

USP 5F, USP 6, USP 7, USP 8, USP 10 SERIES

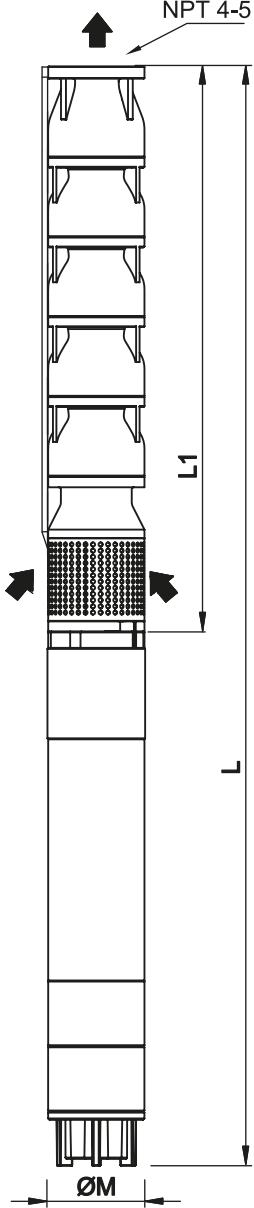
No.	Pompa Parçası Pump Components	Standart Malzeme Standard Material	İsteğe Bağlı Malzeme Optional Material
1	Gövde/Difüzör Bowl / Diffuser	Kır Döküm - GG 25 Grey Iron - GG 25	Paslanmaz AISI 304-316 Bronz G - Cu - Sn 10 SS. Cast AISI 304-316 Bronze G - Cu - Sn 10
2	Fan Impeller		
3	Çıkış Gövdesi Delivery Case		
4	Emiş Gövdesi Suction case		
5	Klape Valve	Delrin	
6	Yataklama Burcu Bearing Bush	Kauçuk + Bronz Nitrile Rubber + Bronze	-----
7	Mil Kaması Shaft Sleeve	Paslanmaz AISI 420 Cr Steel AISI 420	
8	Mil Shaft	Paslanmaz AISI 420 Cr Steel AISI 420	Paslanmaz AISI 304-316 Cr-Ni Steel AISI 304-316
9	Kaplin Couple	Paslanmaz AISI 420 Cr Steel AISI 420	
10	Filtre Strainer	Paslanmaz AISI 304 Cr-Ni Steel AISI 304	Paslanmaz AISI 316 Cr-Ni Steel AISI 316
11	Fan Koniği Bushing	Paslanmaz AISI 410 Cr. Steel AISI 410	
12	Civatalar Bolts	Din 933	

Teknik Bilgi / Technical Data

Karışık Akışlı 7" Döküm Gövdeli Dalgıç Pompa  
Mixed Flow 7" Cast Iron Submersible Pump

Performans Tablosu / Performance Chart

Pompa Tipi Pump Type	Motor Type	HP	kW	Nominal Akım Current 380V	Q	n = 2900 d/d rpm																																																				
						l/sec	0	12.5	15.0	17.5	20.0	25.0																																														
						0	45.0	54.0	63.0	72.0	90.0																																															
						0	750	900	1050	1200	1500																																															
USP 7 G/1	USM 6007	7.50	5.50	13.6	H m	21	18	16	15	14	8																																															
USP 7 G/2	USM 6012	12.5	9.20	21.0		42	35	33	31	28	16																																															
USP 7 G/3	USM 6017	17.5	13.0	29.0		63	53	49	46	42	24																																															
USP 7 G/4	USM 6025	25.0	18.5	42.0		84	71	66	61	57	33																																															
	USM 6030			49.8																																																						
USP 7 G/5	USM 7030	30.0	22.0	48.0		105	88	82	76	71	41																																															
	USM 8030			47.0																																																						
USP 7 G/6	USM 6035	35.0	26.0	56.0								126	106	98	92	85	49																																									
	USM 6040			63.0																																																						
USP 7 G/8	USM 7040	40.0	30.0	62.4														168	141	131	122	113	65																																			
	USM 8040			62.0																																																						
	USM 6050			79.7																																																						
USP 7 G/9	USM 7050	50.0	37.0	76.1																				189	159	147	137	127	73																													
	USM 8050			76.0																																																						
USP 7 G/10	USM 7060	60.0	45.0	92.6																										210	176	164	153	141	81																							
	USM 8060			90.0																																																						
USP 7 G/11	USM 7060	60.0	45.0	92.6																																231	194	180	168	155	89																	
	USM 8060			90.0																																																						
USP 7 G/12	USM 7070	70.0	52.0	108.2	252																																					212	197	183	170	98												
	USM 8070			103.0																																																						
USP 7 G/13	USM 7070	70.0	52.0	108.2																																											273	229	213	199	184	106						
	USM 8070			103.0																																																						
USP 7 G/14	USM 8080	80.0	59.0	118.0		294	247	229	214	198	114																																															
USP 7 G/15	USM 8080	80.0	59.0	118.0																																																	315	264	246	229	212	122
USP 7 G/16	USM 8090	90.0	66.0	134.0								336	282	262	244	226	130																																									
USP 7 G/17	USM 8100	100.0	75.0	148.0																																																						



