

THS series

Features

Compact in design with disc valving and Geroler

High pressure capacity shaft seal

Design and manufacture of the spline and drives give the motor durability

Wide variety of mounting flanges, shafts, ports and speed provides design flexibility

Direction of shaft rotation and speed can be controlled easily and smoothly

Best combination of high efficiency and economy in medium duty applications



Specification Data

Displacement		cc/r	80	100	125	130	160	195	245	305	395
Flow	Rated		75	75	75	75	75	75	75	75	75
	LPM	Max	75	95	95	95	115	115	115	115	130
Speed	Rated		799	742	630	576	477	385	308	246	191
	RPM	Max	908	924	820	720	713	577	462	365	335
Pressure	Rated		170	170	170	170	170	170	170	140	140
	Bar	Max	275	275	310	275	240	240	240	205	170
Torque	Rated		195	245	200	315	380	455	555	560	700
	Nm	Max	305	395	510	505	530	625	765	805	890

Max. pressure is the allowed pressure at the inlet port. Rated pressure is the working pressure difference between inlet and outlet port.

A simultaneous maximum RPM and maximum pressure NOT recommended

Maximum pressure or maximum RPM operation: 10% of every minute

Recommended fluids: Anti-wear type of hydraulic oil. Viscosity recommended 37–73 cSt. Recommended filtration ISO18/13. Maximum operating temperature recommended 80°C

Special high pressure capacity shaft seal ensures back pressure up to 10 Mpa. Recommended preferable back pressure 5 Mpa. Case drain line is recommended when back pressure higher than 5 Mpa. When case drain line is used, make sure the motor is always filled with oil. The motor life is benefited from a case drain line.

It is highly recommended that the motor runs at 30% of rated pressure for at least one hour before application of full load. Be sure the motor is filled with fluid prior to any load applications.

DISC Valve Motors

THS series

Continuous
 intermittent

Performance Data

80cc/r

		Δ Pressure Bar							
		35	70	105	140	170	205	240	275
0.95		25	45						
		3	1						
1.90		30	50	85					
		17	8	3					
3.80		35	75	110	145	175	205	220	240
		44	40	37	34	28	22	14	2
7.50		35	75	110	150	180	210	235	265
		90	85	81	78	72	65	57	49
15.0		35	75	115	150	185	215	250	280
		182	178	170	168	159	152	140	128
23.0		35	75	115	150	185	225	255	290
		273	267	259	254	246	238	223	207
30.0		35	75	115	150	190	230	265	300
		365	375	349	341	333	325	306	286
38.0		35	75	115	155	190	230	270	305
		456	448	439	429	420	411	388	364
45.0		30	70	115	155	195	235	270	305
		547	537	530	518	507	497	470	442
53.0		30	70	110	150	195	235	270	305
		638	629	622	603	593	584	553	521
61.0		30	70	110	150	190	230	270	305
		729	720	714	689	679	670	635	599
68.0		25	65	110	150	190	230	265	300
		818	810	795	775	765	756	717	677
76.0		25	65	105	145	185	225	260	295
		908	901	880	861	851	842	799	755

185 Torque Nm
851 Speed RPM

Motors run with high efficiency in all areas designated with a number for torque and speed, However for best motor life select a motor to run with a torque and speed in the Continuous Area.

100cc/r

		Δ Pressure Bar							
		35	70	105	140	170	205	240	275
0.95		30							
		2							
1.90		35	70	105					
		9	5	2					
3.80		45	95	135	175	210	240		
		34	31	28	23	15	6		
7.50		45	95	140	180	215	250	285	315
		71	68	63	59	51	38	24	14
15.0		45	90	140	185	225	270	310	355
		145	141	136	131	121	104	94	80
23.0		45	90	140	190	235	280	325	370
		219	215	209	202	192	172	163	149
30.0		40	90	140	190	240	290	340	385
		294	288	281	273	261	243	231	216
38.0		40	90	145	195	245	295	340	390
		368	362	354	344	330	316	300	283
45.0		40	90	145	195	245	295	345	395
		442	436	427	415	399	389	369	350
53.0		35	90	140	195	245	295	345	395
		516	509	500	486	469	463	437	417
61.0		35	90	140	195	245	295	345	395
		591	583	573	558	540	537	506	485
68.0		35	85	140	190	240	290	340	390
		665	657	646	630	611	609	574	552
76.0		30	80	135	185	235	290	335	390
		739	731	715	703	684	662	643	619
83.0		30	80	135	185	235	290	330	380
		813	805	794	777	758	749	712	687
91.0		30	80	130	175	230	280	330	375
		887	879	868	852	834	814	782	754
95.0		25	75	125	175	225	275	325	
		924	916	905	890	873	846	817	

Performance data is typical at 120 SUS. Actual data may vary slightly from unit to unit in production

THS series

Performance Data

Continuous
 intermittent

125cc/r

		Δ Pressure Bar							
		35	70	105	140	170	205	240	275
Flow LPM	0.95								
	1.90	45 8	100 2						
	3.80	60 27	120 23	180 19	230 16	285 13	330 9	375 3	
	7.50	60 56	120 53	180 47	235 42	290 39	330 36	375 28	410 21
	15.0	55 113	120 111	185 104	245 97	300 95	350 92	400 85	450 77
	23.0	55 171	120 169	185 161	245 153	310 149	370 146	425 132	485 118
	30.0	55 224	120 222	185 219	250 210	315 204	375 201	435 192	495 184
	38.0	55 286	120 282	185 276	250 269	315 261	385 255	445 243	505 231
	45.0	50 344	120 338	185 333	250 327	315 317	380 307	440 295	500 284
	53.0	50 402	115 395	185 391	250 385	340 373	380 360	440 348	500 336
	61.0	45 460	115 452	180 447	250 443	315 430	375 411	440 397	500 384
	68.0	45 517	110 509	180 504	245 500	310 484	375 471	435 456	500 440
	76.0	45 575	110 568	175 560	240 551	305 539	370 524	435 508	
	83.0	40 633	105 624	170 619	235 604	305 597	365 579	430 580	
	91.0	35 691	105 682	170 676	235 665	300 651	365 633	425 616	
	95.0	35 719	100 712	165 705	230 692	295 679	360 662	420 656	

