In Meters						
	HP	KW							
5MS10/6	3.00	2.20	63	54	50	45	38	27	15
5MS10/7	4.00	3.00	74	63	58	53	44	32	18
5MS10/8	4.00	3.00	84	72	67	60	51	37	20
5MS10/9	5.50	4.00	95	81	75	68	57	41	23
5MS10/10	5.50	4.00	105	91	83	75	63	46	25
5MS10/11	5.50	4.00	116	100	92	83	70	50	28
5MS10/12	5.50	4.00	126	109	100	90	76	55	30
5MS10/13	7.50	5.50	137	118	108	98	82	59	33
5MS10/14	7.50	5.50	147	127	117	105	89	64	35
5MS10/15	7.50	5.50	158	136	125	113	95	69	38
5MS10/16	7.50	5.50	168	145	133	120	101	73	40
5MS10/17	10.0	7.50	179	154	142	128	108	78	43
5MS10/18	10.0	7.50	189	163	150	135	114	82	45
5MS10/19	10.0	7.50	200	172	158	143	120	87	48
5MS10/20	10.0	7.50	210	181	167	150	127	91	50
5MS10/21	10.0	7.50	221	190	175	158	133	96	53
5MS10/22	12.5	9.30	231	199	183	165	139	100	55
5MS10/23	12.5	9.30	242	208	192	173	146	105	58
5MS10/24	12.5	9.30	252	217	200	180	152	110	60
5MS10/25	12.5	9.30	263	226	208	188	158	114	63



Performance Curve



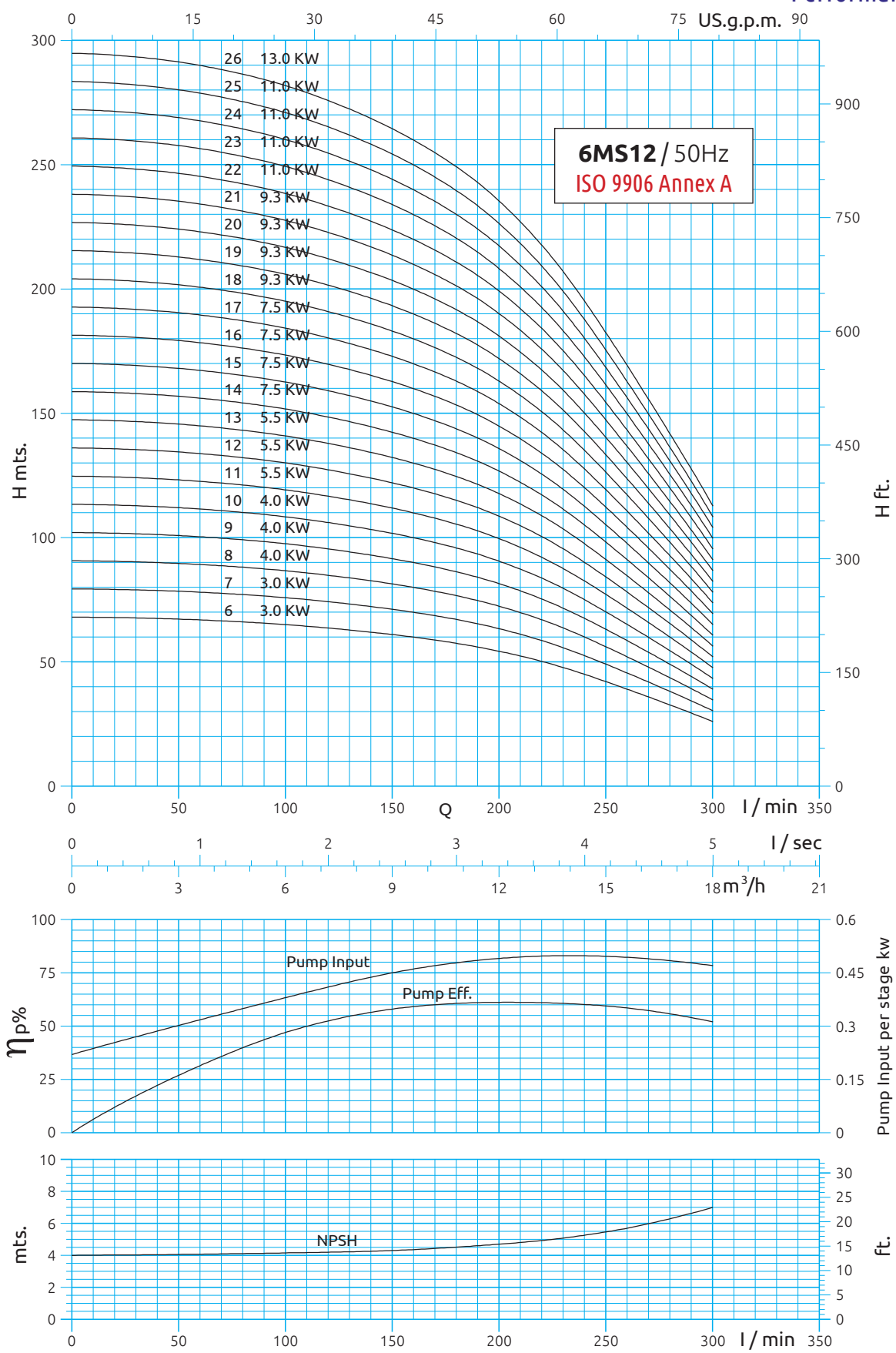


Performance Table

Radial Flow 6" Electric Submersible Pump									
5MS10			Q	n = 2900 rpm					
			M³/h	0	9	10.9	12.6	14.4	16.8
			l/min.	0	150	182	210	240	280
Model	Motor Rating		Total Head In Meters						
	HP	KW							
5MS10/26	15.0	11.0	273	235	217	195	165	119	65
5MS10/27	15.0	11.0	284	244	225	203	171	123	68
5MS10/28	15.0	11.0	294	253	233	210	177	128	70
5MS10/29	15.0	11.0	305	262	242	218	184	132	73
5MS10/30	15.0	11.0	315	272	250	225	190	137	75
5MS10/31	15.0	11.0	326	281	258	233	196	142	78
5MS10/32	17.5	13.0	336	290	267	240	203	146	80
5MS10/33	17.5	13.0	347	299	275	248	209	151	83
5MS10/34	17.5	13.0	357	308	283	255	215	155	85
5MS10/35	17.5	13.0	368	317	292	263	222	160	88
5MS10/36	20.0	15.0	378	326	300	270	228	164	90
5MS10/37	20.0	15.0	389	335	308	278	234	169	93
5MS10/38	20.0	15.0	399	344	317	285	241	174	95
5MS10/39	20.0	15.0	410	353	325	293	247	178	98
5MS10/40	20.0	15.0	420	362	333	300	253	183	100



