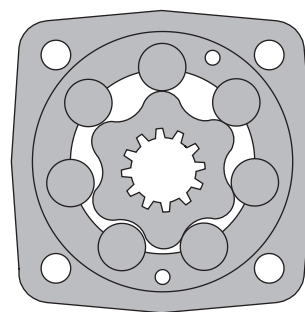


HYDRAULIC MOTORS OS



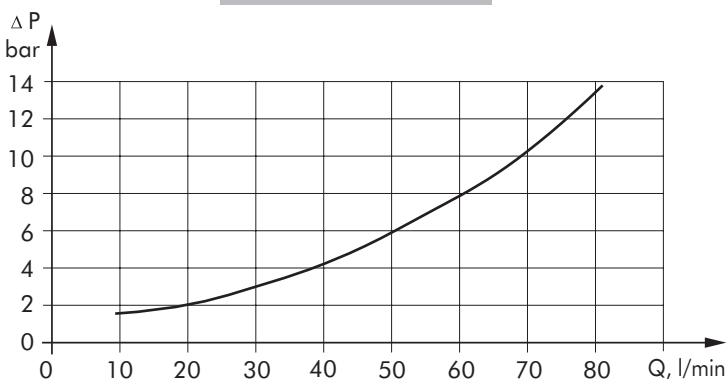
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.....	OS-02÷04	»	
	OS-05÷08	»	
	OS-09÷10	»	
	OS-11	»	
	OS-12	»	
	OS-13	»	
	OS-13	»	
	OS-14	»	
OSSB	OS-14	»	
OSS,OSV,OSZ	OS-15÷17	»	BSP
	OS-17	»	
	OS-22	»	

[cm ³ /rev.]	80,5÷711,9
[RPM]	810÷105
[daNm]	23,5÷58
[kW]	19,5÷5,4
[bar]	200÷55
[l/min]	75
[RPM]	10÷5
[daN]	P _{rad} =1500; P _α =500
	минеральное масло- HLP(DIN 51524) or HM(ISO 6743/4)
[°C]	-30÷90
[mm ² /s]	20÷75
	ISO code 20/16 (Миним. тонкость очистки 25 micron)

(bar)	(mm ² /s)	(l/min)
140	20	1,5
	35	1
210	20	3
	35	2



Type	OS 80	OS 100	OS 125	OS 160	OS 200	
/	80,5	100	125,7	159,7	200	
[RPM]	810	750	600	470	375	
	1000	900	720	560	450	
[daNm]	20	25	32	40	46	
	24	30	38	48	60	
	26	32	40	51	65	
[kW]	16	17,5	17,5	17,5	15,5	
	19	21	21	21	22	
[bar]	175	175	175	175	160	
	210	210	210	210	210	
	250	250	225	225	225	
[l/min]	65	75	75	75	75	
	80	90	90	90	90	
[bar]	210	210	210	210	210	
	250	250	250	250	250	
	300	300	300	300	300	
[bar]	0-100 /	100	100	100	100	
	100-300 /	50	50	50	50	
	300 /	20	20	20	20	
	* 0- /	100	100	100	100	
		140	140	140	140	
	*	175	175	175	175	
	**	210	210	210	210	
[bar]		12	10	10	8	
		8	8	8	8	
[daNm]		16,5	20,5	26	28	
	*	19,5	25	31	39	
	***	10	10	8	8	
		6	6	6	6	
[kg]	OSFE	9,8[10,2]	10[10,4]	10,3[10,7]	10,7[11,1]	11,1[11,5]
	OSWE	10,3[10,7]	10,5[10,9]	10,8[11,2]	11,2[11,6]	11,6[12]
	OSZE	7,8[8,2]	8[8,4]	8,3[8,7]	8,7[9,1]	9,1[9,5]
	OSVE	5,7[6,1]	5,9[6,3]	6,2[6,6]	6,6[7]	7[7,4]
	OSQE	10,2[10,6]	10,4[10,8]	10,7[11,1]	11,1[11,5]	11,5[11,9]
	OSBE	16,8[17,2]	17,0[17,4]	17,3[17,7]	17,7[18,1]	18,1[18,5]

* : . 10%

** : 1%

*** 5 /

1)

2) - 20/16 ISO. 25

3)

HLP(DIN51524) or HM (ISO 6743/4).