Ölçüler & Ağırlıklar  
Dimensions & Weights

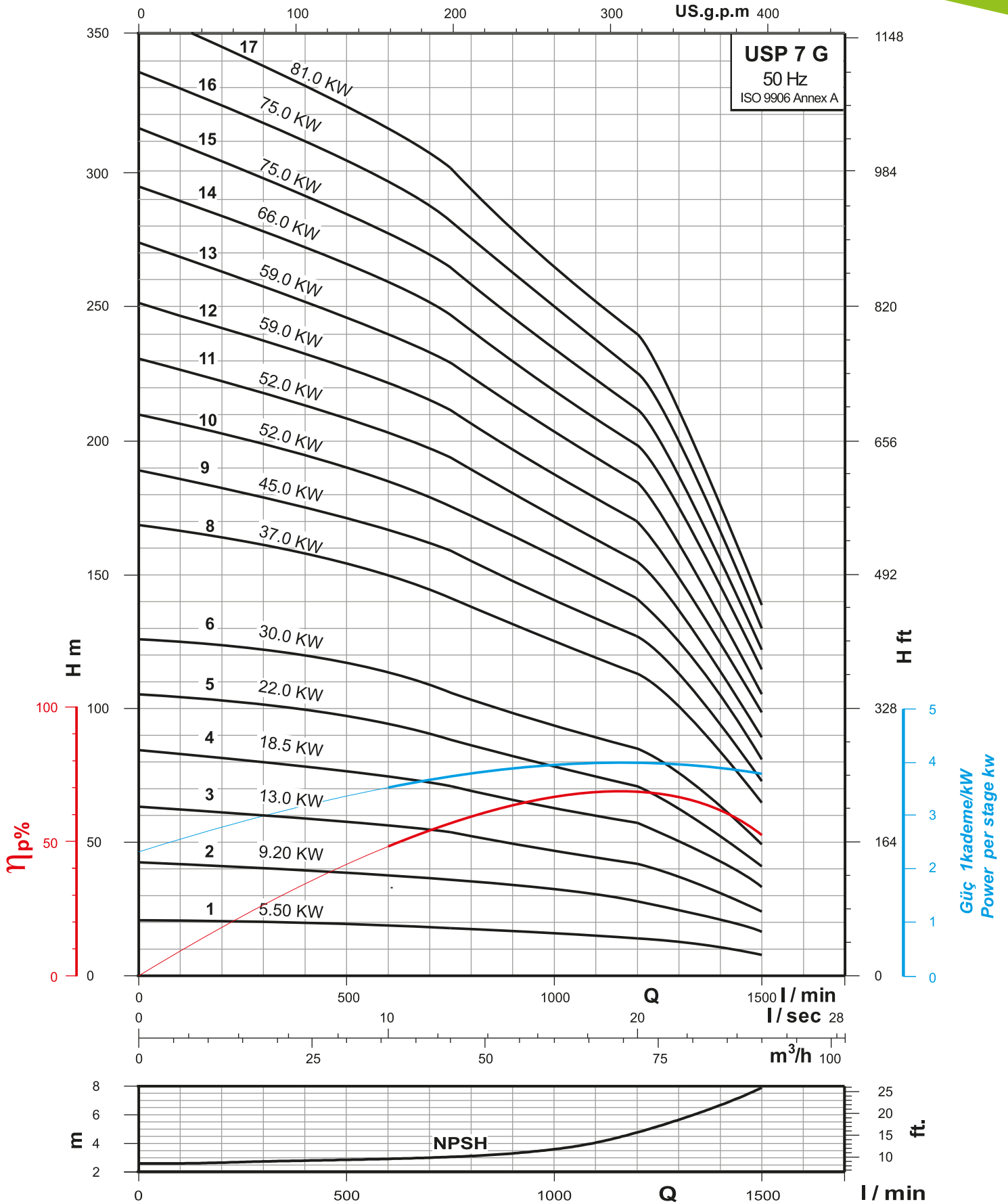
Pompa + Motor Pump + Motor	ØM (mm)	ØE (mm)	Boy Length (mm)		Ağırlık Net Weight (kg)	
			L1	L	Pump	Pump + Motor
USP 7 G/1 + USM 6007	145	178	510	1165	30.5	80.5
USP 7 G/2 + USM 6012	145	178	645	1400	40.0	99.0
USP 7 G/3 + USM 6017	145	178	780	1640	49.5	113.5
USP 7 G/4 + USM 6025	145	178	915	1930	59.0	145.0
USP 7 G/5 + USM 6030	145	178	1050	2145	68.5	163.5
USP 7 G/5 + USM 7030	170	178	1050	1925	68.5	159.5
USP 7 G/5 + USM 8030	190	178	1050	1950	71.0	186.0
USP 7 G/6 + USM 6035	145	178	1185	2330	87.5	187.5
USP 7 G/8 + USM 6040	145	178	1455	2700	106.5	215.5
USP 7 G/8 + USM 7040	170	178	1455	2390	106.5	210.5
USP 7 G/8 + USM 8040	190	178	1490	2420	109.0	256.0
USP 7 G/9 + USM 6050	145	178	1590	2935	116.0	231.0
USP 7 G/9 + USM 7050	170	178	1590	2615	116.0	234.0
USP 7 G/9 + USM 8050	190	178	1625	2685	118.5	271.5
USP 7 G/10 + USM 7060	170	178	1725	2830	125.5	255.5
USP 7 G/10 + USM 8060	190	178	1760	2910	128.0	288.0
USP 7 G/11 + USM 7060	170	178	1860	2965	135.0	265.0
USP 7 G/11 + USM 8060	190	178	1895	3045	137.5	297.5
USP 7 G/12 + USM 7070	170	178	1995	3200	144.5	291.5
USP 7 G/12 + USM 8070	190	178	2030	3265	147.0	319.0
USP 7 G/13 + USM 7070	170	178	2130	3335	154.0	304.0
USP 7 G/13 + USM 8070	190	178	2165	3400	156.5	328.5
USP 7 G/14 + USM 8080	190	178	2300	3590	168.5	348.5
USP 7 G/15 + USM 8080	190	178	2435	3725	178.0	358.0
USP 7 G/16 + USM 8090	190	178	2570	3890	187.5	376.5
USP 7 G/17 + USM 8100	190	178	2705	4065	197.0	407.0

