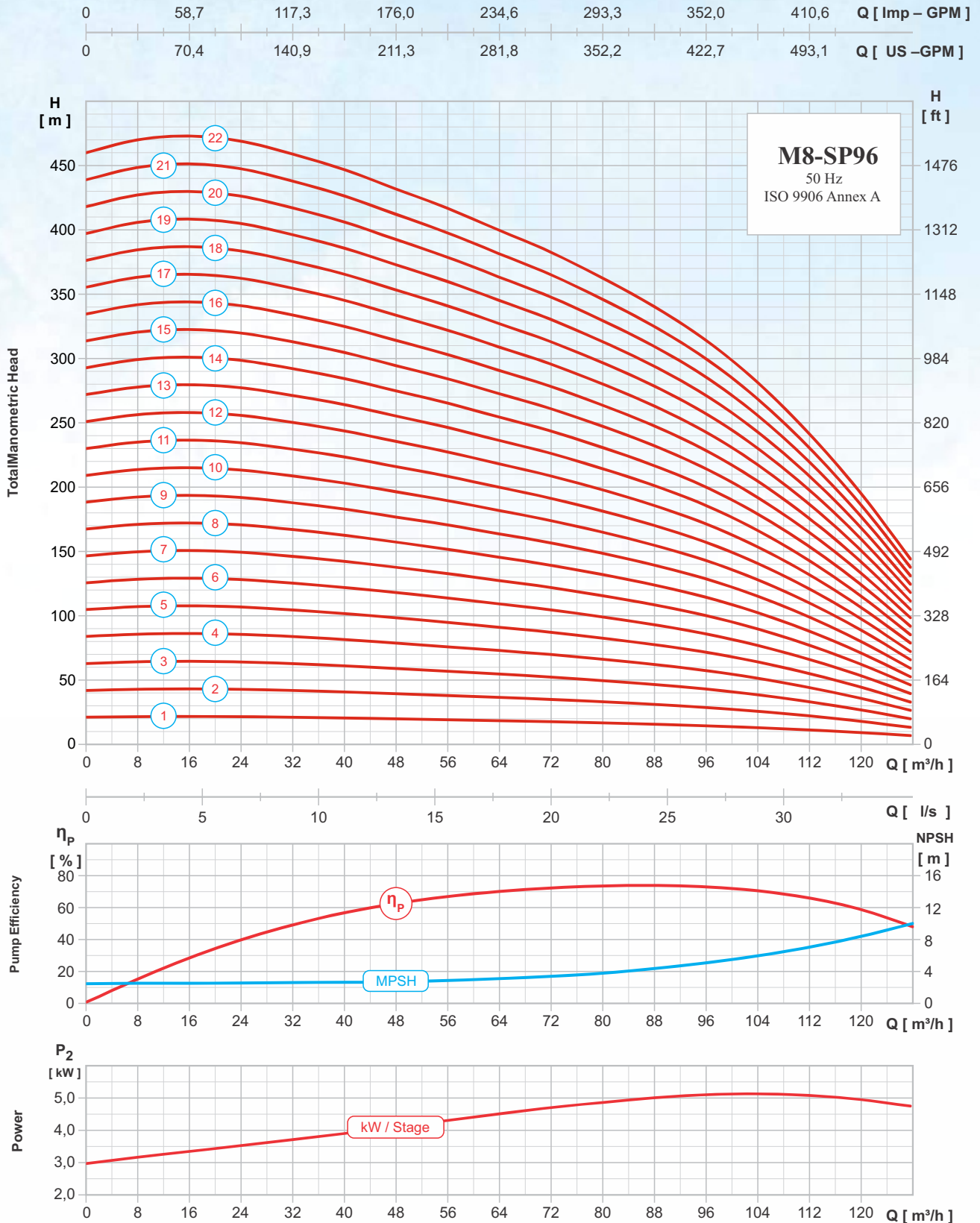


Performance Curves



Technical Data

3x400 V / 50 Hz / 2900 rpm

Pump Type	Motor Type	Motor Power		Current [400 V]	Max. Pump Dia	Outlet Diameter	Pump Length	Pump Weight	[Q] Capacity											
									Capacity											
		[Imp - GPM]		0	117,3	176,0	234,6	293,3	322,6	352,0	381,3	410,6	439,9							
		[US - GPM]		0	140,9	211,3	281,8	352,2	387,5	422,7	457,9	493,1	528,3							
P _N		I _N	Ø Max _p	Ø D	L _p	W _p	[H] Total Manometric Head [m]													
[kW]	[HP]						[A]	[mm]	[?nch]	[mm]	[kg]	[l/s]	0	8,9	13,3	17,8	22,2	24,4	26,7	28,9
										[m³/h]										
										0	32	48	64	80	88	96	104	112	120	
M8-SP96 / 01	M6	5,5	7,5	13,3	Ø 184	Rp 5 (5" Inside Threaded 11 TPI)	588	25	Total Manometric Head [m]	21	21	20	18	17	16	14	13	11	9	
M8-SP96 / 02	M6	11	15	25,2			716	29		42	42	39	36	33	31	29	26	22	18	
M8-SP96 / 03	M6	18,5	25	42,0			844	33		63	63	59	55	50	47	43	39	33	27	
M8-SP96 / 04	M6	22	30	49,0			972	37		84	83	79	73	66	62	57	51	44	36	
M8-SP96 / 05	M8	30	40	60,0			1100	41		105	104	98	91	83	78	72	64	55	45	
M8-SP96 / 06	M8	37	50	76,0			1228	45		125	125	118	109	99	93	86	77	66	54	
M8-SP96 / 07	M8	37	50	76,0			1356	49		146	146	137	127	116	109	100	90	77	63	
M8-SP96 / 08	M8	45	60	90,0			1484	53		167	167	157	145	132	124	115	103	88	72	
M8-SP96 / 09	M8	55	75	110,0			1612	57		188	188	177	164	149	140	129	116	99	81	
M8-SP96 / 10	M8	55	75	110,0			1740	61		209	209	196	182	165	155	143	128	110	90	