160cc/r

		Δ Pressure Bar							
		15	35	70	105	140	170	205	240
Flow LPM	0.95	25 3							
	1.90	25 9	55 7	110 5	175 3	240 1			
	3.80	30 23	65 21	130 19	195 17	260 13	320 8	375 3	430 2
	7.50	35 46	70 45	135 42	200 39	285 35	330 34	395 33	460 28
	15.0	35 93	70 92	140 89	215 85	285 79	360 77	430 75	505 59
	23.0	35 142	75 140	145 137	220 131	295 124	370 118	445 113	520 104
	30.0	35 190	75 187	150 184	225 178	300 170	375 166	450 164	525 153
	38.0	35 237	70 235	150 231	230 228	320 217	385 212	455 205	530 193
	45.0	30 286	70 283	150 279	230 274	305 265	380 254	455 246	530 235
	53.0	25 334	65 331	145 328	230 322	305 312	380 305	455 297	530 286
	61.0	25 382	65 378	145 374	225 369	300 360	375 349	455 339	530 326
	68.0	20 429	60 426	140 422	220 416	300 407	375 394	450 387	
	76.0	20 477	60 474	135 469	215 462	300 451	375 440	445 430	
	83.0	15 525	55 522	130 517	210 510	295 501	370 484	445 473	
	91.0	15 572	50 569	130 564	210 558	290 546	370 531	440 522	
	95.0	10 596	50 593	130 587	210 580	290 566	370 553	440 544	
	114.0		35 713	120 706	200 696	280 682	355 672	430 658	

Motors run with high efficiency in all areas designated with a number for torque and speed, However for best motor life select a motor to run with a torque and speed in the Continuous Area.

120 Torque Nm
706 Speed RPM

Performance data is typical at 120 SUS.
Actual data may vary slightly from unit to unit in production

THS series

Performance Data

Continuous

Intermittent

195cc/r

245cc/r

		Δ Pressure Bar							
		15	35	70	105	140	170	205	240
0.95		25	65						
	4	2							
1.90		35	70	150					
	6	6	2						
3.80		45	80	180	200	305	370	430	490
	17	18	14	11	7	4	2	1	
7.50		45	85	185	250	325	415	510	575
	37	35	33	31	26	21	19	14	
15.0		45	90	175	280	345	430	510	595
	78	74	72	70	64	61	57	51	
23.0		45	90	180	270	360	445	530	615
	115	113	110	108	102	99	94	87	
30.0		45	90	185	275	370	455	540	625
	154	151	148	146	140	135	130	123	
38.0		45	95	185	280	375	465	545	630
	193	190	187	184	177	173	168	160	
45.0		40	90	185	2880	375	465	550	
	231	229	226	221	218	211	204		
53.0		35	85	185	280	380	465	550	
	269	267	264	260	254	248	241		
61.0		30	80	185	275	375	465	550	
	308	306	303	296	290	283	276		
68.0		30	80	180	270	375	465		
	346	345	342	334	327	315			
76.0		25	75	175	270	370	460		
	385	384	380	372	367	359			
83.0		20	70	170	265	365	460		
	424	423	418	410	404	395			
91.0		15	65	165	260	360	450		
	462	461	457	449	441	432			
95.0		15	60	160	260	355	445		
	484	482	476	469	459	449			
114.0			45	145	240	330			
		577	571	562	550				

		Δ Pressure Bar							
		15	35	70	105	140	170	205	240
0.95									
1.90		45	95						
	4	2							
3.80		50	105	210	315	410	515	615	715
	14	13	11	9	6	4	3	1	
7.50		50	110	215	325	425	540	640	740
	29	28	26	23	20	18	15	12	
15.0		55	115	225	340	450	555	660	765
	80	59	56	53	49	47	46	44	
23.0		50	115	230	350	465	570	675	780
	91	90	87	83	78	73	69	65	
30.0		50	115	235	360	475	585	690	
	122	121	118	113	108	104	101		
38.0		50	115	240	360	480	560	705	
	153	152	148	144	139	135	103		
45.0		45	110	235	360	480	600		
	164	183	180	175	170	165			
53.0		40	105	235	355	480	585		
	215	214	211	207	201	195			
61.0		40	95	230	355	470	580		
	246	245	242	238	232	223			
68.0		30	90	225	345	465	575		
	277	276	273	269	263	253			
76.0		30	90	215	340	465			
	308	306	302	298	291				
83.0		25	80	210	330	455			
	339	337	334	330	323				
91.0		15	75	200	325	445			
	370	369	364	360	353				
95.0		15	75	200	325	445			
	365	364	379	375	367				
114.0			60	185	305	430			
		482	458	453	447				

Motors run with high efficiency in all areas designated with a number for torque and speed. However for best motor life select a motor to run with a torque and speed in the Continuous Area.