Performance Curve





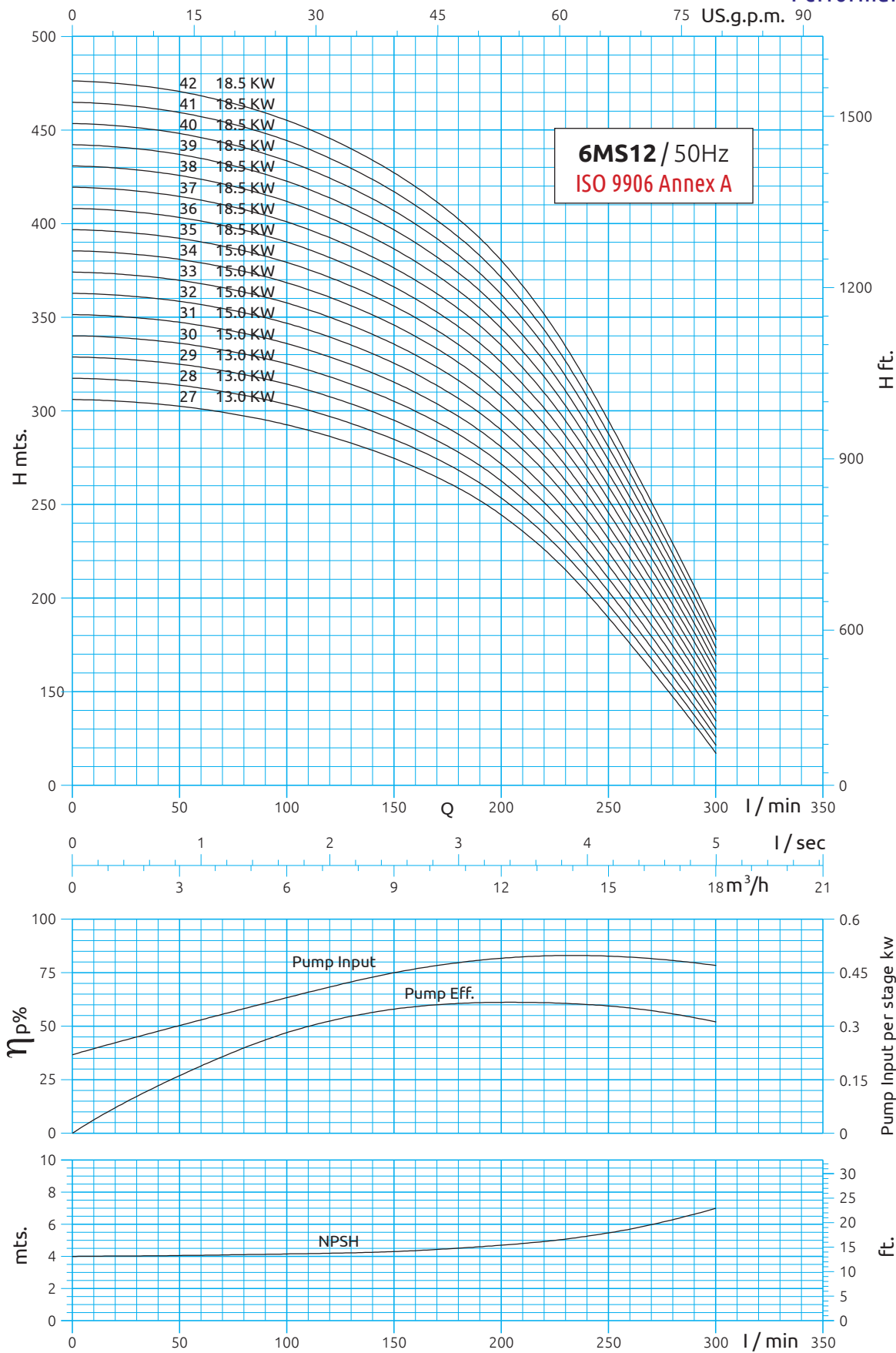
Performance Table

Radial Flow 6" Electric Submersible Pump

6MS12			Q	n = 2900 rpm						
			M³/h	0	6	9	11.4	13.5	15.6	18
			l/min.	0	100	152	190	225	260	300
Model	Motor Rating		Total Head In Meters							
	HP	KW								
6MS12/6	4.00	3.00	68	65	61	56	49	39	26	
6MS12/7	4.00	3.00	79	76	71	65	57	46	30	
6MS12/8	5.50	4.00	91	87	81	75	65	52	35	
6MS12/9	5.50	4.00	102	98	92	84	74	59	39	
6MS12/10	5.50	4.00	113	108	102	93	82	65	43	
6MS12/11	7.50	5.50	125	119	112	103	90	72	48	
6MS12/12	7.50	5.50	136	130	122	112	98	78	52	
6MS12/13	7.50	5.50	147	141	132	121	106	85	56	
6MS12/14	10.0	7.50	159	152	142	131	114	91	61	
6MS12/15	10.0	7.50	170	163	153	140	123	98	65	
6MS12/16	10.0	7.50	181	173	163	149	131	104	69	
6MS12/17	10.0	7.50	193	184	173	159	139	111	74	
6MS12/18	12.5	9.30	204	195	183	168	147	117	78	
6MS12/19	12.5	9.30	215	206	193	177	155	124	82	
6MS12/20	12.5	9.30	227	217	203	187	163	130	87	
6MS12/21	12.5	9.30	238	228	214	196	172	137	91	
6MS12/22	15.0	11.0	249	238	224	205	180	143	95	
6MS12/23	15.0	11.0	261	249	234	215	188	150	100	
6MS12/24	15.0	11.0	272	260	244	224	196	156	104	
6MS12/25	15.0	11.0	283	271	254	233	204	163	108	
6MS12/26	17.5	13.0	295	282	264	243	212	169	113	



Performance Curve





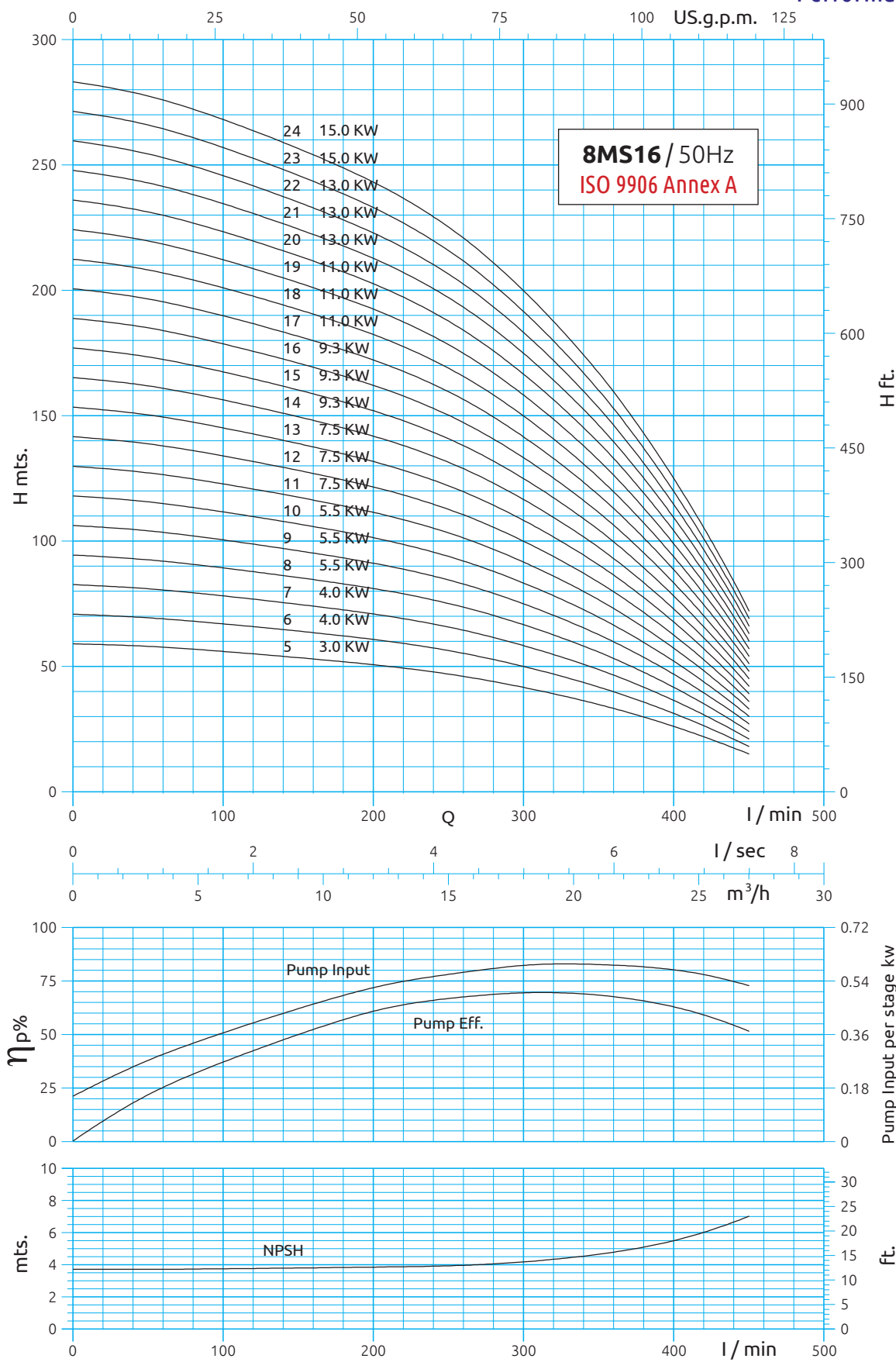
Performance Table

Radial Flow 6" Electric Submersible Pump

6MS12			Q	n = 2900 rpm						
			M³/h	0	6	9	11.4	13.5	15.6	18
			l/min.	0	100	152	190	225	260	300
Model	Motor Rating		Total Head In Meters							
	HP	KW								
6MS12/27	17.5	13.0	306	293	275	252	221	176	117	
6MS12/28	17.5	13.0	317	303	285	261	229	182	121	
6MS12/29	17.5	13.0	329	314	295	271	237	189	126	
6MS12/30	20.0	15.0	340	325	305	280	245	195	130	
6MS12/31	20.0	15.0	351	336	315	289	253	202	134	
6MS12/32	20.0	15.0	363	347	325	299	261	208	139	
6MS12/33	20.0	15.0	374	358	336	308	270	215	143	
6MS12/34	20.0	15.0	385	368	346	317	278	221	147	
6MS12/35	25.0	18.5	397	379	356	327	286	228	152	
6MS12/36	25.0	18.5	408	390	366	336	294	234	156	
6MS12/37	25.0	18.5	419	401	376	345	302	241	160	
6MS12/38	25.0	18.5	431	412	386	355	310	247	165	
6MS12/39	25.0	18.5	442	423	397	364	319	254	169	
6MS12/40	25.0	18.5	453	433	407	373	327	260	173	
6MS12/41	25.0	18.5	465	444	417	383	335	267	178	
6MS12/42	25.0	18.5	476	455	427	392	343	273	182	



Performance Curve



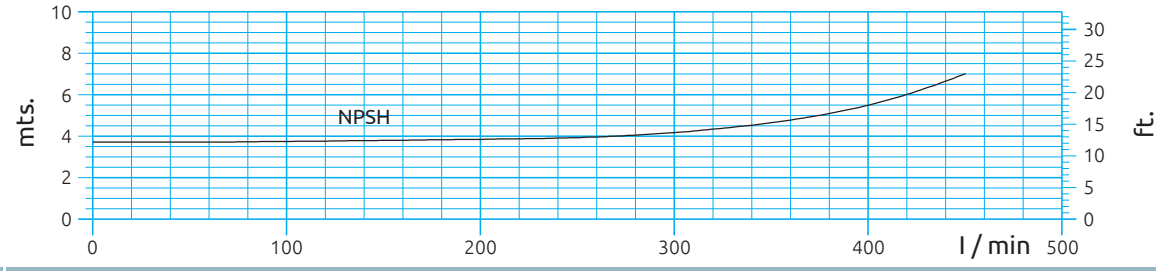
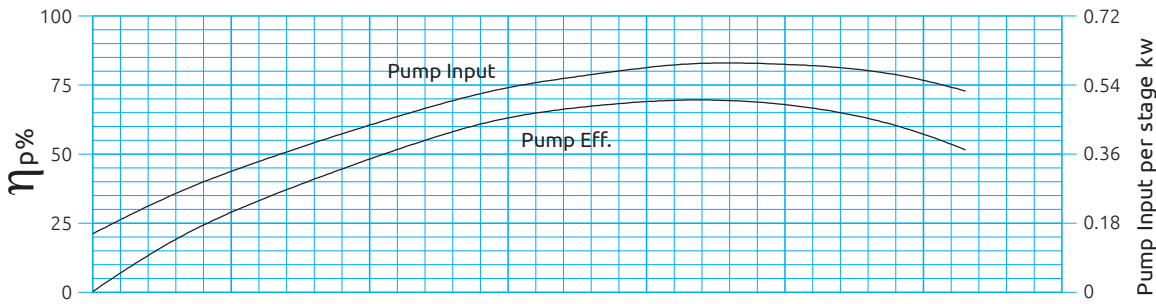
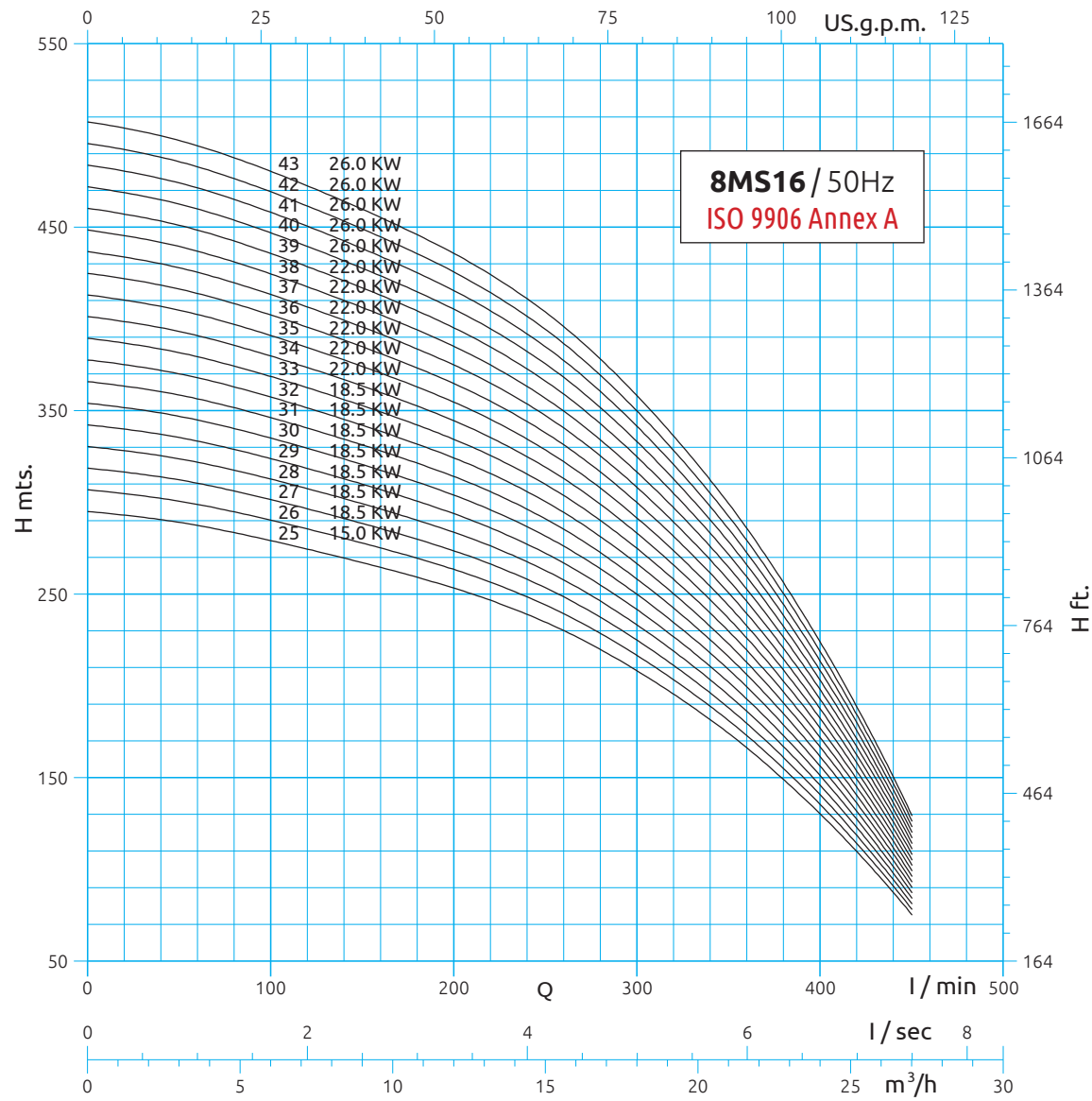


