

Düşük Hızlı Yüksek Torklu Hidrolik Motorlar, W11 ve W61 Serileri Low Speed High Torque Hydraulic Motors, W11-W61 Series



W11 - W61 Serisi Orbit Hidrolik Motorlar / W11-W61 Series Orbit Hydraulic Motor

Oil Distributor	Series	Displacement cc/r [in ³ /r]	Max. Pressure MPa [PSI]	Speed Rpm	Max. Torque Nm [lbf-in]
Spool Valve	W11	50-400 [3.1-24.4]	14 [2030]	145-858	521 [4611]
	W21	50-500 [3.1-30.5]	17 [2465]	110-863	500 [4425]
	W31	100-400 [6.1-24.4]	16 [2320]	121-540	660 [5841]
	W41	245-800 [15.0-48.8]	15 [2175]	106-390	1380 [12214]
Disc Valve	W51	80-500 [4.9-30.5]	28 [4060]	142-856	860 [7612]
	W61	195-985 [11.9-60.1]	31 [4495]	155-865	1877 [16613]

Model Correspondance to Other Brands

WINMAN	Sauer Danfoss	Eaton Charlynn	Parker	M+S	SAM
W11	OMP	H Series	OMP	MP / MLHP	BG, BH
W21	OMR	S Series	TC; TB; TE; TH	MR / MLHR	BR, BS, AR
W31	OMH	--	--	--	--
W41	--	--	TF; TL; TG	MH / MLHH	--
W51	OMS	2000 Series	OMS	MS / MLHS	HR
W61	OMT; OMV	6000 Series	OMT	MT / MLHT; MV / MLHV	HT

Düşük Hızlı Yüksek Torklu Hidrolik Motorlar, W41 Serisi

Low Speed High Torque Hydraulic Motor, W41 Series

Performans Bilgileri

Performance Data

- ☐ Sürekli
- ☒ Aralıklı
- ☐ Continuous
- ☒ Intermittent

W41-245 245ml/r

Flow (LPM)	ΔP (Mpa)						
	3.5	7	9	12	14	17.5	20
5	122	248	318	401			
10	129	258	334	426	456	596	
20	127	256	332	430	454	594	693
30	124	252	328	426	455	596	695
40	114	242	322	421	458	602	690
50	106	234	316	412	451	598	688
60	96	222	305	403	448	596	678
70	83	214	290	392	443	582	669
75	75	206	282	382	438	573	661
80	70	195	275	370	436	568	650
90	180	258	355	430	552	634	

W41-310 310ml/r

Flow (LPM)	ΔP (Mpa)						
	3.5	7.5	10	13.5	15	17.5	20
5	154	325					
10	162	343	455	557			
20	168	350	468	582	629	733	806
30	166	345	472	581	630	742	823
40	155	338	463	576	627	738	825
50	142	326	456	569	623	729	824
60	121	312	440	556	645	714	813
70	105	300	426	540	632	704	802
75	96	289	420	530	624	696	795
80	84	278	408	519	612	689	785
90	63	258	388	496	593	668	760

W41-395 395ml/r

Flow (LPM)	ΔP (Mpa)					
	3.5	6	10.5	12.5	15	19
5	196	349	518			
10	205	362	545	701	804	
20	208	365	542	707	812	985
30	202	356	541	706	806	984
40	196	345	530	702	802	972
50	174	332	519	687	796	957
60	155	320	500	668	792	945
70	138	305	480	647	790	923
75	132	295	467	634	783	912
80	114	278	452	622	772	895
90	92	255	436	596	752	882

W41-500 500ml/r

Flow (LPM)	ΔP (Mpa)					
	2.5	5	8.5	10	12.5	16
5	164	318	517			
10	178	335	556	669	790	968
20	178	330	560	672	798	986
30	173	320	552	661	792	981
40	162	310	542	654	782	972
50	146	298	524	635	769	955
60	122	276	503	615	746	933
70	98	256	482	598	728	918
75	80	241	470	583	715	901
80	62	223	456	572	700	882
90	36	202	422	550	672	870

W41-625 625ml/r

Flow (LPM)	ΔP (Mpa)					
	3.5	5	7	8.5	10.5	14
5	250	380	510	640	755	
10	260	395	535	670	795	1060
20	275	425	570	710	850	1065
30	295	450	605	755	925	1270
40	297	450	610	765	920	1330
50	285	445	605	760	915	1325
60	283	440	595	755	915	1325
70	280	430	585	745	905	1320
75	275	415	575	735	895	1315
80	240	400	560	720	880	1300
90	142	141	139	138	137	131