4) 13 . /

5) - 82°C.

6)

10-15

()

Type	OS 250	OS 315	OS 400	OS 475	OS 525	OS 565	
/	250	314,9	397	474,6	522,7	564,9	
	300	240	185	160	145	130	
[RPM]	*	360	290	230	190	175	160
		50	63	67	58	58	58
[daNm]	*	63	79	79	68	69	69
	**	69	84	85	84	85	85
		13,5	11,0	10,5	8,4	7,6	6,9
[kW]	*	19	18	15	11,3	10,4	9,6
		140	140	120	85	80	75
[bar]	*	175	175	140	100	90	85
	**	200	185	140	115	105	100
		75	75	75	75	75	75
[l/min]	*	90	90	90	90	90	90
		210	210	210	210	210	210
[bar]	*	250	250	250	250	250	250
	**	300	300	300	300	300	300
	0-100 /	100	100	100	100	100	100
	100-300 /	50	50	50	50	50	50
	EPM300 /	-	-	-	-	-	-
[bar]	* 0- /	100	100	100	100	100	100
		140	140	140	140	140	140
	*	175	175	175	175	175	175
	**	210	210	210	210	210	210
	[bar]	8	8	8	8	8	8
		36	44	47	47	47	47
[daNm]	* 44	52	55	55	55	55	
***		6	5	5	5	5	5
	OSFE	11,6[12]	12,3[12,7]	13,2[13,6]	14[14,4]	14,9[15,3]	14,9[15,3]
	OSWE	12,1[12,5]	12,8[13,2]	13,7[14,1]	14,5[14,9]	15,4[15,8]	15,4[15,8]
	OSZE	9,6[10]	10,3[10,7]	11,2[11,6]	12[12,4]	12,9[13,3]	12,9[13,3]
	OSVE	7,5[7,9]	8,2[8,6]	9,1[9,5]	9,9[10,3]	10,8[11,2]	10,8[11,2]
	OSQE	12[12,4]	12,7[13,1]	13,6[14]	14,4[14,8]	15,3[15,7]	15,3[15,7]
	OSBE	18,6[19]	19,3[19,7]	20,2[20,6]	21[21,4]	21,9[22,3]	21,9[22,3]

* : . 10%

** : 1%

*** 5 /

1)

2) - 20/16 ISO. 25

3)