Fan Tipi Impeller Type	Karışık Mixed
Maks.Randıman Max.Efficiency	68.0%
Maks.Randımanda Debi Max.Flow Rate In Efficiency	20.0 l/s
Maks.Randımanda H (tek kd.) Max.Flow Rate In H (single stage)	14.12 m
Maks.Randımanda Güç(P2)(tek kd.) Max.Flow Rate In Power(P2)(single stage)	4.07 kW
Maks. Güç(P2)(tek kd.) Max. Power(P2)(single stage)	4.07 kW
Çalışma Ortamı Operating Environment	Temiz Su Clear Water ph 6,5-8,0
Maks. Çalışma Sıcaklığı Max. Temperature	30 °C
Maks. Katı Madde Max. Solid Material	50 gr/m <sup>3</sup>

Performans Eğrisi / Performance Curves

Karışık Akışlı 7" Döküm Gövdeli Dalgiç Pompa

Mixed Flow 7" Cast Iron Bowl Submersible Pump



Performans eğrileri 15 °C sıcaklıkta, 1 atm. basınç altında fiziksel değerleri kinematik viskozite  $\nu = 1 \text{ mm}^2/\text{s}$  ve yoğunluk  $\rho = 1000 \text{ kg/m}^3$  olan temiz su baz alınarak hazırlanmıştır.  
Performance curves are based on temp. 15 °C, with pressure 1 atm., physical values kinematic viscosity  $\nu = 1 \text{ mm}^2/\text{sec}$  and density  $\rho = 1000 \text{ kg/m}^3$ .  
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