



8" Product data

Stainless steel submersible bore well pumps

8" Construction

- Submersible motor & pumps for deep wells of 8" (DN 200mm)
- 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
 - MSP77, MSP95
- Connection: Screwed pipe connection with BSP thread as standard.

Applications

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

Performance range

- Flow range: Max. 123.8m³/h
- Head range: Max. 423m

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 NPT thread pipe connection.

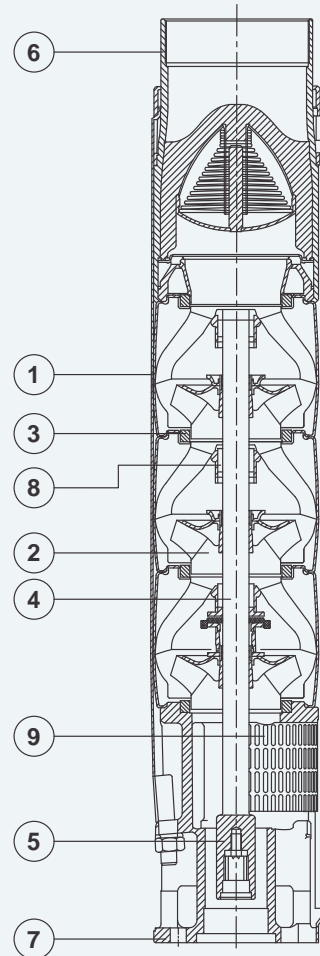




8" Construction

Stainless steel submersible bore well pumps