185 Torque Nm
458 Speed RPM

Performance data is typical at 120 SUS. Actual data may vary slightly from unit to unit in production

THS series

Performance Data

Continuous
 Intermittent

305cc/r

395cc/r

		Δ Pressure Bar						
		15	35	70	105	140	170	205
0.95								
	1.90	55 4	120 2					
3.80		70	135	260	390	500	610	
	7.50	12	11	10	9	6	1	
15.0		70	135	270	395	520	640	785
	23.0	24	24	22	20	18	15	11
30.0		75	140	280	415	545	675	805
	38.0	49	49	47	45	42	38	34
45.0		70	145	290	430	560	695	825
	53.0	74	74	72	69	64	58	52
61.0		70	145	295	440	575	705	
	68.0	98	98	96	93	86	80	
76.0		65	140	295	440	580	720	
	83.0	123	122	120	117	110	102	
91.0		60	140	295	440	580	720	
	98.0	148	147	144	142	133	124	
114.0		55	135	290	440	580		
	132.0	172	172	168	165	156		
1.90		50	125	280	440	575		
	3.80	196	196	192	188	178		
7.50		40	120	275	440	570		
	15.0	221	221	217	212	202		
15.0		35	110	265	420	565		
	23.0	246	245	241	236	226		
30.0		25	105	260	400	545		
	38.0	271	270	266	260	255		
45.0		20	100	255	385	525		
	53.0	296	294	290	285	280		
61.0		15	95	250	375	510		
	68.0	306	307	303	298	293		
76.0			75	230	355			
	83.0		365	360	356			

		Δ Pressure Bar							
		15	35	70	105	120	140	155	170
0.95									
	1.90	65 4	150 3						
3.80		85	175	350	505	585	665	745	820
	7.50	9	9	8	7	7	6	5	4
15.0		90	180	360	530	615	700	775	845
	23.0	18	18	17	16	15	14	13	11
30.0		90	190	375	560	650	740	815	890
	38.0	37	37	36	35	34	33	31	28
45.0		90	190	385	575	670	765	840	905
	53.0	57	56	55	52	50	49	47	45
61.0		90	190	390	580	675	770		
	68.0	76	75	74	71	69	68		
76.0		90	190	395	585	680	775		
	83.0	95	94	93	90	88	86		
91.0		85	190	390	580	675	770		
	98.0	114	113	112	109	106	103		
114.0		85	185	390	580	675			
	132.0	133	132	131	127	124			
1.90		80	180	380	570	670			
	3.80	153	152	150	146	144			
7.50		70	170	375	565	665			
	15.0	172	171	170	167	164			
15.0		65	165	370	560	660			
	23.0	191	190	189	186	184			
30.0		60	155	360	550				
	38.0	210	209	208	206				
45.0		50	150	350	540				
	53.0	230	229	227	224				
61.0		40	140	340	535				
	68.0	249	248	246	242				
76.0		20	120	320	515				
	83.0	287	286	283	277				
91.0			95	300					
	98.0		335	333					

Motors run with high efficiency in all areas designated with a number for torque and speed, However for best motor life select a motor to run with a torque and speed in the Continuous Area.

300 Torque Nm
 333 Speed RPM

Performance data is typical at 120 SUS. Actual data may vary slightly from unit to unit in production

THS series

Continuous
 intermittent

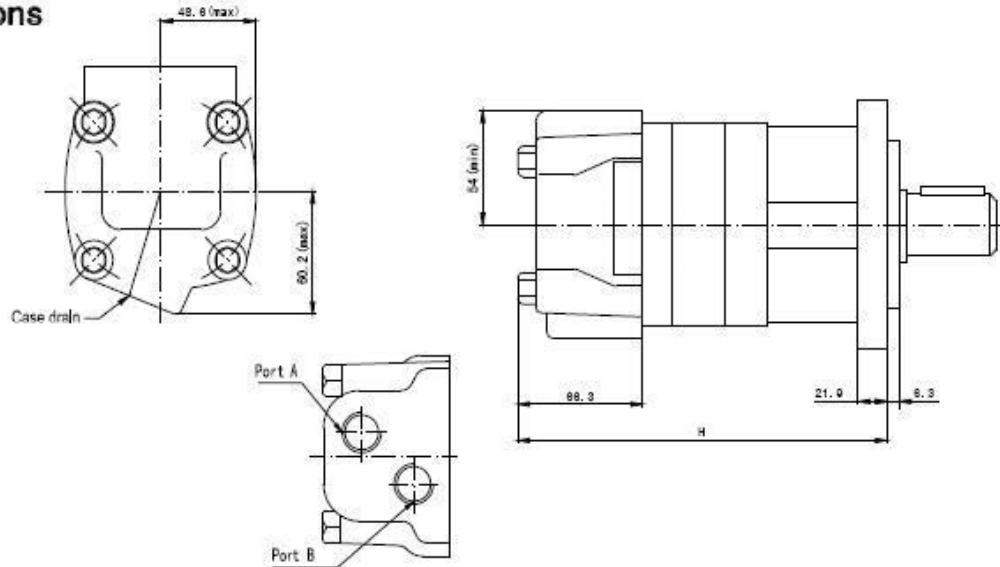
490cc/r

		Pressure Δ Bar							
		15	35	50	70	85	105	120	140
Flow LPM	1.9	75 2	180 1						
	3.8	105 7	225 6	340 5	440 4	550 2			
	7.5	105 14	235 13	350 12	460 10	575 9	715 7		
	15	110 30	240 29	365 28	480 27	605 26	720 24	835 22	900 20
	23	110 45	240 44	365 43	485 42	605 41	725 39	845 37	93 35
	30	110 61	240 60	365 59	490 58	610 57	730 55	855 52	
	38	105 76	230 75	360 74	485 73	610 72	730 70	855 68	
	45	95 91	225 90	355 90	480 89	605 87	730 85	855 84	
	53	90 106	220 105	345 105	475 104	60 102	725 100		
	61	80 122	210 121	340 120	465 119	590 118	715 116		
	68	70 153	190 152	315 151	445 150	570 149	700 146		
	76	60 153	190 152	315 151	445 150	570 149	700 146		
	83	50 168	175 168	305 167	435 165	560 164	685 161		
	91	40 184	165 184	295 183	420 181	550 179	675 177		
	98	30 199	155 195	285 195	410 192	540 190			
	106		140 212	270 211	400 209	525 207			
	114		125 230	255 229	385 277	510 224			