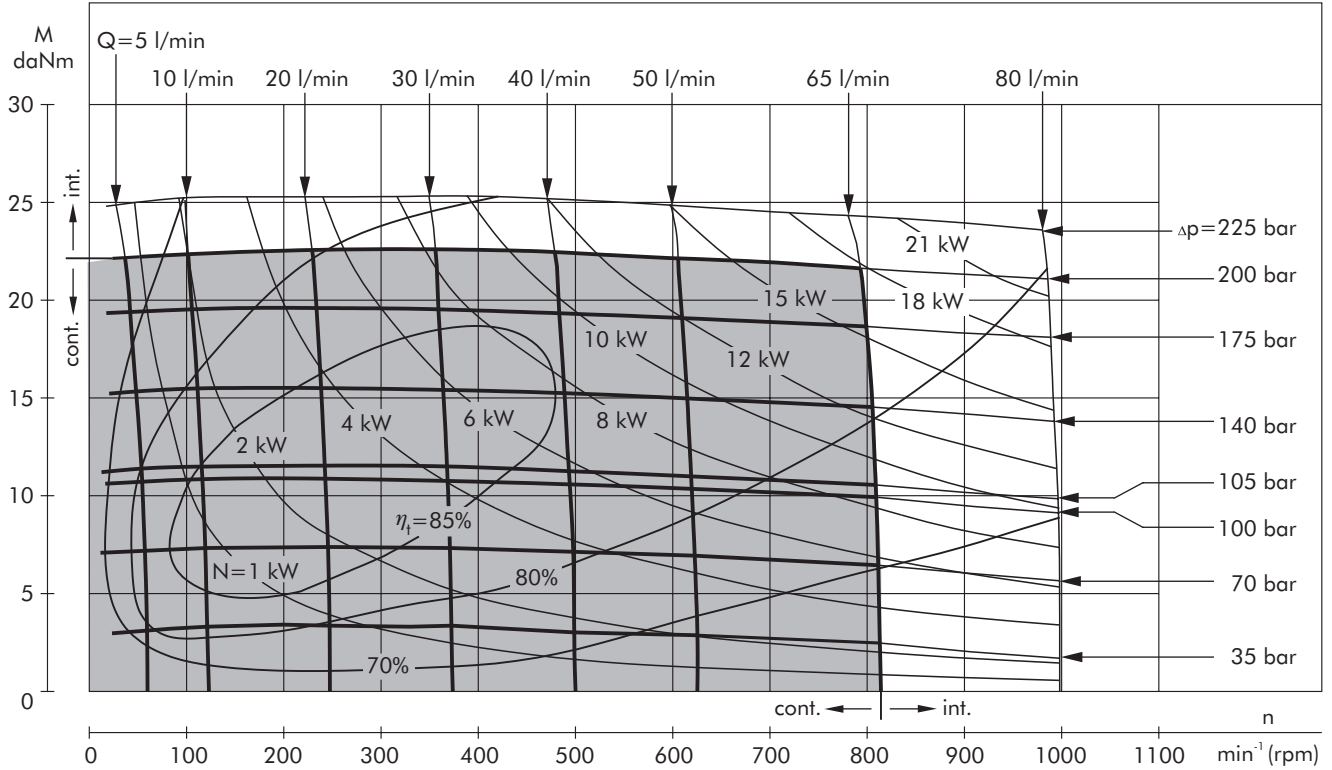
HLP(DIN51524) or HM (ISO 6743/4).