M8-SP96 / 11	M8	63	85	125,0			1868	65		230	230	216	200	182	171	157	141	121	99	
M8-SP96 / 12	M8	63	85	125,0			1996	69		251	250	236	218	198	186	172	154	133	107	
M8-SP96 / 13	M8	75	100	148,0			2124	73		272	271	255	236	215	202	186	167	144	116	
M8-SP96 / 14	M8	75	100	148,0			2252	77		293	292	275	255	231	217	200	180	155	125	
M8-SP96 / 15	M10	81	110	159,0			2380	81		314	313	295	273	248	233	215	193	166	134	
M8-SP96 / 16	M10	92	125	180,0			2508	85		335	334	314	291	264	248	229	205	177	143	
M8-SP96 / 17	M10	92	125	180,0			2636	89		355	355	334	309	281	264	243	218	188	152	
M8-SP96 / 18	M10	110	150	211,0			2764	93		376	376	353	327	297	279	258	231	199	161	
M8-SP96 / 19	M10	110	150	211,0			2892	97		397	396	373	345	314	295	272	244	210	170	
M8-SP96 / 20	M10	110	150	211,0			3020	101		418	417	393	364	330	310	286	257	221	179	
M8-SP96 / 21	M10	110	150	211,0			3148	105		439	438	412	382	347	326	301	270	232	188	
M8-SP96 / 22	M10	129	175	249,0			3276	109		460	459	432	400	363	341	315	283	243	197	

Performance Tolerances : EN ISO 9906

Working Conditions

Operating Voltage : 3 x 380V - 400V - 415V (- %10 / +%6)
 Frequency : 50 Hz
 Max. Water Temp. : 40 °C
 Max. Sand Amount : 50 g / m³
 Rotation : Counterclockwise
 Rotational Speed : 2900 rpm
 Shaft Diameter : Ø 25 mm
 Shaft End : According to NEMA Standard

Performance Parameters

Atmospheric Pressure : 1 Bar
 Water Temp. : 15 °C
 Kinematic Viscosity : 1 mm² / s
 Specific Density : 1000 kg / m³