Performance Table

Radial Flow 6" Electric Submersible Pump									
8MS16		Q	n = 2900 rpm						
		M³/h	0	12.6	15.6	18.3	21.3	24.3	27
		l/min.	0	210	260	305	355	405	450
Model	Motor Rating		Total Head In Meters						
	HP	KW							
8MS16/5	4.00	3.00	59	50	46	41	34	25	15
8MS16/6	5.50	4.00	71	60	55	49	41	30	18
8MS16/7	5.50	4.00	83	70	64	57	48	35	21
8MS16/8	7.50	5.50	94	80	74	66	54	40	24
8MS16/9	7.50	5.50	106	90	83	74	61	45	27
8MS16/10	7.50	5.50	118	100	92	82	68	50	30
8MS16/11	10.0	7.50	130	110	101	90	75	55	33
8MS16/12	10.0	7.50	142	120	110	98	82	60	36
8MS16/13	10.0	7.50	153	130	120	107	88	65	39
8MS16/14	12.5	9.30	165	140	129	115	95	70	42
8MS16/15	12.5	9.30	177	150	138	123	102	75	45
8MS16/16	12.5	9.30	189	160	147	131	109	80	48
8MS16/17	15.0	11.0	201	170	156	139	116	85	51
8MS16/18	15.0	11.0	212	180	166	148	122	90	54
8MS16/19	15.0	11.0	224	190	175	156	129	95	57
8MS16/20	17.5	13.0	236	200	184	164	136	100	60
8MS16/21	17.5	13.0	248	210	193	172	143	105	63
8MS16/22	17.5	13.0	260	220	202	180	150	110	66
8MS16/23	20.0	15.0	271	230	212	189	156	115	69
8MS16/24	20.0	15.0	283	240	221	197	163	120	72



Performance Curve



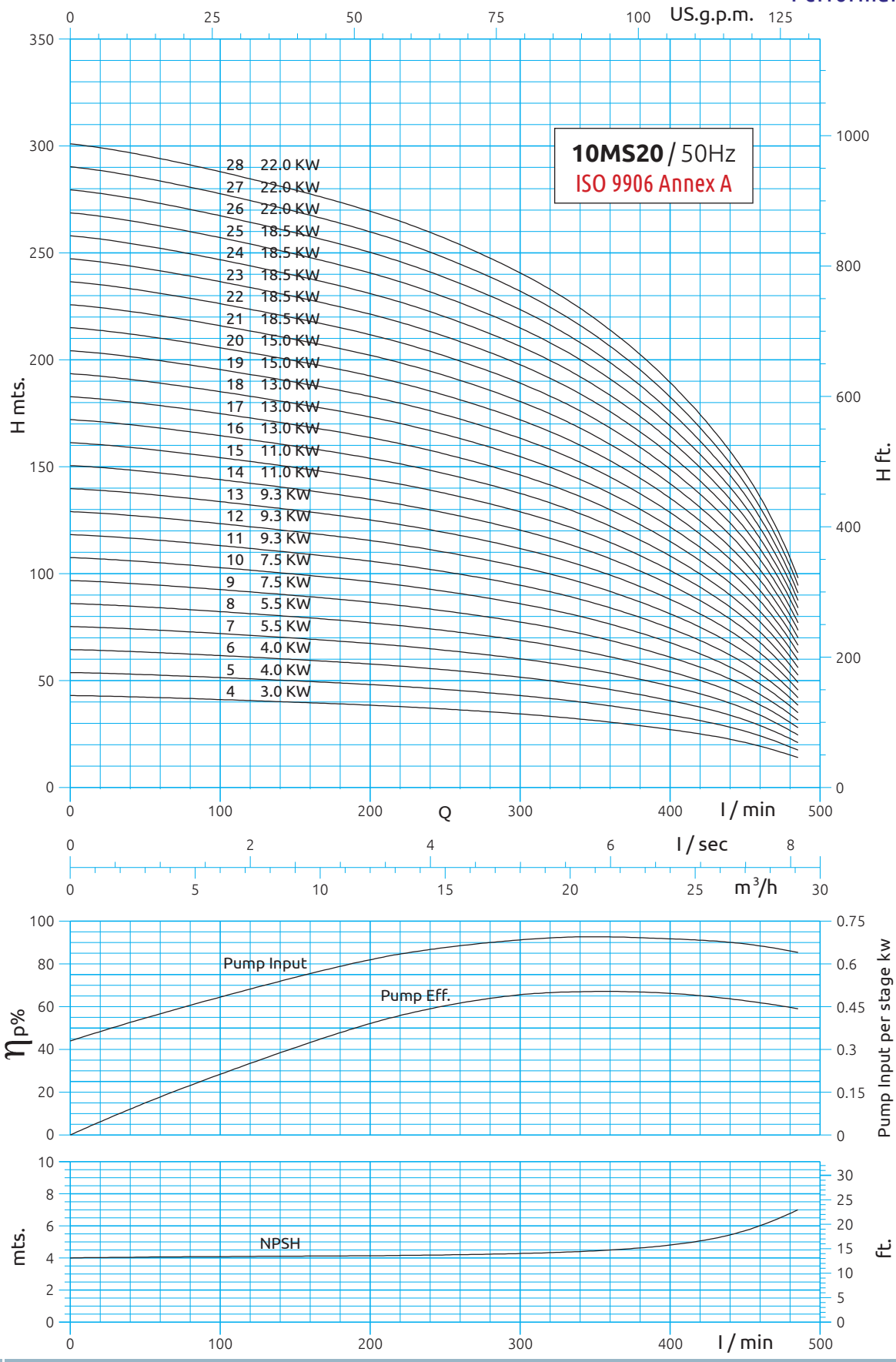


Performance Table

Radial Flow 6" Electric Submersible Pump									
8MS16		Q	n = 2900 rpm						
		M³/h	0	12.6	15.6	18.3	21.3	24.3	27
		l/min.	0	210	260	305	355	405	450
Model	Motor Rating		Total Head In Meters						
	HP	KW							
8MS16/25	20.0	15.0	295	250	230	205	170	125	75
8MS16/26	25.0	18.5	307	260	239	213	177	130	78
8MS16/27	25.0	18.5	319	270	248	221	184	135	81
8MS16/28	25.0	18.5	330	280	258	230	190	140	84
8MS16/29	25.0	18.5	342	290	267	238	197	145	87
8MS16/30	25.0	18.5	354	300	276	246	204	150	90
8MS16/31	25.0	18.5	366	310	285	254	211	155	93
8MS16/32	25.0	18.5	378	320	294	262	218	160	96
8MS16/33	30.0	22.0	389	330	304	271	224	165	99
8MS16/34	30.0	22.0	401	340	313	279	231	170	102
8MS16/35	30.0	22.0	413	350	322	287	238	175	105
8MS16/36	30.0	22.0	425	360	331	295	245	180	108
8MS16/37	30.0	22.0	437	370	340	303	252	185	111
8MS16/38	30.0	22.0	448	380	350	312	258	190	114
8MS16/39	35.0	26.0	460	390	359	320	265	195	117
8MS16/40	35.0	26.0	472	400	368	328	272	200	120
8MS16/41	35.0	26.0	484	410	377	336	279	205	123
8MS16/42	35.0	26.0	496	420	386	344	286	210	126
8MS16/43	35.0	26.0	507	430	396	353	292	215	129