255 Torque NM
229 Speed rpm

THS series

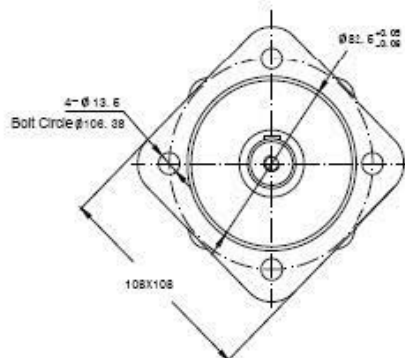
Dimensions



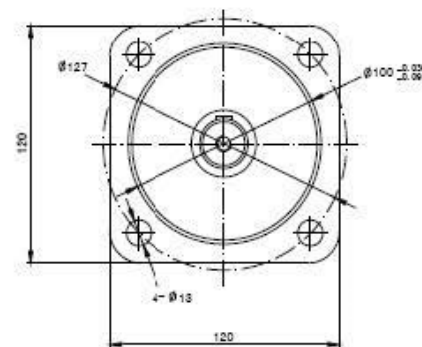
Displacement cc/r	80	100	130	160	195	245	305	395	490
H mm	184	189	195	195	202	211	223	239	256

Flange

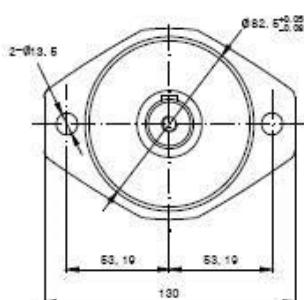
4 bolt Square



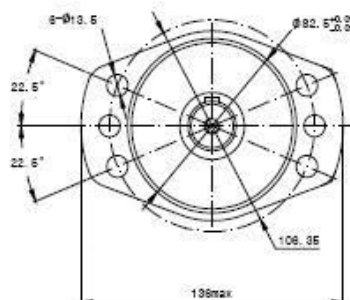
4 bolt large Square