4) 13 . /

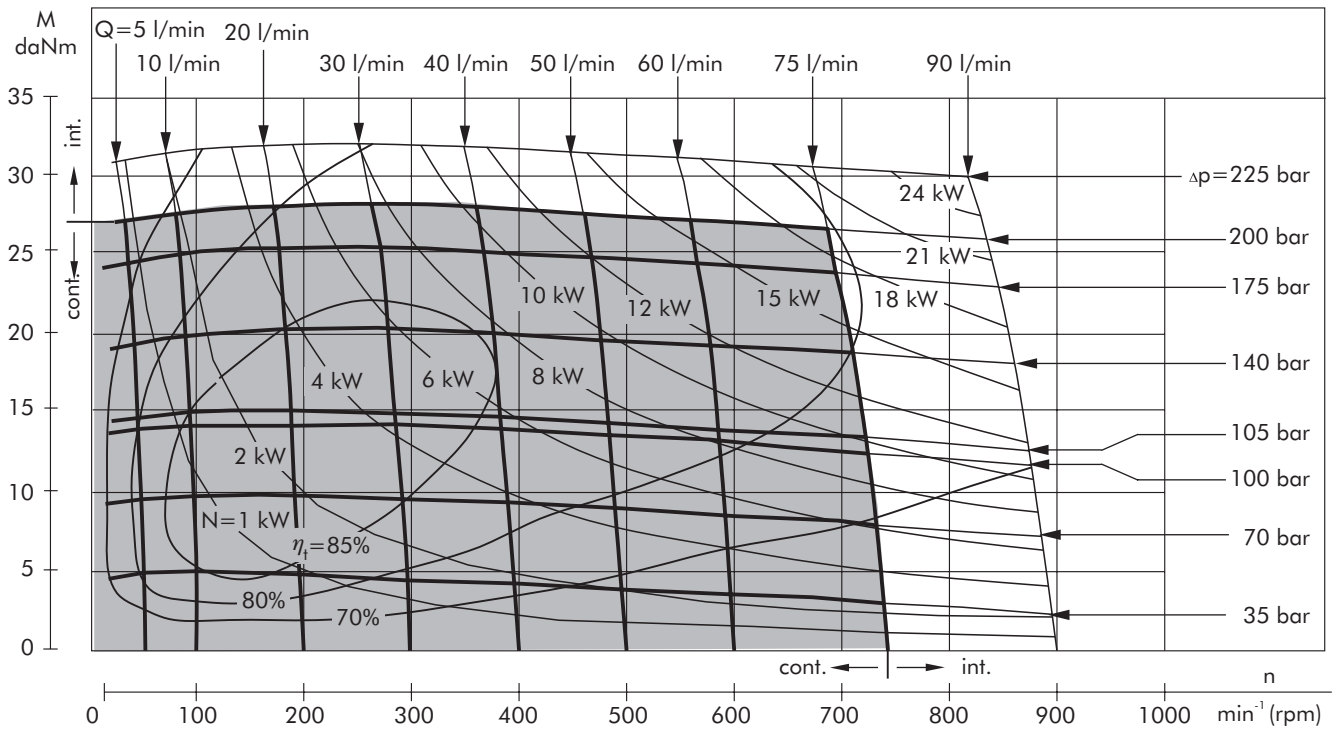
5) - 82°C.

6)