Performance Curve



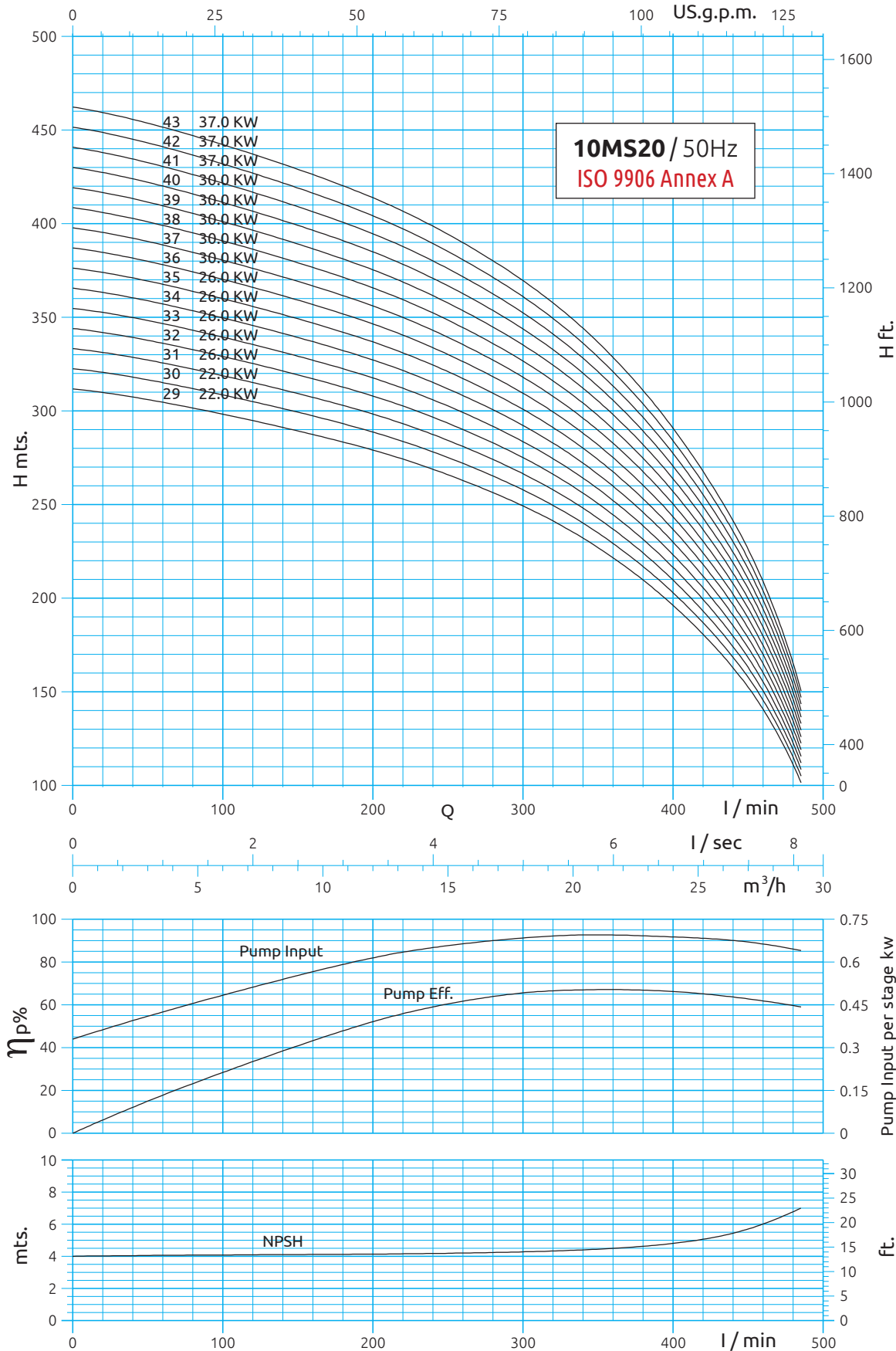


Performance Table

Radial Flow 6" Electric Submersible Pump									
10MS20		Q	n = 2900 rpm						
		M³/h	0	12.9	18.4	20.4	23.4	27	29.1
		l/min.	0	215	307	340	390	450	485
Model	Motor Rating		Total Head In Meters						
	HP	KW							
10MS20/4	4.00	3.00	43	38	34	32	28	21	14
10MS20/5	5.50	4.00	54	48	43	40	35	26	18
10MS20/6	5.50	4.00	65	57	51	48	42	32	21
10MS20/7	7.50	5.50	75	67	60	56	49	37	25
10MS20/8	7.50	5.50	86	76	68	64	56	42	28
10MS20/9	10.0	7.50	97	86	77	72	63	47	32
10MS20/10	10.0	7.50	108	95	85	80	70	53	35
10MS20/11	12.5	9.30	118	105	94	88	77	58	39
10MS20/12	12.5	9.30	129	114	102	96	84	63	42
10MS20/13	12.5	9.30	140	124	111	104	91	68	46
10MS20/14	15.0	11.0	151	133	119	112	98	74	49
10MS20/15	15.0	11.0	161	143	128	120	105	79	53
10MS20/16	17.5	13.0	172	152	136	128	112	84	56
10MS20/17	17.5	13.0	183	162	145	136	119	89	60
10MS20/18	17.5	13.0	194	171	153	144	126	95	63
10MS20/19	20.0	15.0	204	181	162	152	133	100	67
10MS20/20	20.0	15.0	215	190	170	160	140	105	70
10MS20/21	25.0	18.5	226	200	179	168	147	110	74
10MS20/22	25.0	18.5	237	209	187	176	154	116	77
10MS20/23	25.0	18.5	247	219	196	184	161	121	81
10MS20/24	25.0	18.5	258	228	204	192	168	126	84
10MS20/25	25.0	18.5	269	238	213	200	175	131	88
10MS20/26	30.0	22.0	280	247	221	208	182	137	91
10MS20/27	30.0	22.0	290	257	230	216	189	142	95
10MS20/28	30.0	22.0	301	266	238	224	196	147	98



Performance Curve



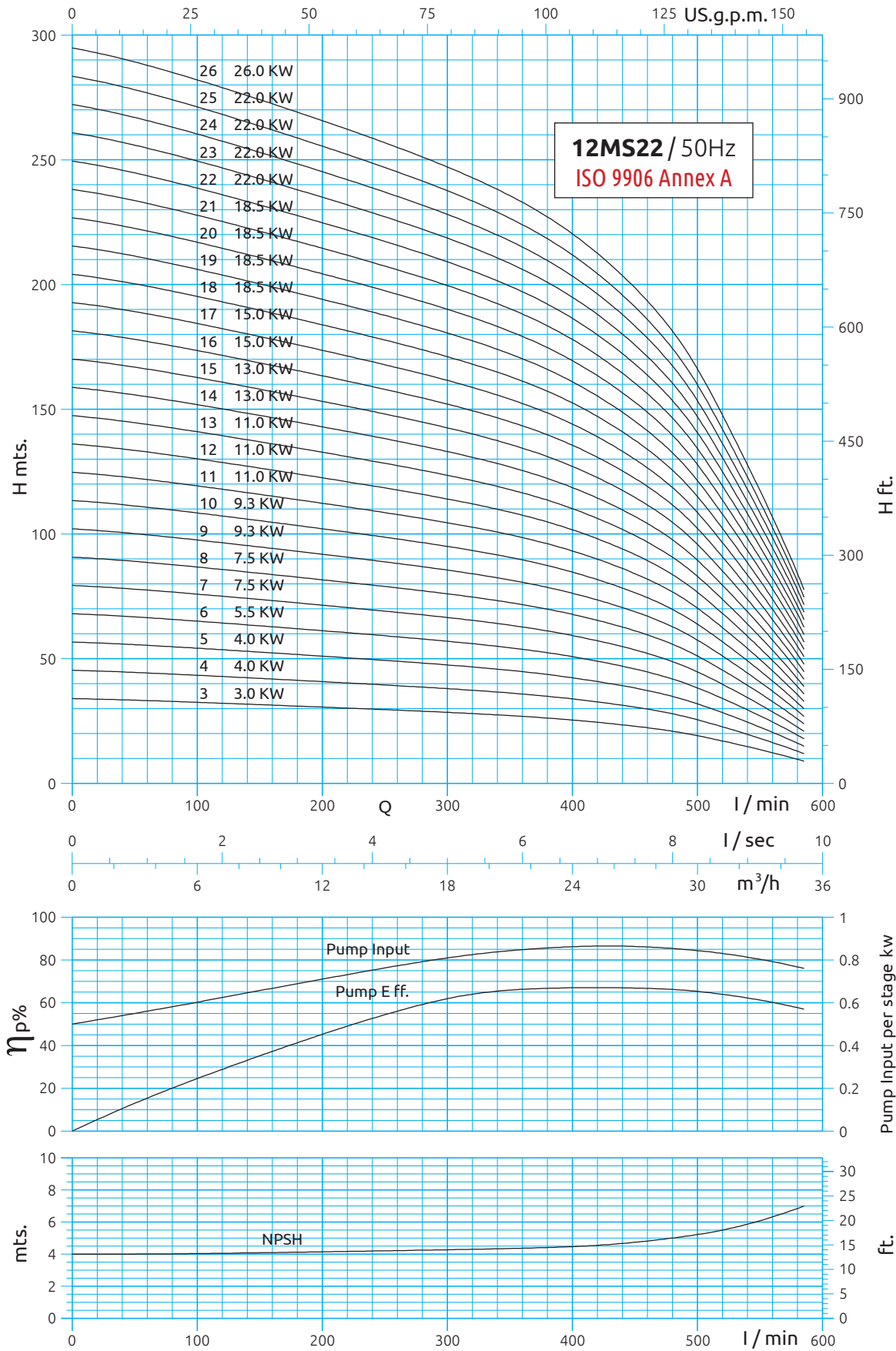


Performance Table

Radial Flow 6" Electric Submersible Pump									
10MS20		Q	n = 2900 rpm						
		M³/h	0	12.9	18.4	20.4	23.4	27	29.1
		l/min.	0	215	307	340	390	450	485
Model	Motor Rating		Total Head In Meters						
	HP	KW							
10MS20/29	30.0	22.0	312	276	247	232	203	152	102
10MS20/30	30.0	22.0	323	285	255	240	210	158	105
10MS20/31	35.0	26.0	333	295	264	248	217	163	109
10MS20/32	35.0	26.0	344	304	272	256	224	168	112
10MS20/33	35.0	26.0	355	314	281	264	231	173	116
10MS20/34	35.0	26.0	366	323	289	272	238	179	119
10MS20/35	35.0	26.0	376	333	298	280	245	184	123
10MS20/36	40.0	30.0	387	342	306	288	252	189	126
10MS20/37	40.0	30.0	398	352	315	296	259	194	130
10MS20/38	40.0	30.0	409	361	323	304	266	200	133
10MS20/39	40.0	30.0	419	371	332	312	273	205	137
10MS20/40	40.0	30.0	430	380	340	320	280	210	140
10MS20/41	50.0	37.0	441	390	349	328	287	215	144
10MS20/42	50.0	37.0	452	399	357	336	294	221	147
10MS20/43	50.0	37.0	462	409	366	344	301	226	151



