ORDER CODE

	1	2	3	4	5	6
HW						

Pos.1 Mounting Flange

omit -Wheel mount, four holes

F	-Oval mount, six holes
S	-Wheel mount, four holes

Pos.2 - Displacement code

125	- 126,0 cm ^{3}/rev
160	- 158,0 cm^3/rev
200	- 201,3 cm^3/rev
235	- 235,0 cm^3/rev
250	- 252,0 cm^3/rev
300	- 300,0 cm^3/rev
315	- 314,9 cm^3/rev
350	- 347,8 cm^3/rev
370	- 369,0 cm^3/rev
400	- 396,8 cm^3/rev
470	- 470,6 cm^3/rev
500	- 502,4 cm^3/rev
535	- 536,0 cm^3/rev
550	- 550,0 cm^3/rev

Pos.3 - Shaft Extensions *

K	- 1¼" straight, Parallelkey 5/16"x 5/16"x1½'BS46
KB	- ø35 tapered 1:10, Parallelkey 5/16"x5/16"x1¼"BS46
L	- 1¼" splined 14T, ANSI B92.1-1976
M	- ø32 straight, Parallelkey A10x8x32 DIN6885
R	- 1¼" Tapered 1:8, Parallelkey 5/16"x5/16"x1" BS46
T	- 1½" Tapered 1:8, Parallelkey 5/16"x5/16"x1¼" BS46

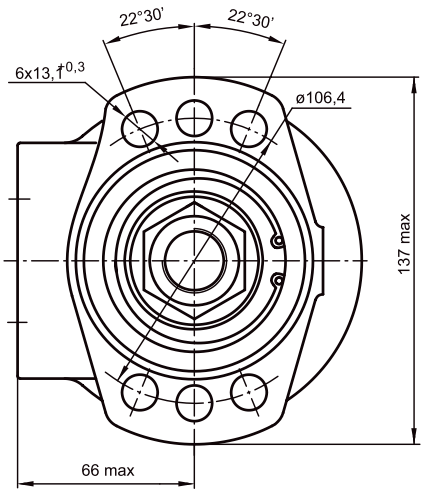
Pos.4 Ports

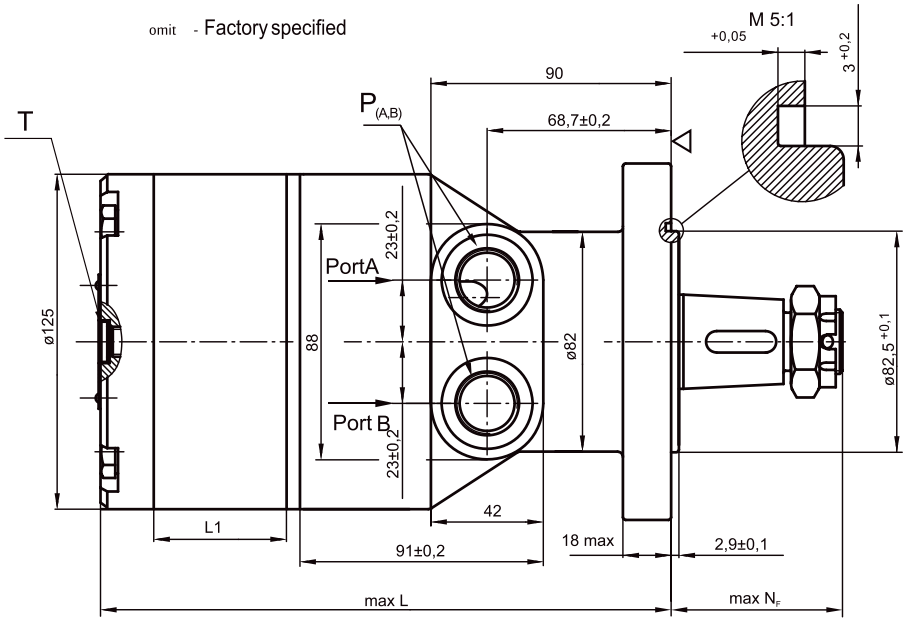
2	- BSPP (ISO 228)
4	- SAE(ANSIB1.1-1982)

Pos.5 Special Features

Pos.6 Design Series

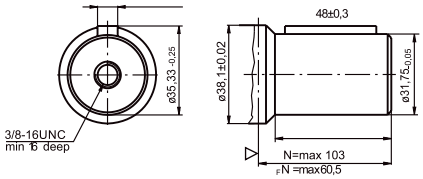
omit - Factory specified



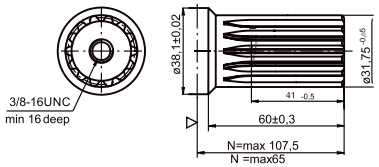


Type	L,mm	L_1,mm
HWF 125	184,0	17,4
HWF 160	188,5	21,8
HWF 200	194,5	27,8
HWF 235	199,0	32,5
HWF 250	201,5	34,8
HWF 300	208,0	41,4
HWF 315	210,0	43,5
HWF 350	214,5	48,0
HWF 370	217,5	51,0
HWF 400	221,5	54,8
HWF 470	231,51	65,0
HWF 500	236,0	69,4
HWF 535	240,5	74,1
HWF 550	242,5	76,0