Sectional Drawing



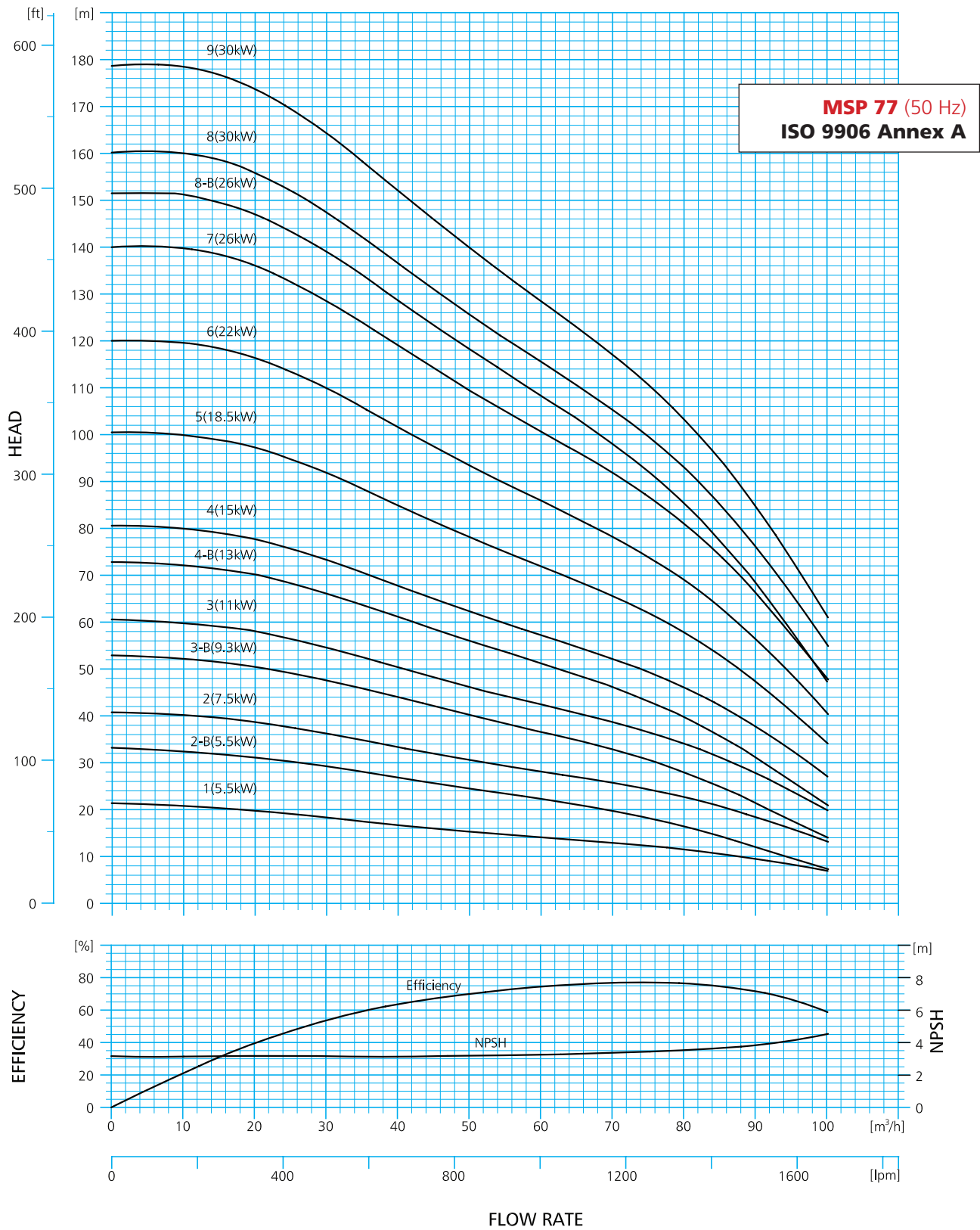
"MSP" Type Pumps
MSP77, MSP95

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



Performance Curve





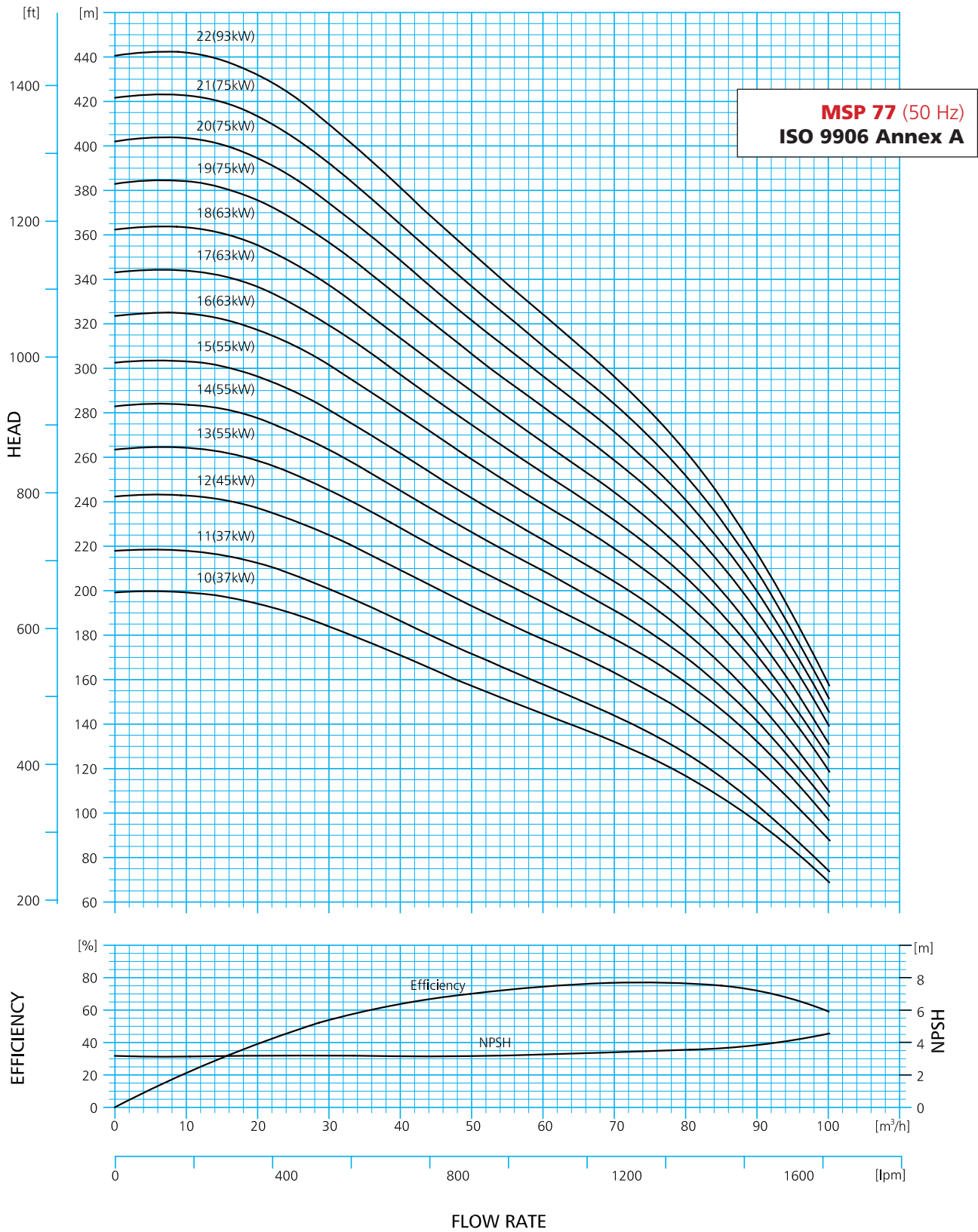
Performance Table

Mixed Flow 8" Electric Submersible Pump

MSP-77		n = 2900 rpm											
		Q											
		M3 /h	0	10	20	30	40	50	60	70	80	90	100
		l/min.	0	166.7	333.3	500	666.7	833.3	1000	1167	1333	1500	1666.7
Model	Motor Rating		Total Head In Meters										
	[kW]	[HP]											
MSP77- 1	5.5	7.5	21	21	20	18	17	15	14	13	12	10	7
MSP77-2-B	5.5	7.5	33	32	31	29	27	25	22	20	16	12	7
MSP77-2	7.5	10	41	40	39	36	33	31	28	26	23	18	13
MSP77-3-B	9.3	12.5	53	52	51	48	44	40	37	33	28	22	14
MSP77-3	11	15	61	60	58	55	50	46	42	39	34	28	20
MSP77-4-B	13	18	73	72	70	66	61	56	51	46	40	31	21
MSP77-4	15	20	81	80	78	73	68	62	57	52	46	38	27
MSP77-5	18.5	25	100	100	97	92	85	78	72	66	58	47	34
MSP77-6	22	30	120	120	116	110	102	94	86	78	69	56	41
MSP77-7	26	35	140	140	136	129	119	110	101	92	81	66	48
MSP77-8-B	26	35	152	151	147	139	129	118	108	98	85	68	48
MSP77-8	30	40	160	160	156	147	137	126	116	105	93	76	55
MSP77-9	30	40	179	179	174	164	152	140	129	117	103	85	61