Performance Curve



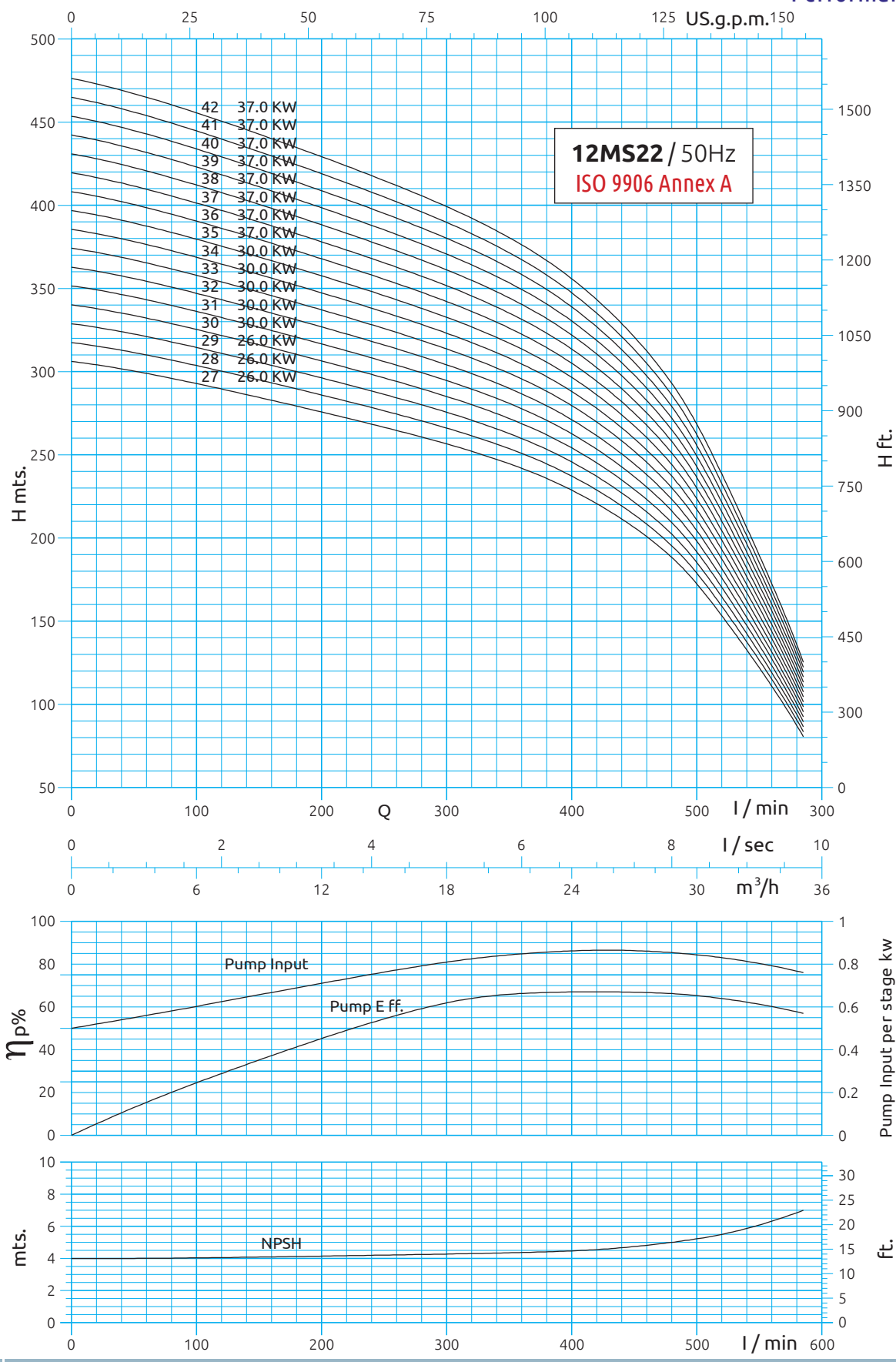


Performance Table

Radial Flow 6" Electric Submersible Pump									
12MS22		Q	n = 2900 rpm						
		M³/h	0	19.2	23.1	25.8	29.1	31.2	35.1
		l/min.	0	320	385	430	485	520	585
Model	Motor Rating		Total Head In Meters						
	HP	KW							
12MS22/3	4.00	3.00	34	28	26	24	21	17	9
12MS22/4	5.50	4.00	45	37	35	32	27	23	12
12MS22/5	5.50	4.00	57	47	43	40	34	28	15
12MS22/6	7.50	5.50	68	56	52	48	41	34	18
12MS22/7	10.0	7.50	79	65	61	56	48	40	21
12MS22/8	10.0	7.50	91	75	69	64	55	45	24
12MS22/9	12.5	9.30	102	84	78	72	62	51	27
12MS22/10	12.5	9.30	113	93	87	80	68	57	30
12MS22/11	15.0	11.0	125	103	95	88	75	62	33
12MS22/12	15.0	11.0	136	112	104	96	82	68	36
12MS22/13	15.0	11.0	147	121	113	104	89	74	39
12MS22/14	17.5	13.0	159	131	121	112	96	79	42
12MS22/15	17.5	13.0	170	140	130	120	103	85	45
12MS22/16	20.0	15.0	181	149	139	128	109	91	48
12MS22/17	20.0	15.0	193	159	147	136	116	96	51
12MS22/18	25.0	18.5	204	168	156	144	123	102	54
12MS22/19	25.0	18.5	215	177	165	152	130	108	57
12MS22/20	25.0	18.5	227	187	173	160	137	113	60
12MS22/21	25.0	18.5	238	196	182	168	144	119	63
12MS22/22	30.0	22.0	249	205	191	176	150	125	66
12MS22/23	30.0	22.0	261	215	199	184	157	130	69
12MS22/24	30.0	22.0	272	224	208	192	164	136	72
12MS22/25	30.0	22.0	283	233	217	200	171	142	75
12MS22/26	35.0	26.0	295	243	225	208	178	147	78



Performance Curve





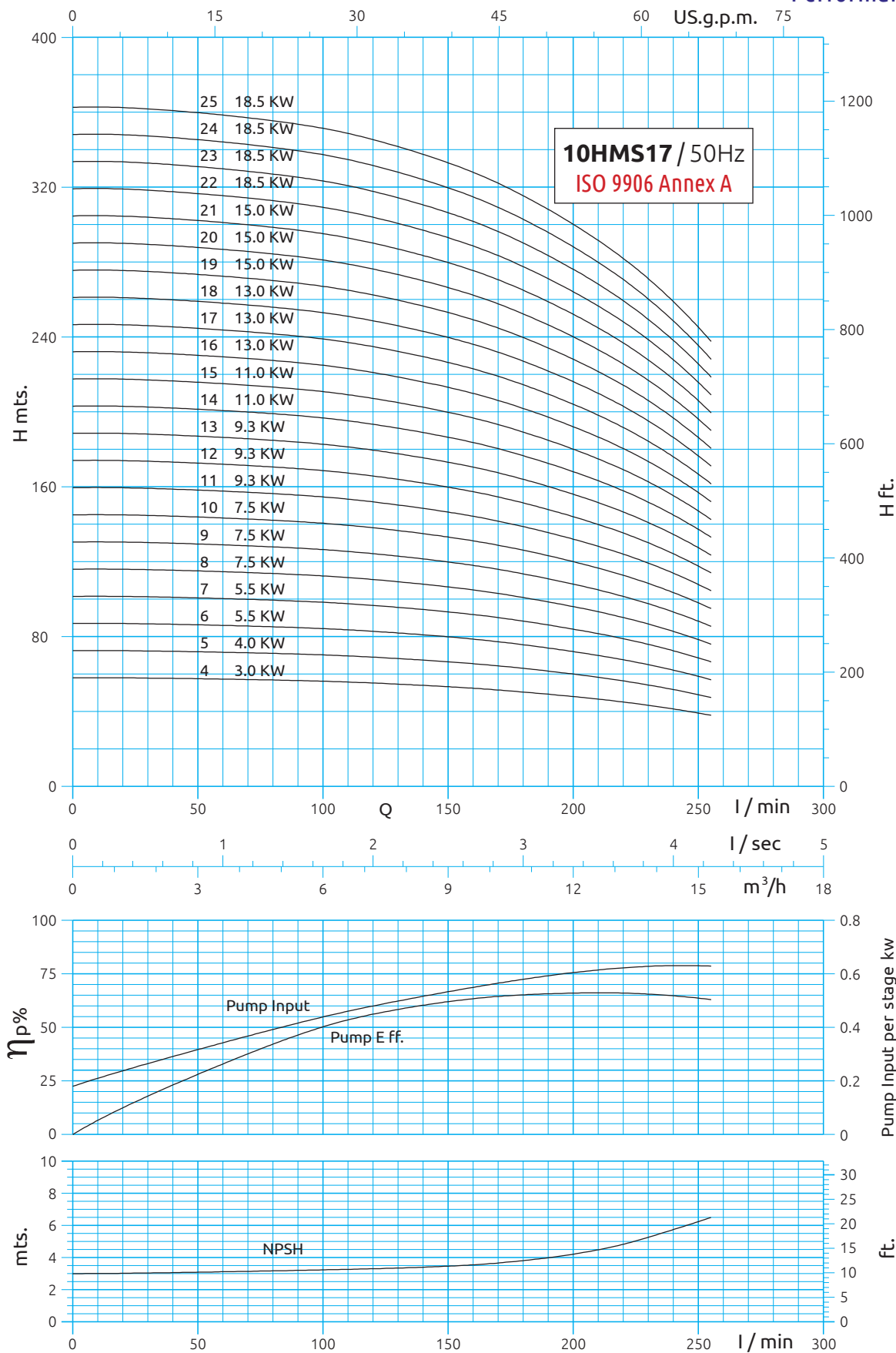
Performance Table

Radial Flow 6" Electric Submersible Pump

12MS22			Q	n = 2900 rpm						
			M³/h	0	19.2	23.1	25.8	29.1	31.2	35.1
			l/min.	0	320	385	430	485	520	585
Model	Motor Rating		Total Head In Meters							
	HP	KW								
12MS22/27	35.0	26.0	306	252	234	216	185	153	81	
12MS22/28	35.0	26.0	317	261	243	224	191	159	84	
12MS22/29	35.0	26.0	329	271	251	232	198	164	87	
12MS22/30	40.0	30.0	340	280	260	240	205	170	89	
12MS22/31	40.0	30.0	351	289	269	248	212	176	92	
12MS22/32	40.0	30.0	363	299	277	256	219	181	95	
12MS22/33	40.0	30.0	374	308	286	264	226	187	98	
12MS22/34	40.0	30.0	385	317	295	272	232	193	101	
12MS22/35	50.0	37.0	397	327	303	280	239	198	104	
12MS22/36	50.0	37.0	408	336	312	288	246	204	107	
12MS22/37	50.0	37.0	419	345	321	296	253	210	110	
12MS22/38	50.0	37.0	431	355	329	304	260	215	113	
12MS22/39	50.0	37.0	442	364	338	312	267	221	116	
12MS22/40	50.0	37.0	453	373	347	320	273	227	119	
12MS22/41	50.0	37.0	465	383	355	328	280	232	122	
12MS22/42	50.0	37.0	476	392	364	336	287	238	125	