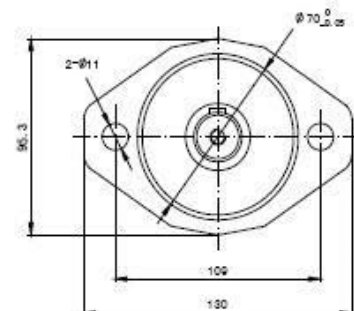
2 bolt Rhomb



6 bolt Rhomb

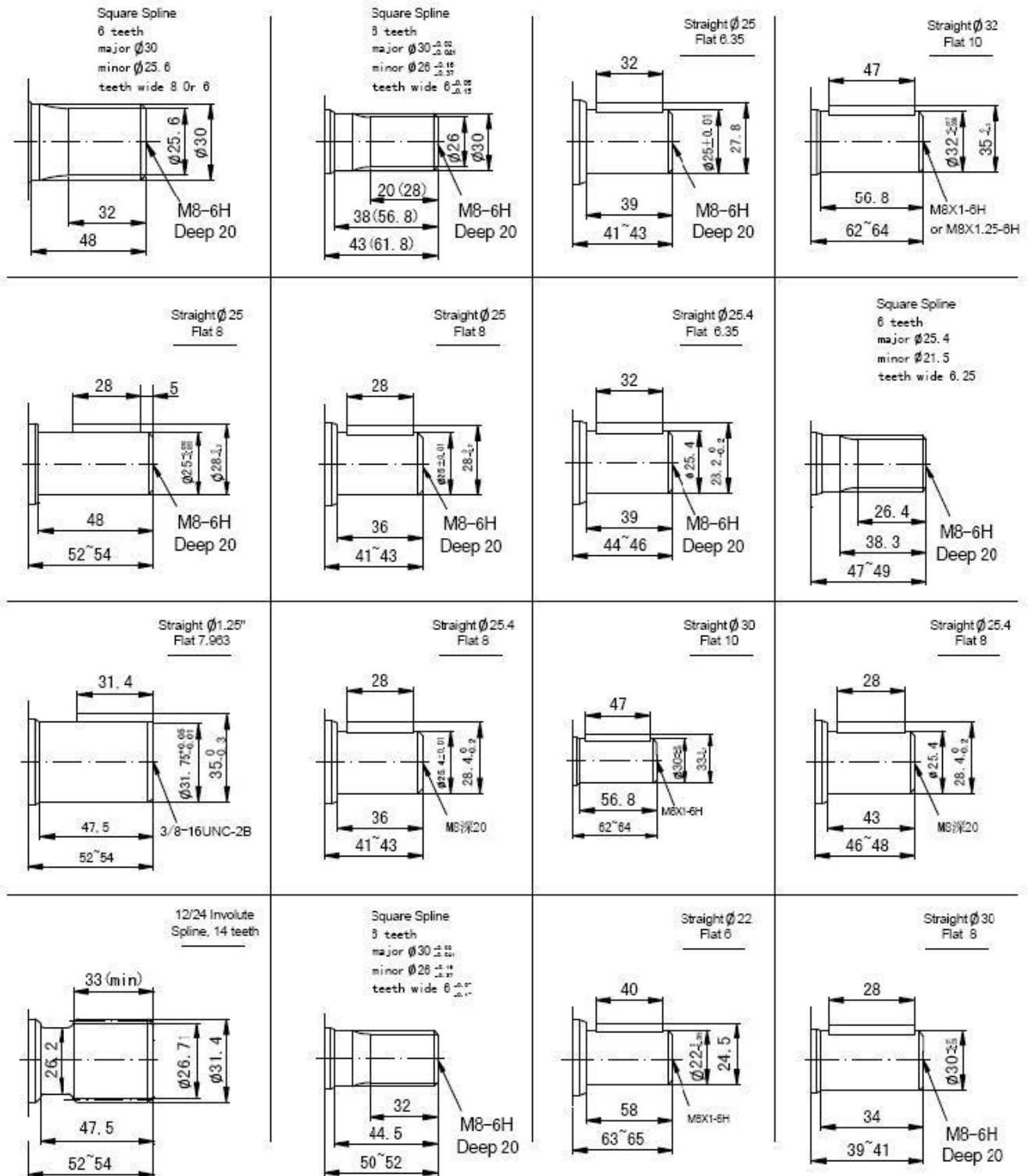


2 bolt Rhomb



THS series

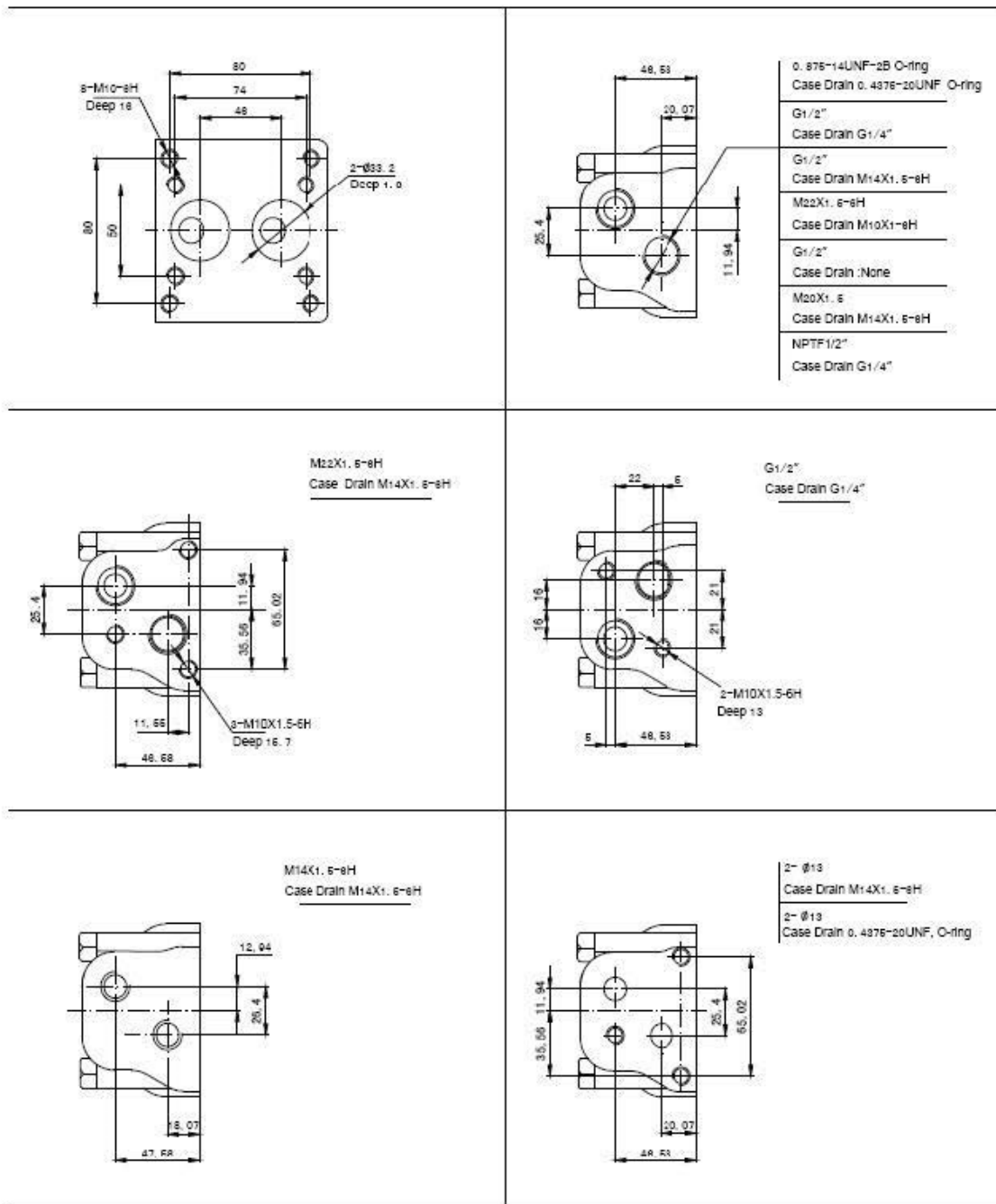
Dimensions shaft



NOTE: Take this page for reference and select a product number in the following pages.
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THS series