Performance Curve





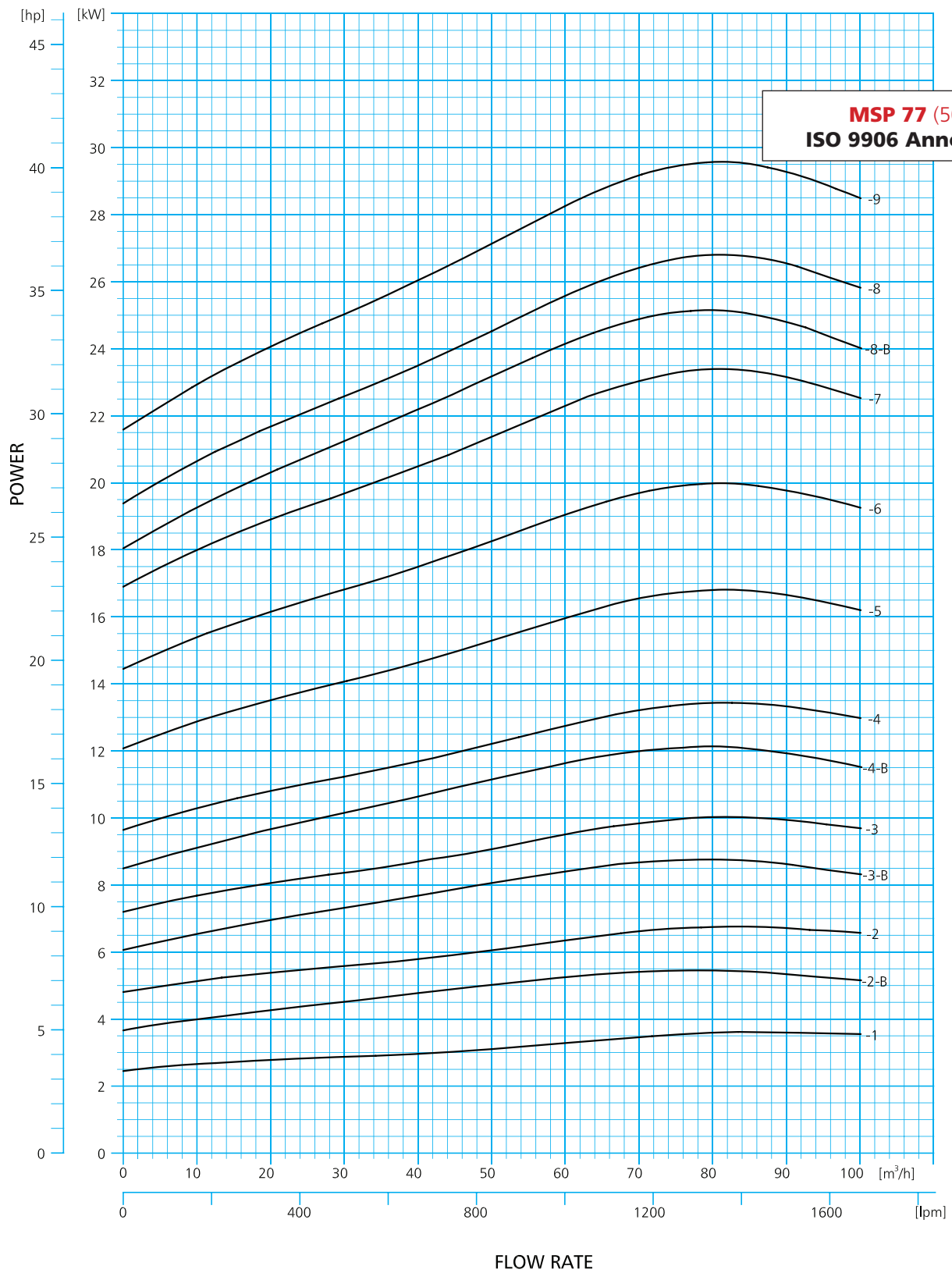
Performance Table

Mixed Flow 8" Electric Submersible Pump

MSP-77		n = 2900 rpm											
		Q											
		M3 /h	0	10	20	30	40	50	60	70	80	90	100
		l/min.	0	166.7	333.3	500	666.7	833.3	1000	1167	1333	1500	1666.7
Model	Motor Rating		Total Head In Meters										
	[kW]	[HP]											
MSP-77-10	37	50	199	199	194	184	171	157	145	132	117	96	69
MSP77-11	37	50	218	218	212	201	186	172	158	144	127	104	74
MSP77-12	45	60	242	243	237	225	209	193	178	163	145	120	88
MSP77-13	55	75	264	264	258	245	228	211	195	178	159	132	98
MSP77-14	55	75	283	284	277	263	245	226	209	191	170	141	104
MSP77-15	55	75	303	303	296	281	262	242	223	204	181	150	110
MSP77-16	63	85	324	325	317	301	281	259	239	219	195	162	119
MSP77-17	63	85	343	344	336	319	297	274	253	232	206	171	126
MSP77-18	63	85	363	363	355	337	314	290	267	244	217	180	132
MSP77-19	75	100	383	384	376	357	332	307	283	259	230	191	140
MSP77-20	75	100	402	404	395	375	349	322	297	271	241	200	146
MSP77-21	75	100	422	424	415	394	366	338	312	285	253	210	153
MSP77-22	93	125	442	444	435	413	384	354	327	298	265	220	161