Performance Curve



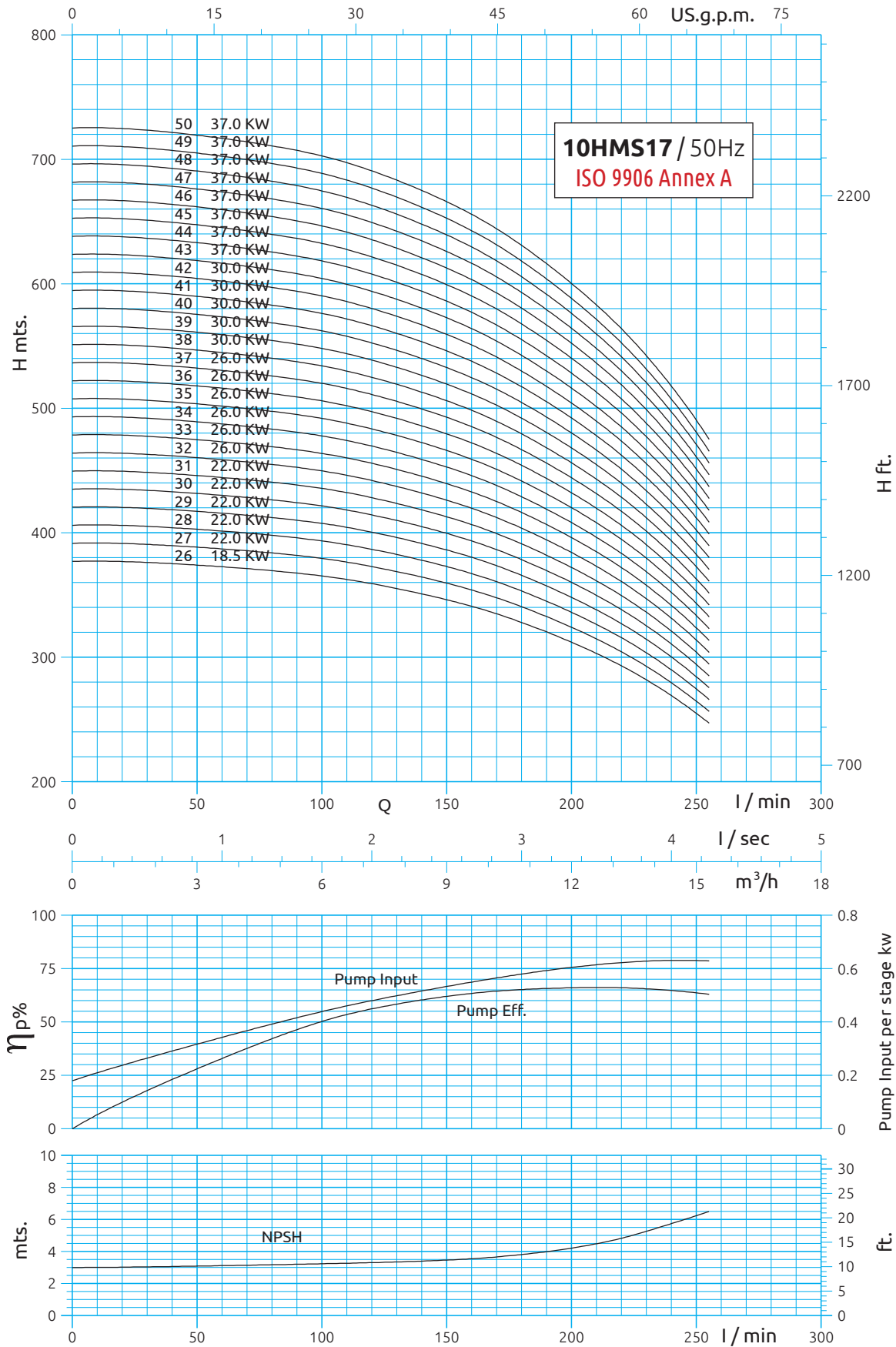


Performance Table

Radial Flow 6" Electric Submersible Pump									
10HMS17			Q	n = 2900 rpm					
			M³/h	0	6.3	9.9	12	13.2	14.2
			l/min.	0	105	165	200	221	237
Model	Motor Rating		Total Head In Meters						
	HP	KW							
10HMS17/4	4.00	3.00	58	56	52	48	45	42	38
10HMS17/5	5.50	4.00	73	70	65	60	56	53	48
10HMS17/6	7.50	5.50	87	84	78	72	68	63	57
10HMS17/7	7.50	5.50	102	98	91	84	79	74	67
10HMS17/8	10.0	7.50	116	112	104	96	90	84	76
10HMS17/9	10.0	7.50	131	126	117	108	101	95	86
10HMS17/10	10.0	7.50	145	140	130	120	113	105	95
10HMS17/11	12.5	9.30	160	154	143	132	124	116	105
10HMS17/12	12.5	9.30	174	168	156	144	135	126	114
10HMS17/13	12.5	9.30	189	182	169	156	146	137	124
10HMS17/14	15.0	11.0	203	196	182	168	158	147	133
10HMS17/15	15.0	11.0	218	210	195	180	169	158	143
10HMS17/16	17.5	13.0	232	224	208	192	180	168	152
10HMS17/17	17.5	13.0	247	238	221	204	191	179	162
10HMS17/18	17.5	13.0	261	252	234	216	203	189	171
10HMS17/19	20.0	15.0	276	266	247	228	214	200	181
10HMS17/20	20.0	15.0	290	280	260	240	225	210	190
10HMS17/21	20.0	15.0	305	294	273	252	236	221	200
10HMS17/22	25.0	18.5	319	308	286	264	248	231	209
10HMS17/23	25.0	18.5	334	322	299	276	259	242	219
10HMS17/24	25.0	18.5	348	336	312	288	270	252	228
10HMS17/25	25.0	18.5	363	350	325	300	281	263	238