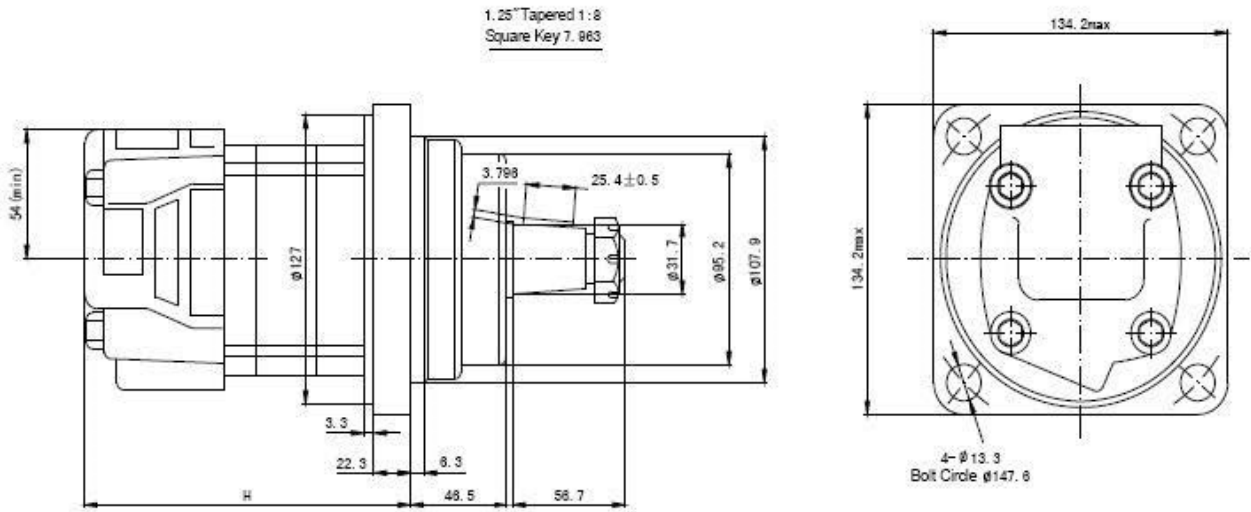
Dimensions port



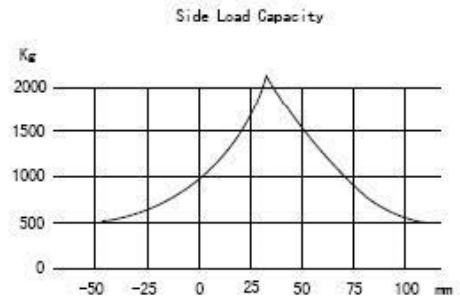
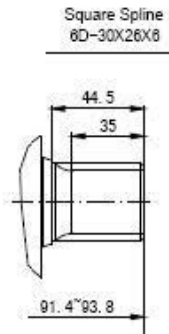
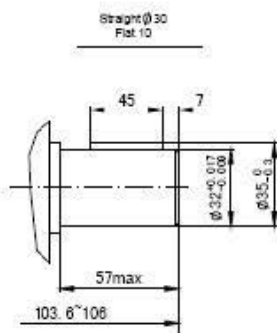
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THS series wheel motor

Dimensions



Disp. cc/r	80	100	130	160	196	245	305	395	490
H mm	144	148	155	155	162	171	182	198	216

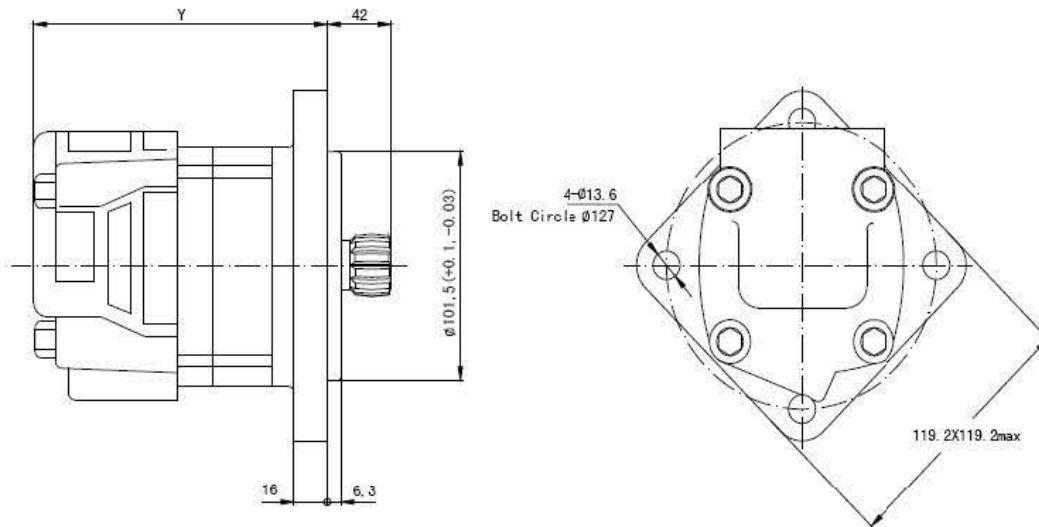


Port face and port combination same as standard motor
Standard rotation : CW -when A port pressurized
(view from the shaft end)

NOTE: Take this page for reference and select a product number in the following pages.
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THS series wheel motor

Dimensions

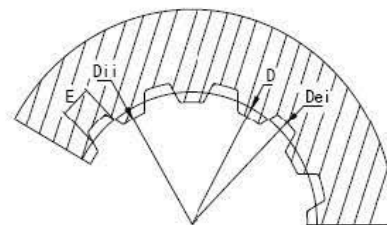


Displ. cc/r	80	100	130	160	195	245	305	395	490
Y (mm)	127	131	138	138	145	154	165	181	198