W41-800 800ml/r

Flow (LPM)	ΔP (Mpa)					
	3.5	5	7	8.5	10.5	13
5	420	590	775	958		
10	420	594	790	972	1176	1407
20	435	608	840	1020	1204	1428
30	420	596	830	1005	1204	1412
40	390	595	796	975	1190	1410
50	380	545	780	960	1176	
60	360	525	765	945	1162	
70	340	515	750	932	1163	
75	325	510	732	910	1140	
80	315	475	722	865	1126	
90	296	460	700	850	1108	

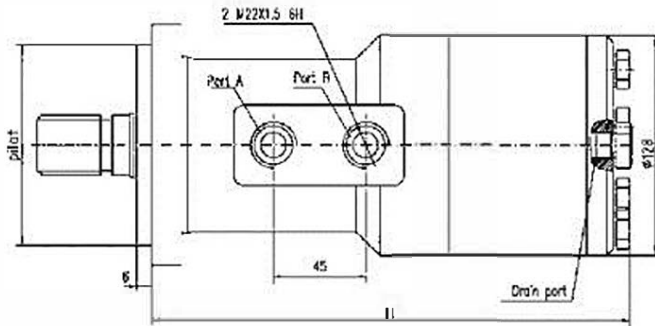
Not: Tüm testler hidrolik ya ve 50°C de yapılmıştır. Çalışma şartlarına göre veriler farklılık gösterebilir.

Note: All the data are tested at 50°C with N68 anti-wear hydraulic oil. Actual data may vary slightly from unit to unit in production.

Düşük Hızlı Yüksek Torklu Hidrolik Motorlar, W41 Serisi

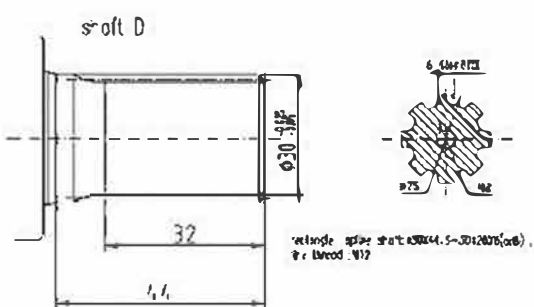
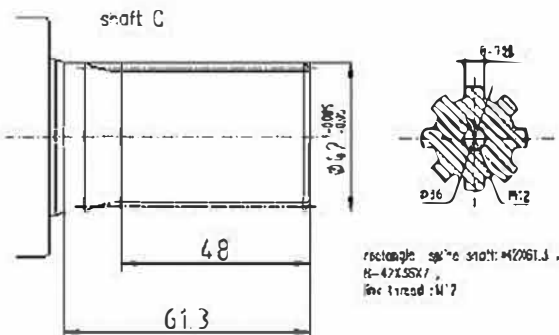
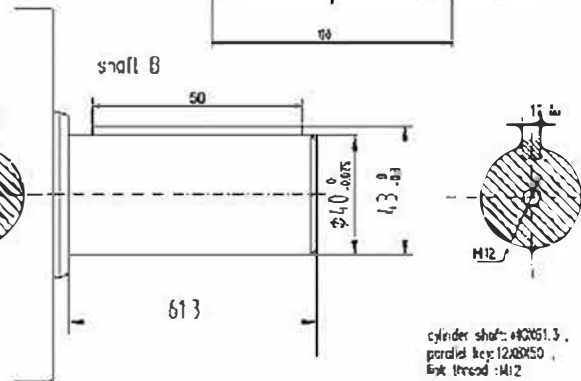
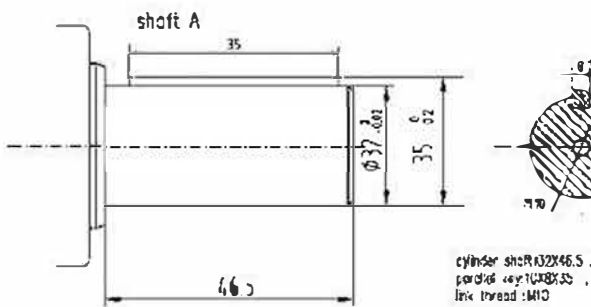
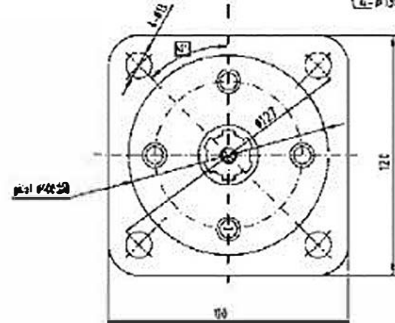
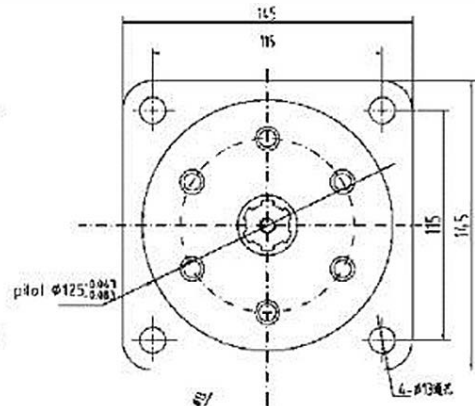
Low Speed High Torque Hydraulic Motor, W41 Series