Performance Curve



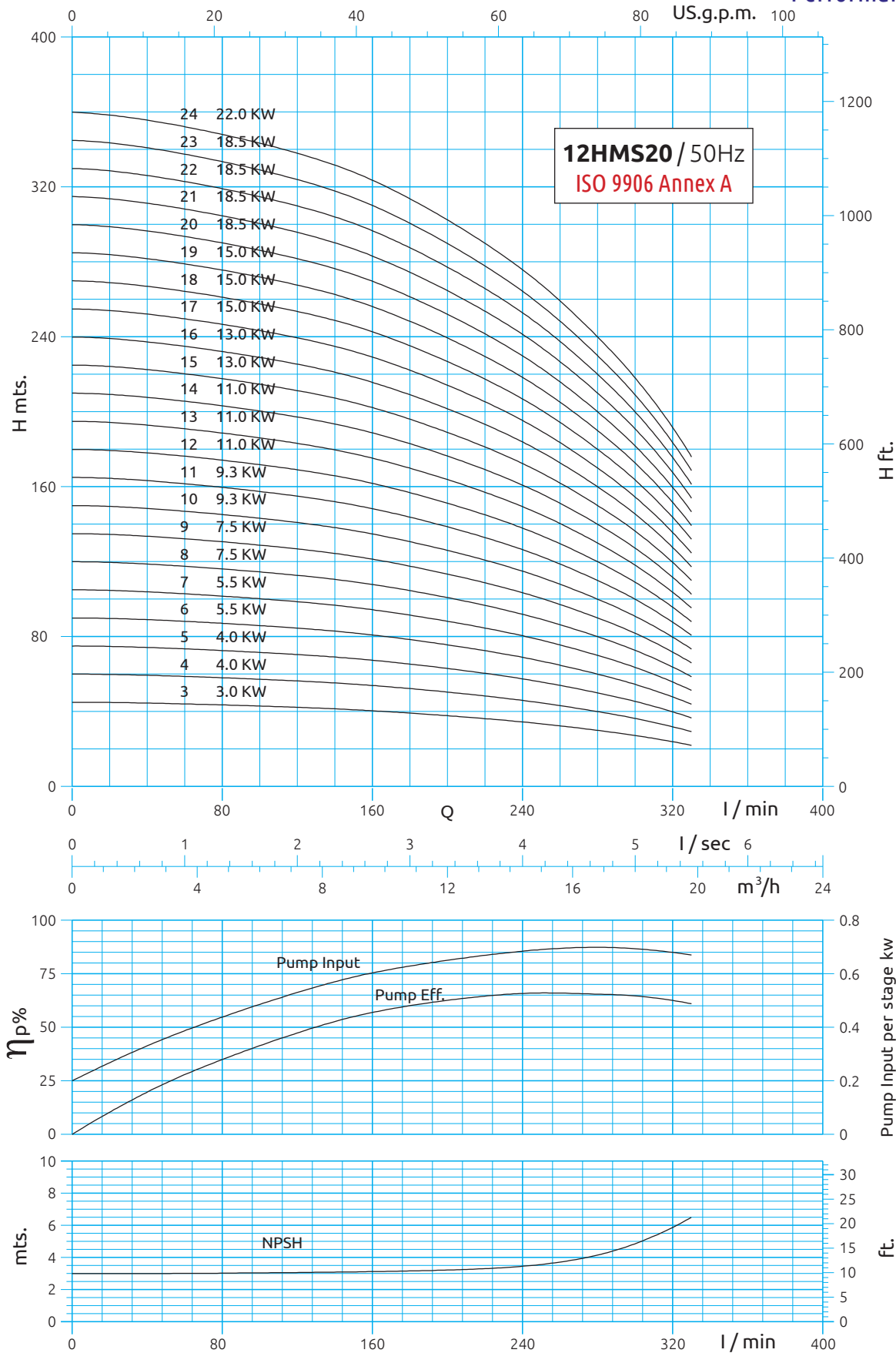


Performance Table

Radial Flow 6" Electric Submersible Pump									
10HMS17			Q	n = 2900 rpm					
			M³/h	0	6.3	9.9	12	13.2	14.2
			l/min.	0	105	165	200	221	237
Model	Motor Rating		Total Head In Meters						
	HP	KW							
10HMS17/26	25.0	18.5	377	364	338	312	293	273	247
10HMS17/27	30.0	22.0	392	378	351	324	304	284	257
10HMS17/28	30.0	22.0	406	392	364	336	315	294	266
10HMS17/29	30.0	22.0	421	406	377	348	326	305	276
10HMS17/30	30.0	22.0	435	420	390	360	338	315	285
10HMS17/31	30.0	22.0	450	434	403	372	349	326	295
10HMS17/32	35.0	26.0	464	448	416	384	360	336	304
10HMS17/33	35.0	26.0	479	462	429	396	371	347	314
10HMS17/34	35.0	26.0	493	476	442	408	383	357	323
10HMS17/35	35.0	26.0	508	490	455	420	394	368	333
10HMS17/36	35.0	26.0	522	504	468	432	405	378	342
10HMS17/37	35.0	26.0	537	518	481	444	416	389	352
10HMS17/38	40.0	30.0	551	532	494	456	428	399	361
10HMS17/39	40.0	30.0	566	546	507	468	439	410	371
10HMS17/40	40.0	30.0	580	560	520	480	450	420	380
10HMS17/41	40.0	30.0	595	574	533	492	461	431	390
10HMS17/42	40.0	30.0	609	588	546	504	473	441	399
10HMS17/43	50.0	37.0	624	602	559	516	484	452	409
10HMS17/44	50.0	37.0	638	616	572	528	495	462	418
10HMS17/45	50.0	37.0	653	630	585	540	506	473	428
10HMS17/46	50.0	37.0	667	644	598	552	518	483	437
10HMS17/47	50.0	37.0	682	658	611	564	529	494	447
10HMS17/48	50.0	37.0	696	672	624	576	540	504	456
10HMS17/49	50.0	37.0	711	686	637	588	551	515	466
10HMS17/50	50.0	37.0	725	700	650	600	563	525	475



Performance Curve



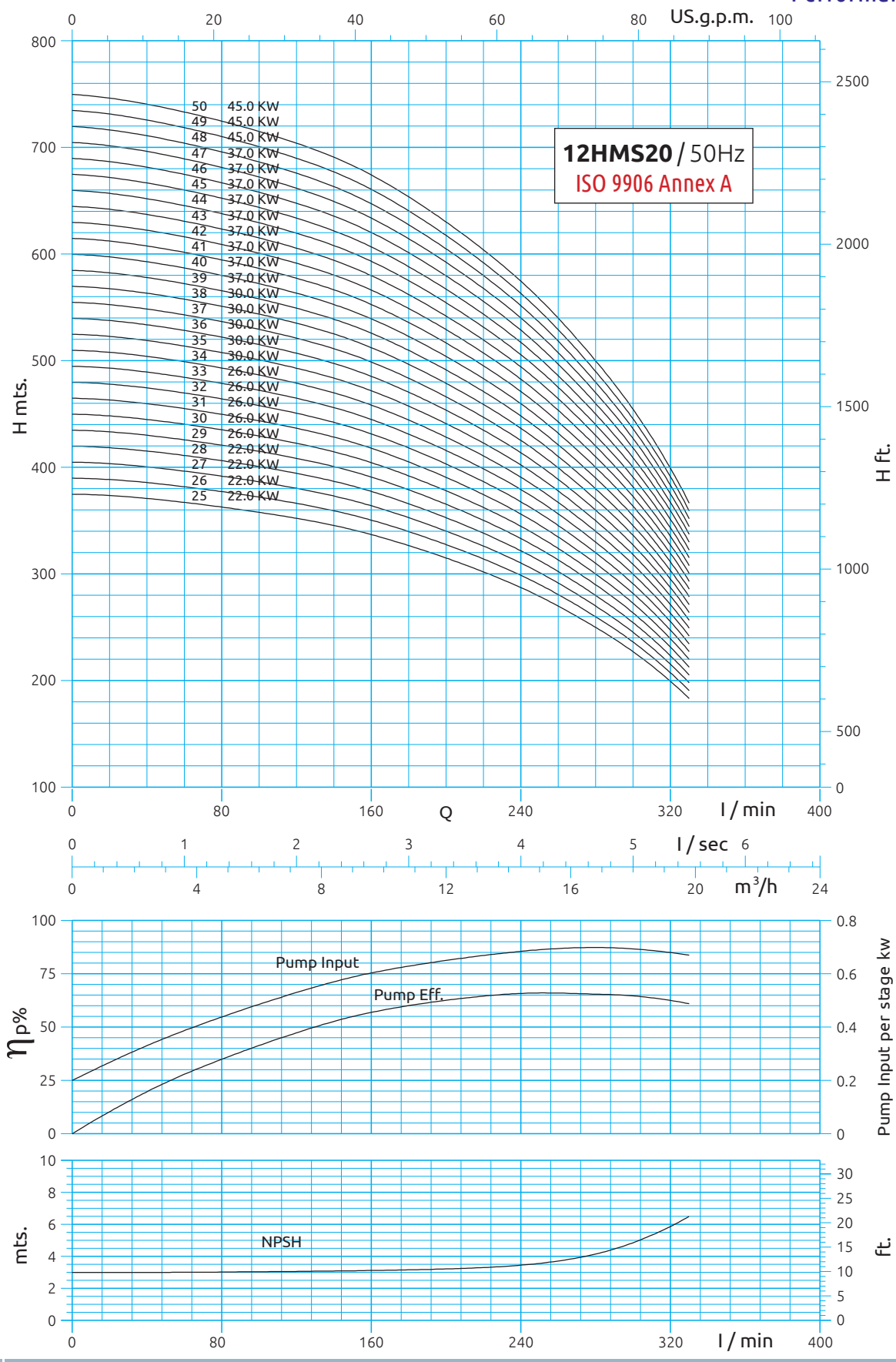


Performance Table

Radial Flow 6" Electric Submersible Pump								
12HMS20		Q	n = 2900 rpm					
		M³/h	0	9	14.7	16.8	17.7	19.8
		l/min.	0	150	245	280	295	330
Model	Motor Rating		Total Head In Meters					
	HP	KW						
12HMS20/3	4.00	3.00	45	41	34	30	28	22
12HMS20/4	5.50	4.00	60	55	45	40	37	29
12HMS20/5	5.50	4.00	75	68	57	50	47	37
12HMS20/6	7.50	5.50	90	82	68	60	56	44
12HMS20/7	7.50	5.50	105	96	79	70	65	51
12HMS20/8	10.0	7.50	120	109	91	80	75	59
12HMS20/9	10.0	7.50	135	123	102	90	84	66
12HMS20/10	12.5	9.30	150	137	113	100	93	73
12HMS20/11	12.5	9.30	165	150	125	110	103	81
12HMS20/12	15.0	11.0	180	164	136	120	112	88
12HMS20/13	15.0	11.0	195	178	147	130	121	95
12HMS20/14	15.0	11.0	210	191	159	140	131	103
12HMS20/15	17.5	13.0	225	205	170	150	140	110
12HMS20/16	17.5	13.0	240	219	181	160	149	117
12HMS20/17	20.0	15.0	255	232	193	170	159	125
12HMS20/18	20.0	15.0	270	246	204	180	168	132
12HMS20/19	20.0	15.0	285	260	215	190	177	139
12HMS20/20	25.0	18.5	300	273	227	200	187	147
12HMS20/21	25.0	18.5	315	287	238	210	196	154
12HMS20/22	25.0	18.5	330	301	249	220	205	161
12HMS20/23	25.0	18.5	345	314	261	230	215	169
12HMS20/24	30.0	22.0	360	328	272	240	224	176