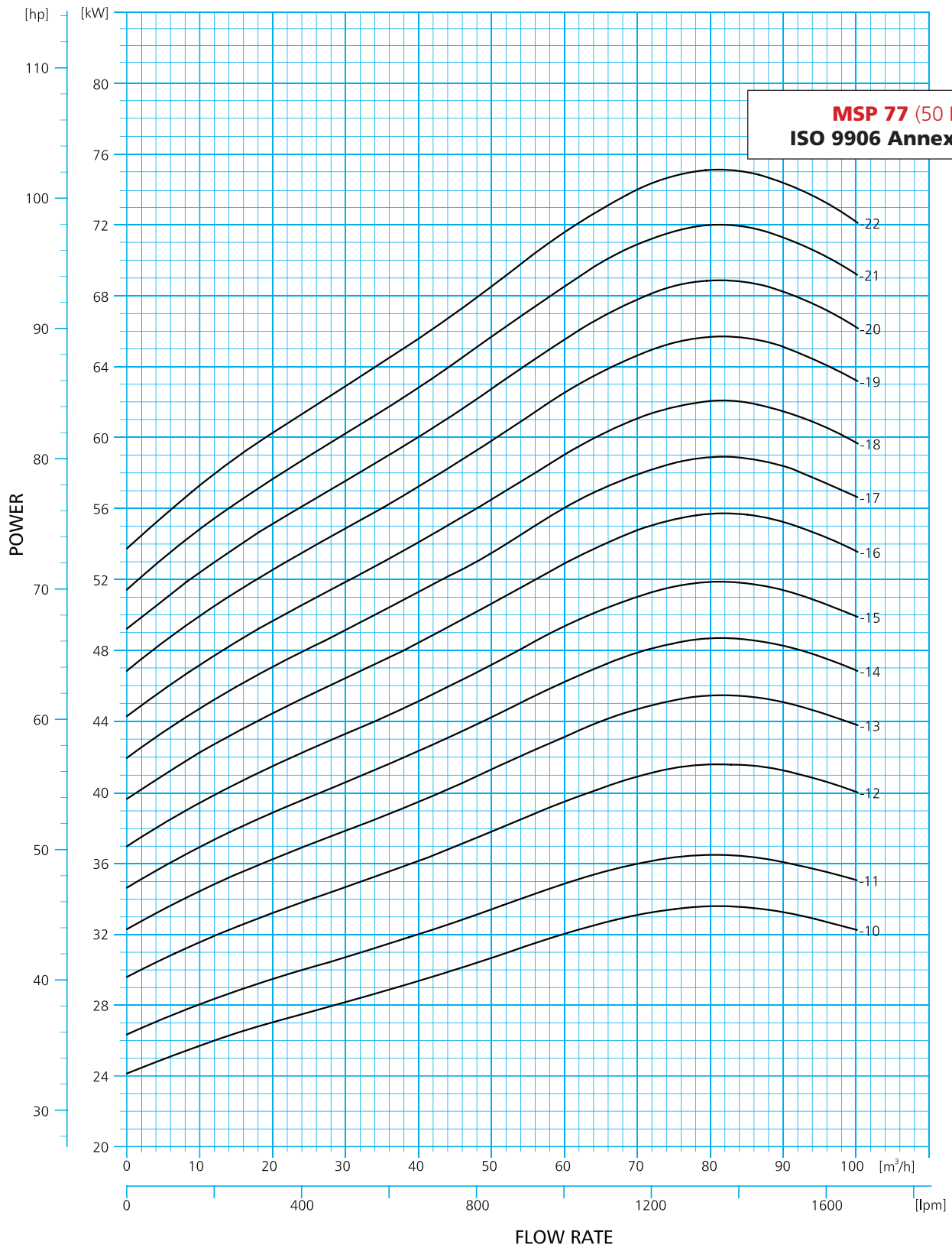


Performance Curve



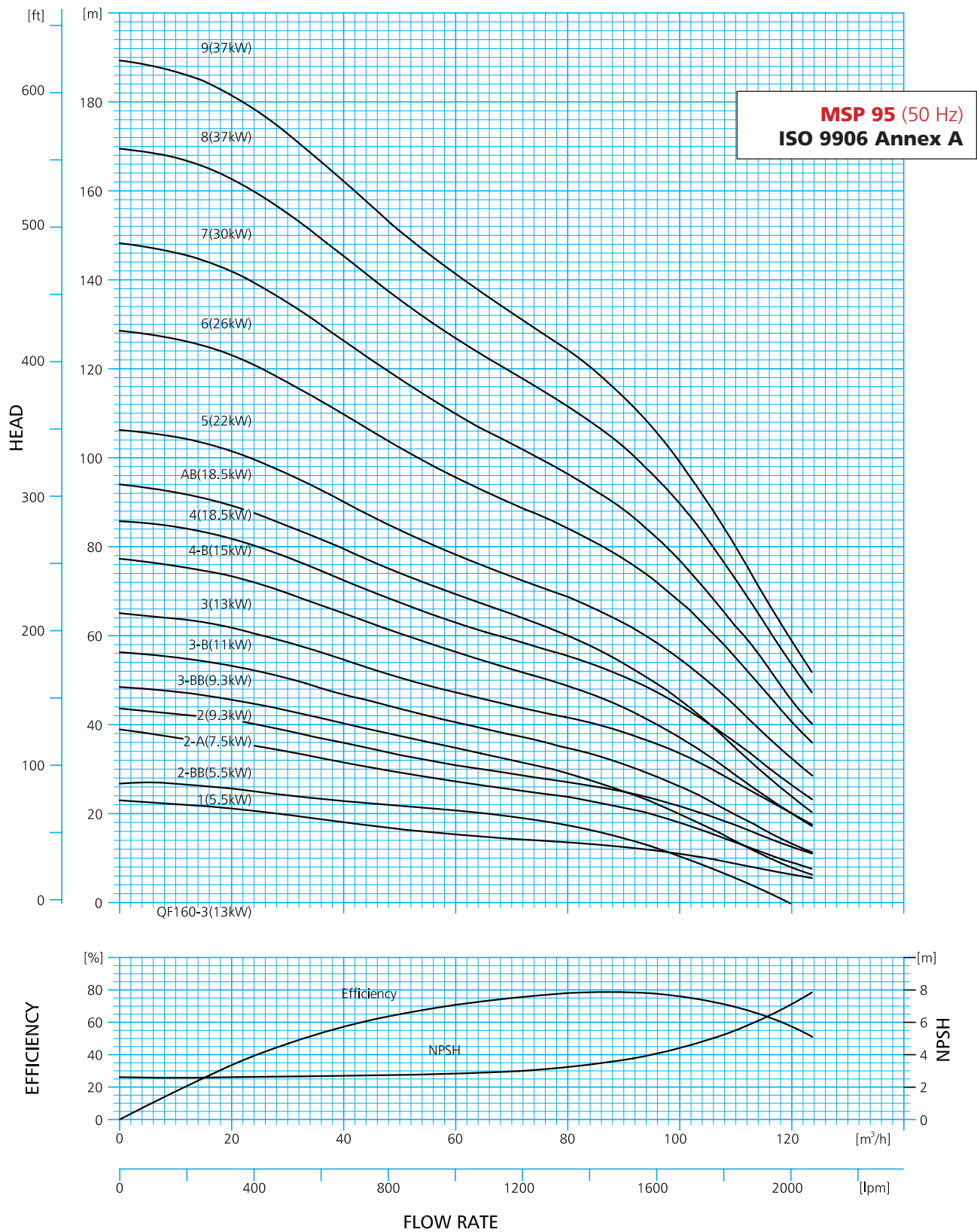


Performance Curve





Performance Curve





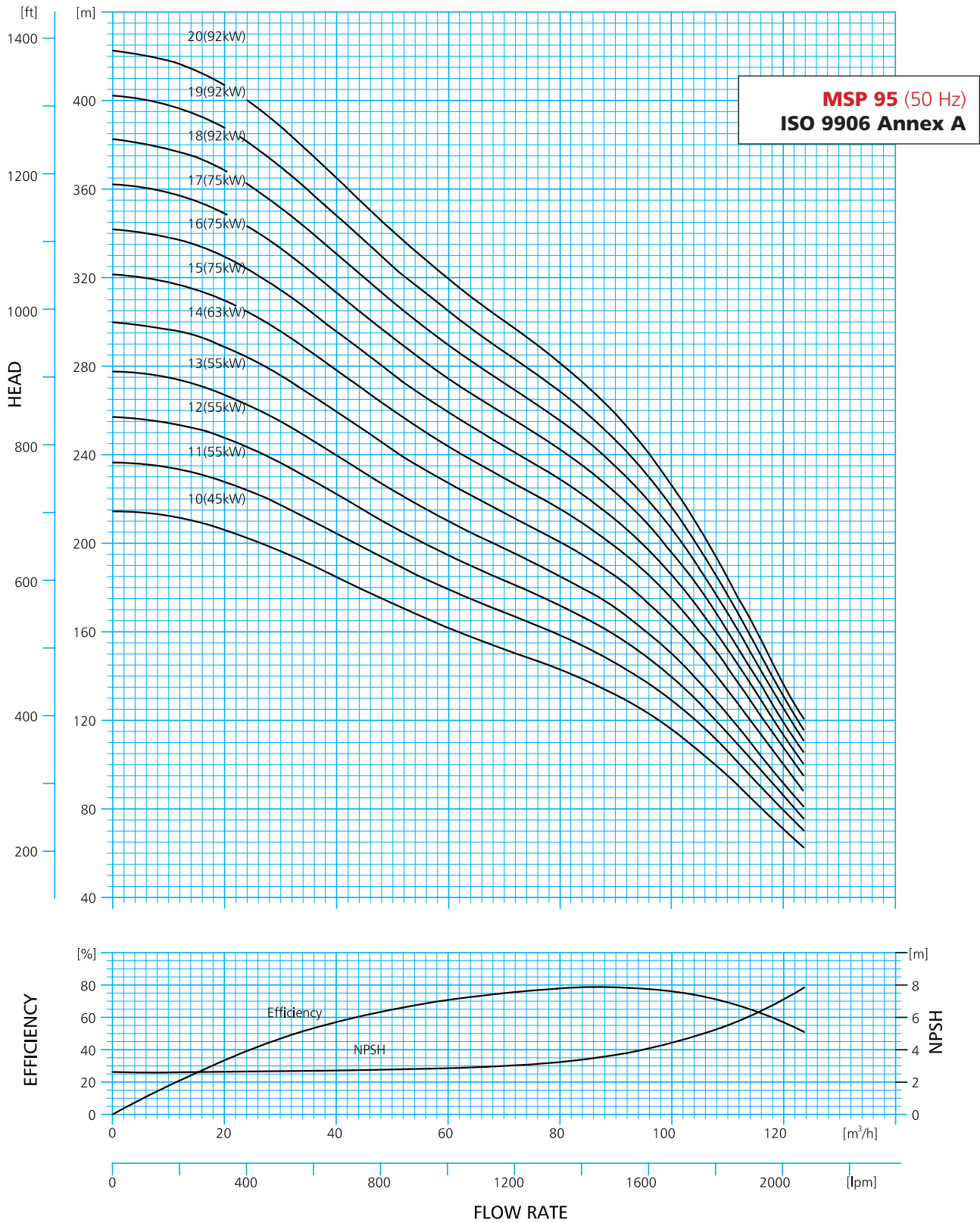
Performance Table

Mixed Flow 8" Electric Submersible Pump

MSP-95		Q		n = 2900 rpm													
		M ³ /h		0	10	20	30	40	50	60	70	80	90	100	110	120	122
		l/min.		0	67	333	500	667	833	1000	1167	1333	1500	1667	1833	2000	2033
Model	Motor Rating		Total Head In Meters														