Port face and port combination same as standard motor
 Standard rotation : CW -when A port pressurized
 (view from the shaft end)

Internal Spline Data For The Attached Componet

Fillet Root Side Fit	mm	
Number of Teeth	Z	12
Diametral Pitch	DP	12/24
Pressure Angle	D	30
Pitch Dia.	D	$\phi 25.4$
Major Dia.	Dei	$\phi 28$
Minor Dia.	DiI	$\phi 23$
Space Width	E	4.308



Hardening Specification : HRC62
 Effective case depth 0.7

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THS series

Customer Order Information

Port	Output Shaft	Flange & Pilot	Displacement cc/r							
			80	100	130	160	195	245	305	395
Port M22X1.5 Case Drain M14X1.5	Straight $\Phi 1''$ Flat Key 8	2 Bolt Flange, Pilot $\Phi 82.55$	182m0301	0302	0303	0304	0305	0306	0307	0308
		4 Bolt Flange, Pilot $\Phi 82.55$	182m0471	0472	0473	0474	0475	0476	0477	0478
	Straight $\Phi 25$ Flat Key 8, L=44	4 Bolt Flange, Pilot $\Phi 82.55$	182m0451	0452	0453	0454	0455	0456	0457	0458
	Straight $\Phi 1.25''$ Flat Key 7.963	2 Bolt Flange, Pilot $\Phi 82.55$	182m0011	0012	0013	0014	0015	0016	0017	0018
	Straight $\Phi 1''$ Flat Key 8	2 Bolt Flange, Pilot $\Phi 82.55$	182m0061	0062	0063	0064	0065	0066	0067	0068
	Straight $\Phi 25$ Flat Key 8	2 Bolt Flange, Pilot $\Phi 82.55$	182m0021	0022	0023	0024	0025	0026	0027	0028
	Straight $\Phi 32$ Flat Key 10	4 Bolt Flange, Pilot $\Phi 82.55$	182m0041	0042	0043	0044	0045	0046	0047	0048
		2 Bolt Flange, Pilot $\Phi 82.55$	182m0071	0072	0073	0074	0075	0076	0077	0078
	Square Spline 6D30X26X6, L=52.5	2 Bolt Flange, Pilot $\Phi 82.55$	182m1031	1032	1033	1034	1035	1036	1037	1038
		4 Bolt Flange, Pilot $\Phi 82.55$	182m1111	1112	1113	1114	1115	1116	1117	1118
	Square Spline 6D30X26X6, L=66.5	4 Bolt Flange, Pilot $\Phi 82.55$	182m1051	1052	1053	1054	1055	1056	1057	1058
	Square Spline 6D30X26X6, L=47, Spline Length 20	4 Bolt Flange, Pilot $\Phi 82.55$	182m1091	1092	1093	1094	1095	1096	1097	1098
	Square Spline 6D30X26X6, L=66.5, Spline Length 45	4 Bolt Flange, Pilot $\Phi 82.55$	182m1381	1382	1383	1384	1385	1386	1387	1388
	12/24 Involute Spline, 14 Teeth	2 Bolt Flange, Pilot $\Phi 82.55$	182m2411	2412	2413	2414	2415	2416	2417	2418
Port G1/2BSP Case Drain M14X1.5	Straight $\Phi 25$ Flat Key 6.35	2 Bolt Flange, Pilot $\Phi 82.55$	182m0151	0152	0153	0154	0155	0156	0157	0158
	Straight $\Phi 25$ Flat Key 8, L=44	2 Bolt Flange, Pilot $\Phi 82.55$	182m0461	0462	0463	0464	0465	0466	0467	0468
Port G1/2BSP Case Drain G1/4BSP	Straight $\Phi 1.25''$ Flat Key 7.963 Shaft end M12	2 Bolt Flange, Pilot $\Phi 82.55$	182m0341	0342	0343	0344	0345	0346	0347	0348
	Straight $\Phi 1''$ Flat Key 6.35	2 Bolt Flange, Pilot $\Phi 82.55$	182m0161	0162	0163	0164	0165	0166	0167	0168
	Straight $\Phi 1.25''$ Flat Key 7.963	4 Bolt Flange, Pilot $\Phi 82.55$	182m0251	0252	0253	0254	0255	0256	0257	0258
	Square Spline 6D30X26X6, L=52.5	4 Bolt Flange, Pilot $\Phi 82.55$	182m1421	1422	1423	1424	1425	1426	1427	1428
	12/24 Involute Spline, 14 Teeth	4 Bolt Flange, Pilot $\Phi 82.55$	182m2241	2242	2243	2244	2245	2246	2247	2248

THS series

Customer Order Information

Port	Output Shaft	Flange & Pilot	Displacement cc/r							
			80	100	130	160	195	245	305	395
Port 7/0 14UNF O-ring, Case Drain 7/16-20UNF O-ring	Straight $\Phi 1.25''$	4 Bolt Flange, Pilot $\Phi 82.55$	182m0271	0272	0273	0274	0275	0276	0277	0278
	Flat Key 7.963	2 Bolt Flange, Pilot $\Phi 82.55$	182m0441	0442	0443	0444	0445	0446	0447	0448
Manifold Port Face, Case Drain 7/16-20UNF	Straight $\Phi 1.25''$	4 Bolt Flange, Pilot $\Phi 82.55$	182m0351	0352	0353	0354	0355	0356	0357	0358
	Flat Key 7.963	2 Bolt Flange, Pilot $\Phi 82.55$	182m0361	0362	0363	0364	0365	0366	0367	0368
	Straight $\Phi 1''$ Flat Key 8	2 Bolt Flange, Pilot $\Phi 82.55$	182m0051	0052	0053	0054	0055	0056	0057	0058
	Straight $\Phi 32$ Flat Key 10	4 Bolt Flange, Pilot $\Phi 82.55$	182m0121	0122	0123	0124	0125	0126	0127	0128