Performance Curve



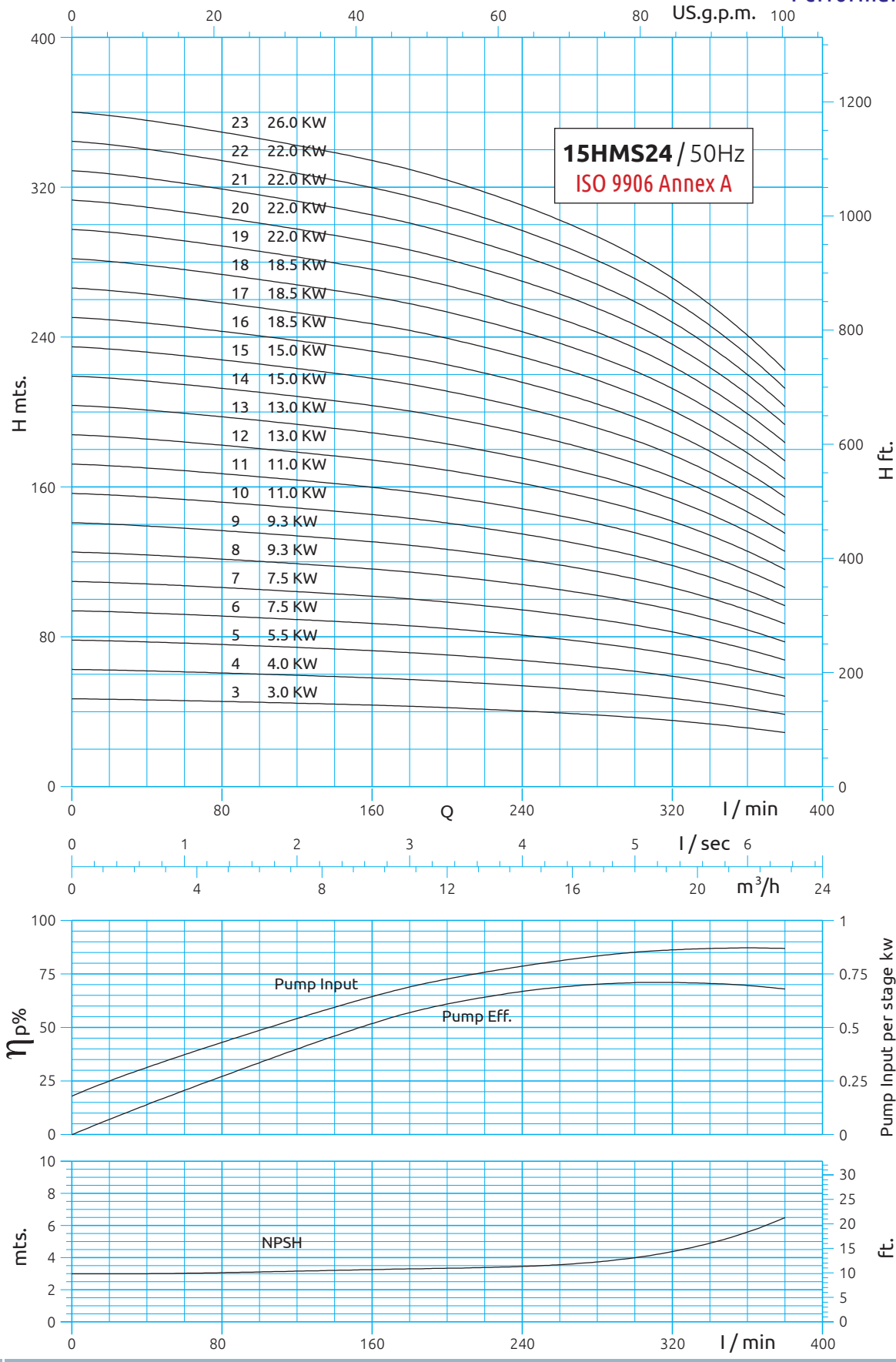


Performance Table

Radial Flow 6" Electric Submersible Pump								
12HMS20		Q	n = 2900 rpm					
		M³/h	0	9	14.7	16.8	17.7	19.8
		l/min.	0	150	245	280	295	330
Model	Motor Rating		Total Head In Meters					
	HP	KW						
12HMS20/25	30.0	22.0	375	342	283	250	233	183
12HMS20/26	30.0	22.0	390	355	295	260	243	191
12HMS20/27	30.0	22.0	405	369	306	270	252	198
12HMS20/28	30.0	22.0	420	383	317	280	261	205
12HMS20/29	35.0	26.0	435	396	329	290	271	213
12HMS20/30	35.0	26.0	450	410	340	300	280	220
12HMS20/31	35.0	26.0	465	424	351	310	289	227
12HMS20/32	35.0	26.0	480	437	363	320	299	235
12HMS20/33	35.0	26.0	495	451	374	330	308	242
12HMS20/34	40.0	30.0	510	465	385	340	317	249
12HMS20/35	40.0	30.0	525	478	397	350	327	257
12HMS20/36	40.0	30.0	540	492	408	360	336	264
12HMS20/37	40.0	30.0	555	506	419	370	345	271
12HMS20/38	40.0	30.0	570	519	431	380	355	279
12HMS20/39	50.0	37.0	585	533	442	390	364	286
12HMS20/40	50.0	37.0	600	547	453	400	373	293
12HMS20/41	50.0	37.0	615	560	465	410	383	301
12HMS20/42	50.0	37.0	630	574	476	420	392	308
12HMS20/43	50.0	37.0	645	588	487	430	401	315
12HMS20/44	50.0	37.0	660	601	499	440	411	323
12HMS20/45	50.0	37.0	675	615	510	450	420	330
12HMS20/46	50.0	37.0	690	629	521	460	429	337
12HMS20/47	50.0	37.0	705	642	533	470	439	345
12HMS20/48	60.0	45.0	720	656	544	480	448	352
12HMS20/49	60.0	45.0	735	670	555	490	457	359
12HMS20/50	60.0	45.0	750	683	567	500	467	367



Performance Curve





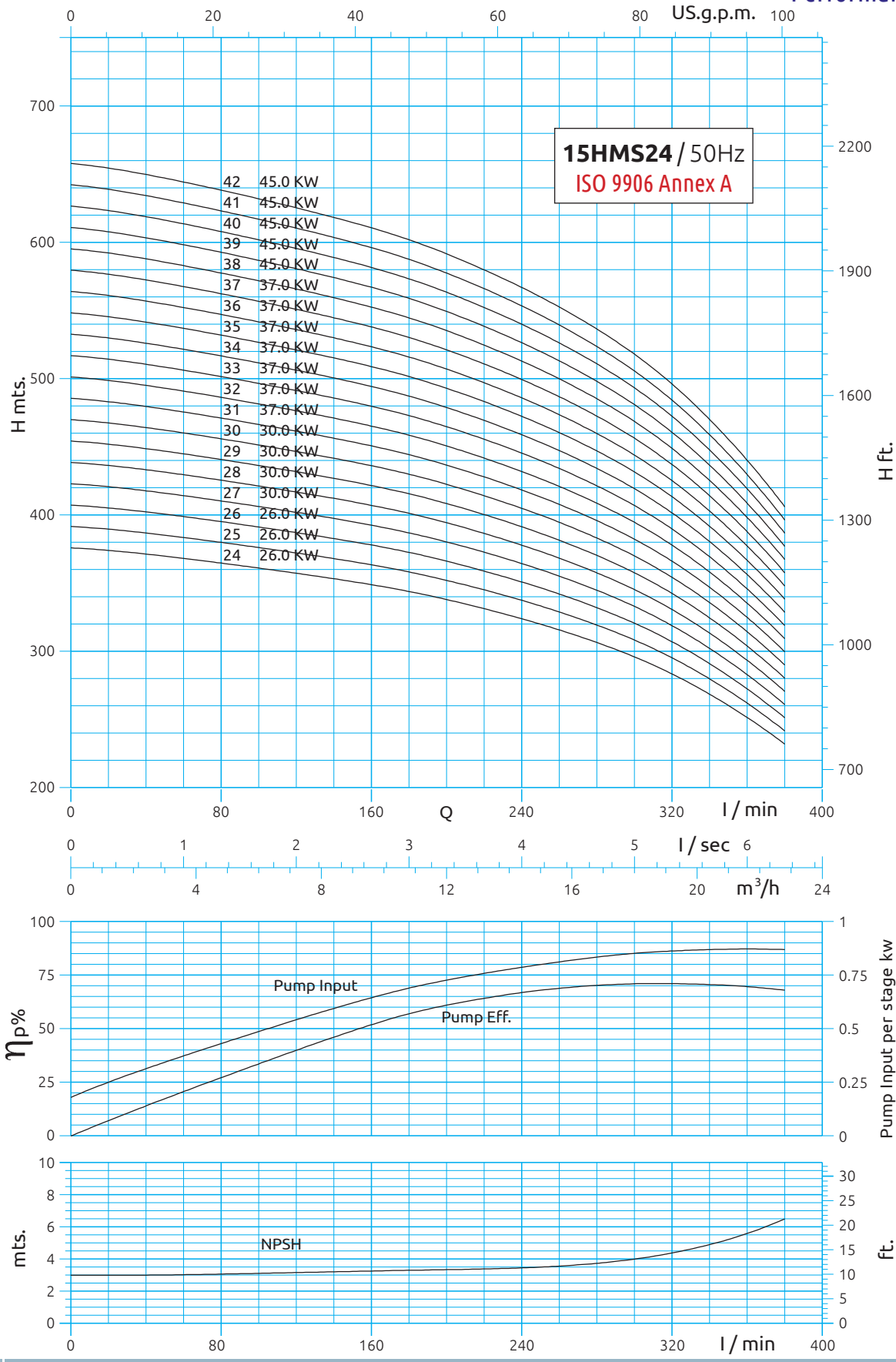
Performance Table

Radial Flow 6" Electric Submersible Pump

15HMS24			Q	n = 2900 rpm						
			M³/h	0	10.8	15	18	19.5	21.3	22.8
			l/min.	0	180	250	300	325	355	380
Model	Motor Rating		Total Head In Meters							
	HP	KW								
15HMS24/3	4.00	3.00	47	43	40	37	35	32	29	
15HMS24/4	5.50	4.00	63	57	53	49	47	43	39	
15HMS24/5	7.50	5.50	78	72	67	62	58	53	48	
15HMS24/6	10.0	7.50	94	86	80	74	70	64	58	
15HMS24/7	10.0	7.50	110	100	93	86	82	75	68	
15HMS24/8	12.5	9.30	125	115	107	99	93	85	77	
15HMS24/9	12.5	9.30	141	129	120	111	105	96	87	
15HMS24/10	15.0	11.0	157	143	133	123	117	107	97	
15HMS24/11	15.0	11.0	172	158	147	136	128	117	106	
15HMS24/12	17.5	13.0	188	172	160	148	140	128	116	
15HMS24/13	17.5	13.0	204	186	173	160	152	139	126	
15HMS24/14	20.0	15.0	219	201	187	173	163	149	135	
15HMS24/15	20.0	15.0	235	215	200	185	175	160	145	
15HMS24/16	25.0	18.5	251	229	213	197	187	171	155	
15HMS24/17	25.0	18.5	266	244	227	210	198	181	164	
15HMS24/18	25.0	18.5	282	258	240	222	210	192	174	
15HMS24/19	30.0	22.0	298	272	253	234	222	203	184	
15HMS24/20	30.0	22.0	313	287	267	247	233	213	193	
15HMS24/21	30.0	22.0	329	301	280	259	245	224	203	
15HMS24/22	30.0	22.0	345	315	293	271	257	235	213	
15HMS24/23	35.0	26.0	360	330	307	284	268	245	222	



Performance Curve





Performance Table

Radial Flow 6" Electric Submersible Pump

15HMS24			Q	n = 2900 rpm						
			M³/h	0	10.8	15	18	19.5	21.3	22.8
			l/min.	0	180	250	300	325	355	380
Model	Motor Rating		Total Head In Meters							
	HP	KW								
15HMS24/24	35.0	26.0	376	344	320	296	280	256	232	
15HMS24/25	35.0	26.0	392	358	333	308	292	267	242	
15HMS24/26	35.0	26.0	407	373	347	321	303	277	251	
15HMS24/27	40.0	30.0	423	387	360	333	315	288	261	
15HMS24/28	40.0	30.0	439	401	373	345	327	299	271	
15HMS24/29	40.0	30.0	454	416	387	358	338	309	280	
15HMS24/30	40.0	30.0	470	430	400	370	350	320	290	
15HMS24/31	50.0	37.0	486	444	413	382	362	331	300	
15HMS24/32	50.0	37.0	501	459	427	395	373	341	309	
15HMS24/33	50.0	37.0	517	473	440	407	385	352	319	
15HMS24/34	50.0	37.0	533	487	453	419	397	363	329	
15HMS24/35	50.0	37.0	548	502	467	432	408	373	338	
15HMS24/36	50.0	37.0	564	516	480	444	420	384	348	
15HMS24/37	50.0	37.0	580	530	493	456	432	395	358	
15HMS24/38	60.0	45.0	595	545	507	469	443	405	367	
15HMS24/39	60.0	45.0	611	559	520	481	455	416	377	
15HMS24/40	60.0	45.0	627	573	533	493	467	427	387	
15HMS24/41	60.0	45.0	642	588	547	506	478	437	396	
15HMS24/42	60.0	45.0	658	602	560	518	490	448	406	