	[kW]	[HP]															
MSP95- 1	5.5	7.5	23	22	21	20	18	17	15	14	13	13	11	9	6	6	
MSP95-2-BB	5.5	7.5	27	27	26	24	23	22	21	19	17	14	10	5	0	-	
MSP95-2-A	7.5	10	39	38	36	34	32	29	27	26	24	21	18	14	9	8	
MSP95-2	9.3	12.5	44	43	41	39	36	33	31	29	27	25	22	17	13	12	
MSP95-3-BB	9.3	12.5	49	47	46	43	40	37	35	32	29	25	20	14	8	7	
MSP95-3-B	11	15	56	55	53	50	47	44	41	38	35	31	26	20	13	12	
MSP95-3	13	17.5	65	64	62	58	55	51	47	44	42	38	33	27	20	19	
MSP95-4-B	15	20	77	76	73	70	65	60	56	53	49	44	37	29	20	18	
MSP95-4	18.5	25	86	84	82	78	73	67	63	59	55	51	44	36	26	25	
MSP95-5-AB	18.5	25	94	92	89	85	79	74	69	65	60	54	45	35	24	22	
MSP95-5	22	30	106	105	101	96	90	84	78	73	69	63	55	44	32	30	
MSP95-6	26	35	129	127	123	117	110	102	96	90	84	77	68	55	41	38	
MSP95-7	30	40	148	146	142	135	126	118	110	103	96	88	77	62	46	43	
MSP95-8	37	50	170	167	163	155	145	136	127	119	112	102	90	73	54	50	
MSP95-9	37	50	189	187	182	173	162	151	141	133	124	114	99	80	59	55	