Ölçü ve Montaj Bilgileri / Dimensions and Mounting Data



Displacement	245	310	390	500	630	850
H	212	219	228	239	2535	2745

**Milinin dönme yönü standart şaftın dönüşü motor mili
ucu bakarak, "A" portu saat yönünde "B" portu saat yönü tersi**
Direction of shaft rotation standard when facing shaft end of motor,
shaft rotation Clockwise when port "A" is pressurized
Counter-clockwise port "B" is pressurized



Düşük Hızlı Yüksek Torklu Hidrolik Motorlar, W41 Serisi

Low Speed High Torque Hydraulic Motor, W41 Series

Opsiyonel Ölçüler Kod Numaraları / Code Numbers for Optional Dimensions

Feature			Displacement/No.					
Flange	Shaft	Oil Port	245	310	390	500	630	800
Bolt hole: 4- 13; pilot: 125 Square-flange	8D-42X36X7	M22X1.5, without drain port	41 - 1110	-1111	-1112	-1113	-1114	-1115
	8D-42X36X7	M22X1.5, Drain port M14X1.5,	41 - 1130	-1131	-1132	-1133	-1134	-1135
	8D-42X36X7	M22X1.5, Drain port G1/4,	41 - 1150	-1151	-1152	-1153	-1154	-1155
	Straight shaft 40,key width 12	M22X1.5, without drain port	41 - 0110	-0111	-0112	-0113	-0114	-0115
	Straight shaft 40,key width 12	M22X1.5, Drain port M14X1.5,	41 - 0130	-0131	-0132	-0133	-0134	-0135
	Straight shaft 40,key width 12	M22X1.5, Drain port G1/4,	41 - 0150	-0151	-0152	-0153	-0154	-0155
	Straight shaft 35,key width 10	M22X1.5, Drain port M14X1.5,	41 - 0120	-0121	-0122	-0123	-0124	-0125
Bolt hole: 4- 13; pilot: 125 Square-flange	6D-30X26X6	M22X1.5, without drain port	41 - 1010	-1011	-1012	-1013	-1014	-1015
	6D-30X26X8	M22X1.5, without drain port	41 - 1020	-1021	-1022	-1023	-1024	-1025
	6D-30X26X6	M22X1.5, Drain port M14X1.5,	41 - 1030	-1031	-1032	-1033	-1034	-1035
	6D-30X26X8	M22X1.5, without drain port	41 - 1050	-1051	-1052	-1053	-1054	-1055
	Straight shaft 25,key width 8	M22X1.5, Drain port M14X1.5,	41 - 0050	-0051	-0052	-0053	-0054	-0055
	Straight shaft 25,key width 8	M22X1.5, without drain port	41 - 0060	-0061	-0062	-0063	-0064	-0065
	Straight shaft 30,key width 8	M22X1.5, Drain port M14X1.5,	41 - 0070	-0071	-0072	-0073	-0074	-0075
	Straight shaft 30,key width 8	M22X1.5, without drain port	41 - 0080	-0081	-0082	-0083	-0084	-0085
	6D-30X26X8(Center hole threadM14)	M22X1.5, without drain port	41 - 1090	-1091	-1092	-1093	-1094	-1095