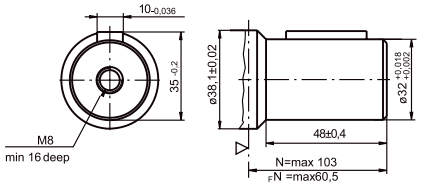
K - 1 ¼"straight, Parallelkey 5/16" x5/16 x 1 ½" BS46
Max. Torque 77daNm



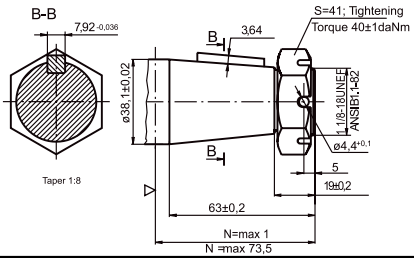
L - ø1 ¼" splined14T. DP12/24 ANSI B92.1-1976Norm
Max. Torque 77daNm



M - ø32 straight, Parallelkey A10x8x32 DIN6885
Max. Torque 77daNm



T - 1 ½" tapered 1:8, Parallelkey 5/16 x 5/16 "x1¼"Bs46
Max. Torque 120daNm



SPECIFITION DATA

Type			HW 125	HW 160	HW 200	HW 235	HW 250	HW 300	HW 315	HW 350	HW 370	HW 400	HW 470	HW 500	HW 535	HW 550
Displacement (cm³/rev.)			126	157.8	201,3	235,3	252	300	314,9	347,8	369,2	396,8	470,6	502,4	535	550
Max. Speed (RPM)	cont.		357	380	373	319	298	250	238	216	203	189	159	149	140	136
	int.*		476	475	497	425	397	333	318	288	271	252	244	229	215	209
Max. Torque (daNm)	cont.		35	44	55	64,5	69	81	85	94	96	96	92	91	90	89
	int.*		38,5	48	60	70	75	89	93	102	105	98	101	101	104	105
Max. Output (kW)	cont.		16,2	17,6	18,6	18,2	16,8	16,5	16,4	16,5	13,2	12,5	10,6	10,8	9,4	9
	int.*		19,8	21,6	23,1	22,6	20,8	20,8	20,8	20,8	19,2	18,5	17,4	17,8	16,4	15,8
Max. Pressure Drop (bar)	cont.		205	205	205	205	205	205	205	205	205	185	150	140	130	125
	int.*		225	225	225	225	225	225	225	225	225	190	165	155	150	145
Max. Oil Flow (l/min)	cont.		45	60	75	75	75	75	75	75	75	75	75	75	75	75
	int.*		60	75	100	100	100	100	100	100	100	100	115	115	115	115
Max. Inlet Pressure (bar)	cont.		210	210	210	210	210	210	210	210	210	210	210	210	210	210
	int.*		250	250	250	250	250	250	250	250	250	250	250	250	250	250
Max. Starting Pressure with Unloaded Shaft (bar)			10	10	10	10	10	10	10	10	10	10	10	10	10	10
Min. Starting Torque. daNm	at max. press. drop cont.		28,7	36	45,1	52,8	56,5	66,4	69,7	77	79,5	78,7	75,4	74,6	73,8	72,9
	at max. press. drop int.*		31,5	39,3	49,2	57,4	61,5	72,9	76,2	83,6	86	80,3	82,8	82,8	85,2	84,4
Min. Speed***, (RPM)			10	10	10	10	10	10	10	8	8	8	8	8	5	5
weight, agv. (kg)		HW	14,3	14,6	15,1	15,5	15,7	16,1	16,3	16,7	16,9	17,3	18,1	18,4	18,8	18,9
		HWF	12,8	13,1	13,6	14,0	14,2	14,6	14,8	15,2	15,4	15,8	16,6	16,9	17,3	17,4
		HWS	14	14,3	14,8	15,2	15,4	15,8	16	16,4	16,6	17	17,8	18,1	18,5	18,6

* İntermittierent operation: The permissible valeus may occur for max. 10% of every minute.
** Peak load: The permissible valeus may occur for max. 1% of every minute.
*** For speed of 5 RPM lower than eiven.consult factory or your regionar manager.
1) İnterminttend speed and İnterminttend pressure musty rot ocur simultaneously.
2) Reconmendet filtration is per ISO clean lines cide 20/16. A nominal filtration of 25 micron or better.
3) Reconmend using a premium quality, anti-vear typee mineral based hydraulic oil, HLP (DIN51524) or HM (ISO 6743/4)if using synthetic fluids consult the factory for alternative seal materials.
4) Reconmended minimum oil viscosity 13 mm2/s at 50 C.
5) Reconmended maximum system operation temperature is 82 C
6) To assure optimum motor life fill with fluit prior to loadind and run at moderate load and speed for 10-15 minutes.