Performance Curve





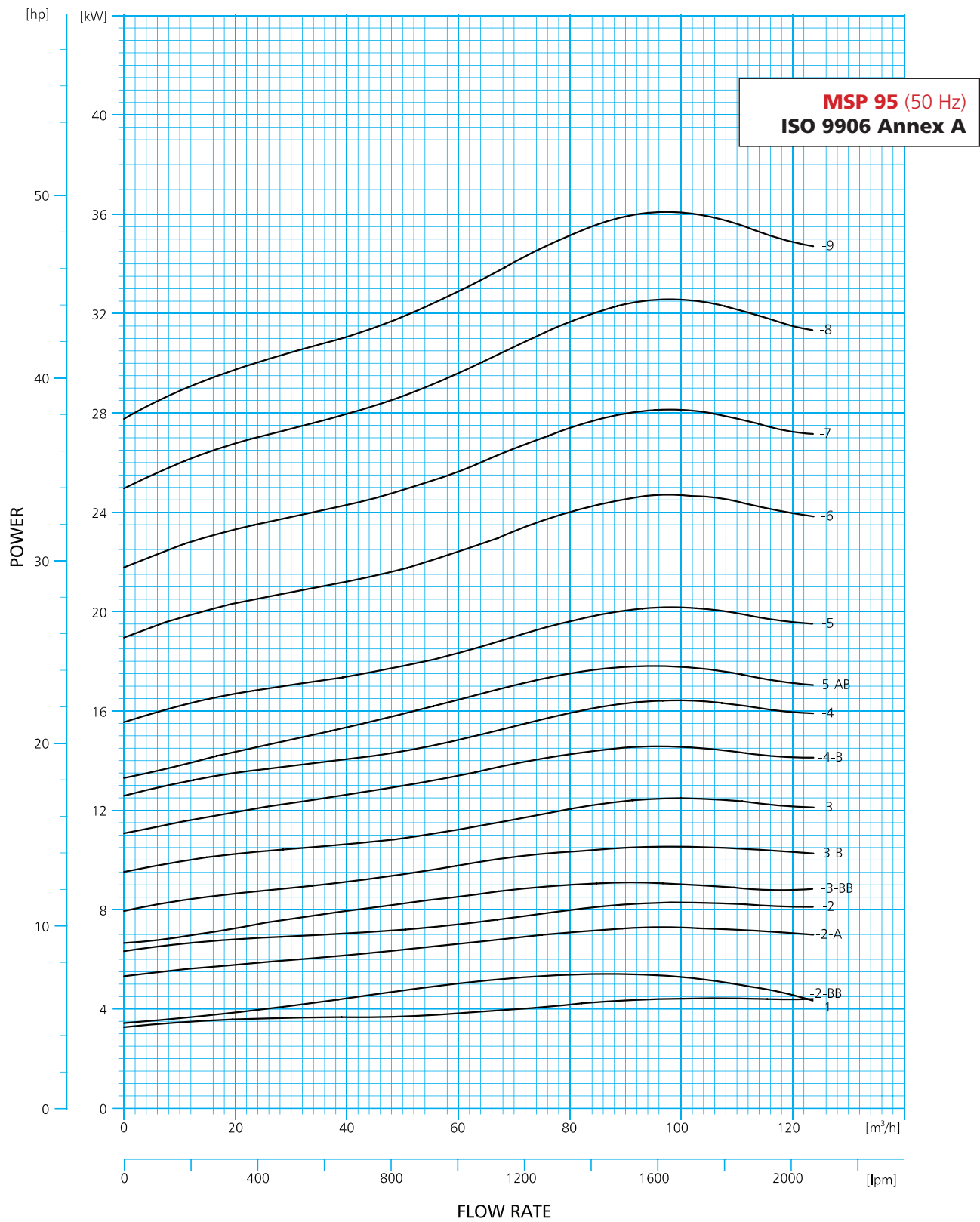
Performance Table

Mixed Flow 8" Electric Submersible Pump

MSP-95	Q		n = 2900 rpm													
	M3 /h		0	10	20	30	40	50	60	70	80	90	100	110	120	122
	l/min.		0	167	333	500	667	833	1000	1167	1333	1500	1667	1833	2000	2033
Model	Motor Rating		Total Head In Meters													
	[kW]	[HP]														
MSP95-10	45	60	214	212	206	197	185	173	162	152	143	132	116	95	71	66
MSP95-11	55	75	237	234	228	217	205	191	179	169	158	146	129	106	79	74
MSP95-12	55	75	257	254	248	236	222	208	195	183	172	158	140	115	86	80
MSP95-13	55	75	278	275	267	255	240	224	210	198	185	170	150	123	92	86
MSP95-14	63	85	300	297	289	276	259	243	227	214	201	185	163	134	100	93
MSP95-15	75	100	321	318	310	296	278	260	244	230	215	198	175	144	107	100
MSP95-16	75	100	342	338	329	314	296	277	259	244	229	211	186	152	114	106
MSP95-17	75	100	362	358	349	333	313	293	275	258	242	223	196	160	120	112
MSP95-18	93	125	382	378	368	352	331	309	290	272	255	235	206	169	125	117
MSP95-19	93	125	402	398	388	370	348	325	305	287	269	247	216	177	131	122
MSP95-20	93	125	423	418	407	388	365	341	320	301	281	258	226	184	137	128



Performance Curve





Performance Curve

