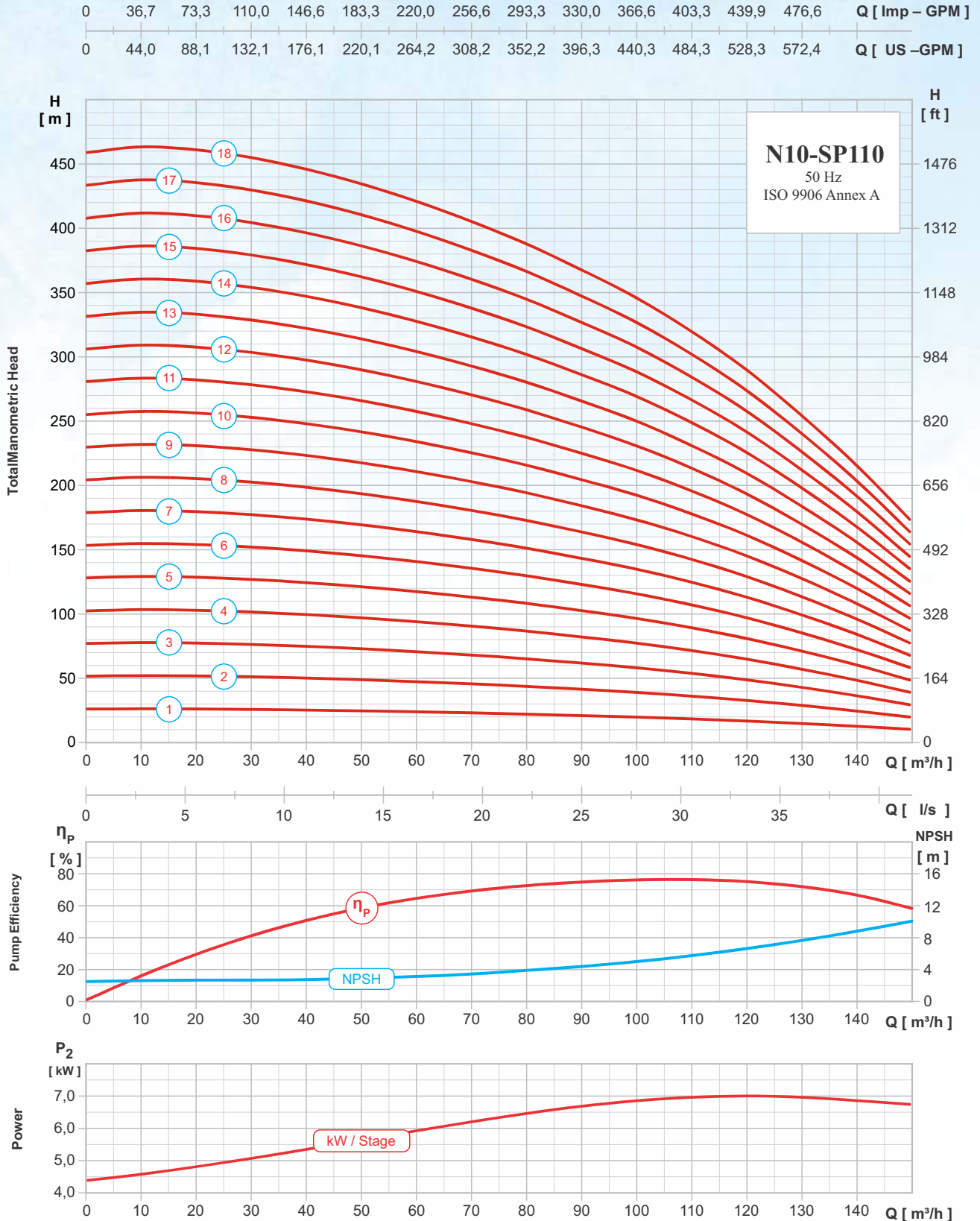


**Performance Curves**



# N10-SP110

Stainless Steel Pump  
Mixed Flow

**MAT**  
Manufacturing and Trading enterprises sl

## 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											
		[ kW ]	[ HP ]						[ Imp - GPM ]	0	110,0	183,3	256,6	330,0	366,6	403,3	439,9	476,6	513,3	
				[ US - GPM ]	0	132,1	220,1	308,2	396,3	440,3	484,3	528,3	572,4	616,4						
				[ l/s ]	0	8,3	13,9	19,4	25,0	27,8	30,6	33,3	36,1	38,9						
									[ m³/h ]	0	30	50	70	90	100	110	120	130	140	
N10-SP110 / 01	FM6	7,5	10	13,3	Ø 226	Rp 6 ( 6" Inside Threaded 11 TPI )	666	37	Total Manometric Head [ m ]	26	25	24	23	20	19	18	16	14	12	
N10-SP110 / 02	FM6	15	15	25,2			821	43		51	51	48	45	41	39	36	32	28	24	
N10-SP110 / 03	FM6	22	30	49,0			977	49		77	76	72	68	61	58	53	48	43	36	
N10-SP110 / 04	FM8	30	40	60,0			1132	56		102	101	97	90	82	77	71	65	57	48	
N10-SP110 / 05	FM8	37	50	76,0			1288	62		128	126	121	113	102	96	89	81	71	60	
N10-SP110 / 06	FM8	45	60	90,0			1443	68		153	152	145	135	123	116	107	97	85	72	
N10-SP110 / 07	FM8	55	75	110,0			1599	75		179	177	169	158	143	135	125	113	99	84	
N10-SP110 / 08	FM8	63	85	125,0			1754	81		204	202	193	180	164	154	142	129	114	96	
N10-SP110 / 09	FM8	75	100	148,0			1910	87		230	228	217	203	184	173	160	145	128	108	
N10-SP110 / 10	FM8	75	100	148,0			2065	94		255	253	242	225	205	193	178	162	142	120	
N10-SP110 / 11	FM10	81	110	159,0			2221	100		281	278	266	248	225	212	196	178	156	132	
N10-SP110 / 12	FM10	92	125	180,0			2376	106		306	303	290	270	245	231	214	194	170	144	
N10-SP110 / 13	FM10	92	125	180,0			2532	112		332	329	314	293	266	250	231	210	184	156	
N10-SP110 / 14	FM10	110	150	211,0			2687	119		357	354	338	316	286	270	249	226	199	169	
N10-SP110 / 15	FM10	110	150	211,0			2843	125		383	379	362	338	307	289	267	242	213	181	
N10-SP110 / 16	FM10	129	175	249,0			2998	131		408	405	387	361	327	308	285	258	227	193	
N10-SP110 / 17	FM10	129	175	249,0			3154	138		434	430	411	383	348	327	303	275	241	205	
N10-SP110 / 18	FM10	129	175	249,0			3309	144		459	455	435	406	368	347	320	291	255	217	

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 32 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