SMS Series (Wheel Motor)

Port	Output Shaft	Flange & Pilot	Displacement cc/r							
			80	100	130	160	195	245	305	395
Port M22X1.5, Case Drain M14X1.5	Straight $\Phi 32$ Flat Key 10	4 Bolt Wheel Motor Flange, Pilot $\Phi 4.25$	604-4371	-4372	-4373	-4374	-4375	-4376	-4377	-4378
	Square Spline 6D-30X26X6, L=92.2	4 Bolt Wheel Motor Flange, Pilot $\Phi 4.25$	604-1101	-1102	-1103	-1104	-1105	-1106	-1107	-1108
	1.25" Tapered Shaft (1:8) Flat Key 7.963	4 Bolt Wheel Motor Flange, Pilot $\Phi 4.25$	604-4141	-4142	-4143	-4144	-4145	-4146	-4147	-4148
Port G1/2BSP, Case Drain G1/4BSP	Straight $\Phi 32$ Flat Key 10	4 Bolt Wheel Motor Flange, Pilot $\Phi 4.25$	105-1134	-1135	-1136	-1137	-1138	-1139	-1140	-1141
Port 7/8-14UNF O-ring, Case Drain 7/16-20UNF O-ring	1.25" Tapered Shaft (1:8) Flat Key 7.963	4 Bolt Wheel Motor Flange, Pilot $\Phi 4.25$	105-1001	-1002	-1003	-1004	-1005	-1006	-1007	-1060
Manifold Port Face Case Drain 7/16-20UNF O-ring	1.25" Tapered Shaft (1:8) Flat Key 7.963	4 Bolt Wheel Motor Flange, Pilot $\Phi 4.25$	604-4391	-4392	-4393	-4394	-4395	-4396	-4397	-4398

THS series (Large Flange Motor)

Customer Order Information

Port	Output Shaft	Flange & Pilot	Displacement cc/r					
			130	160	195	245	305	395
Port M22X1.5, Case Drain M14X1.5	Straight Φ 32 Flat Key 10	4 Bolt Flange, Pilot Φ 100	630m0021	0022	0023	0024	0025	0026
	Square Spline 6D30X26X8	4 Bolt Flange, Pilot Φ 100	181m1001	1002	1003	1004	1005	1006
Manifold Port Face, No Case Drain	Square Spline 6D30X26X8	4 Bolt Flange, Pilot Φ 100	181m1011	1012	1013	1014	1015	1016
	Square Spline 6D30X26X6	4 Bolt Flange, Pilot Φ 100	181m1031	1032	1033	1034	1035	1036

THS series Customer Order Information

1	2	3	4	5	6	7	8	9	10	11
S	M	S								

If the specification is not in the table or you have specific requirements, please contact us.

Pos. 1 : S ----- SENWEi

Pos. 2 : M ----- Motor

Pos. 3 : S ----- S series

Pos. 4,5: Displacement cc/r

0 1 ----- 80

0 2 ----- 100

0 3 ----- 130

0 4 ----- 160

0 5 ----- 195

0 6 ----- 245

0 7 ----- 305

0 8 ----- 395

0 9 ----- 490

Pos. 6 : Flange And Pilot

A ----- 4 Bolt Large Square flange ,
pilot ϕ 100

B ----- 2 Bolt Rhomb flange, Pilot ϕ 82.55

C ----- 4 Bolt Square flange ,pilot ϕ 82.55

D ----- 4 Bolt Wheel flange pilot ϕ 107.9

E ----- 6 Bolt Rhomb flange ,pilot ϕ 82.55

F ----- 2 Bolt Rhomb flange, Pilot ϕ 80

Pos. 7, 8

0 1 ----- Square Spline 6D-30X26X8

0 2 ----- Straight ϕ 25, flat key 8

0 3 ----- Square Spline 6D-30X26X6

0 4 ----- Straight ϕ 1",

Woodruff key ϕ 25.4X6.35

0 5 ----- Straight ϕ 31.75, flat key 7.96

0 6 ----- Cone shaft ϕ 31.75, flat key 7.96

0 7 ----- Shaft ϕ 31.75

Splined key 14-DP12/24

0 8 ----- Square Spline 6D-25.4X21.5X6.25

0 9 ----- Straight ϕ 1", flat key 6.35

1 0 ----- Straight ϕ 30, flat key 10

1 1 ----- Straight ϕ 22, flat key 6

Pos. 9

A ----- 2-0.875-14unf, Drain port 0.4375-20unf

B ----- 2-G1/2", Drain port G1/4"

C ----- 2-M22X1.5, Drain port M14X1.5

Manifold Mount 3-M10

D ----- 2-G1/2", Drain port M14X1.5

E ----- 2-G1/2", Drain port G1/4",

Manifold Mount 2-M10

F ----- 2-M14X1.5, Drain port M14X1.5,

G ----- 2-M22X1.5, Drain port M10X1

H ----- 2-G1/2", Drain port None,

I ----- 2-M20X1.5, Drain port M14X1.5

J ----- 2-NPTF 1/2, Drain port G1/4.

Pos. 10 Rotation Direction

A ----- Standard

B ----- Opposite

Pos. 11

A ----- No Paint

B ----- Blue (standard)

C ----- Black (standard)