OS 80



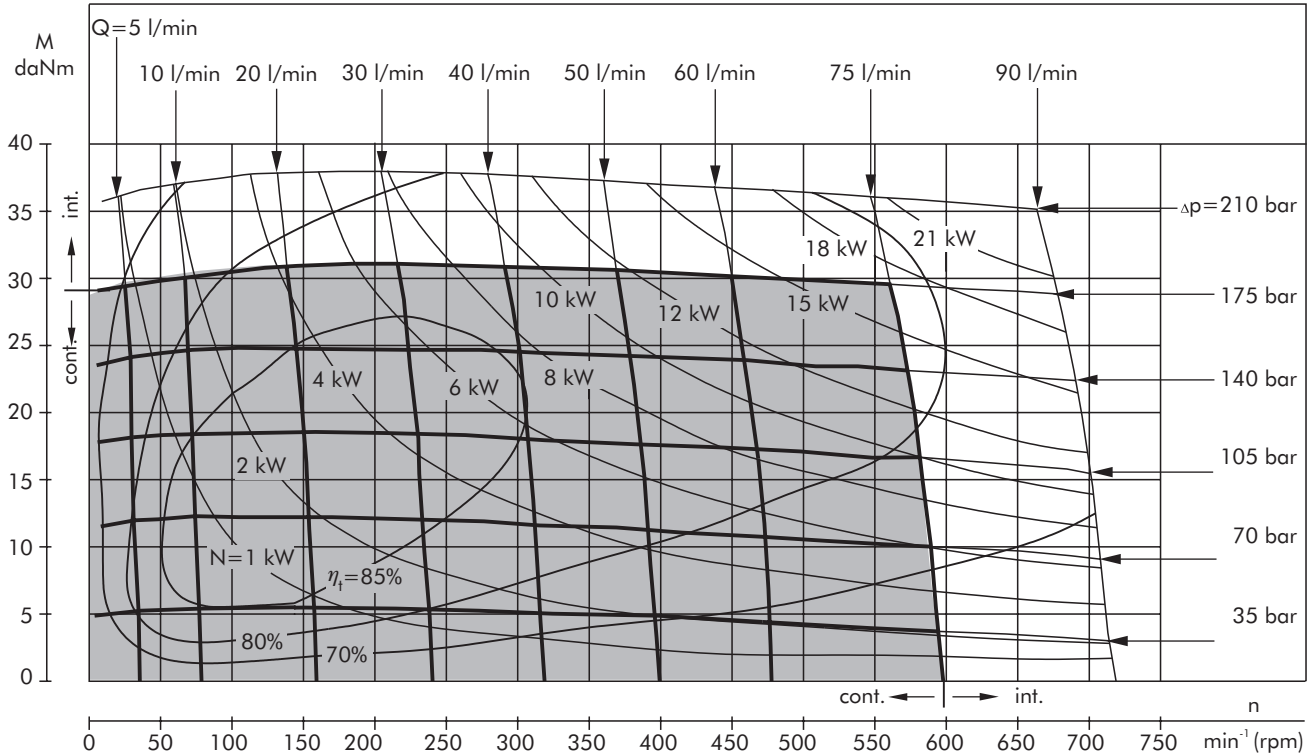
OS 100



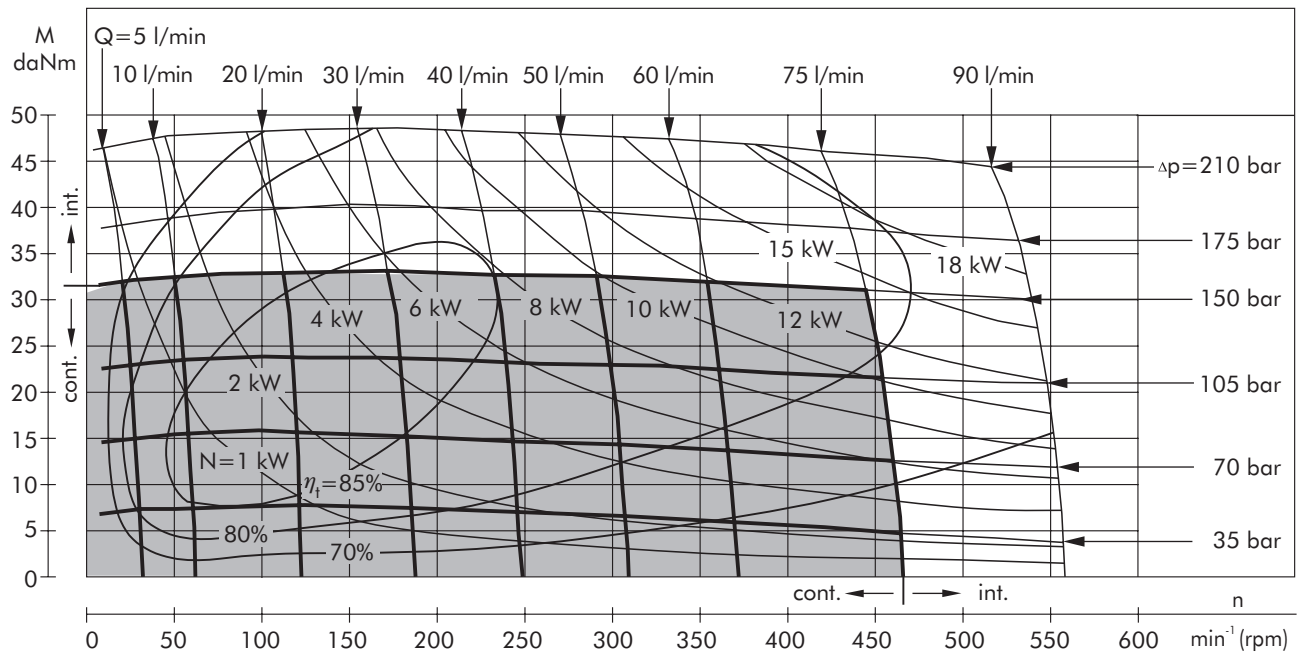
5-10

32 . / 50 °C.

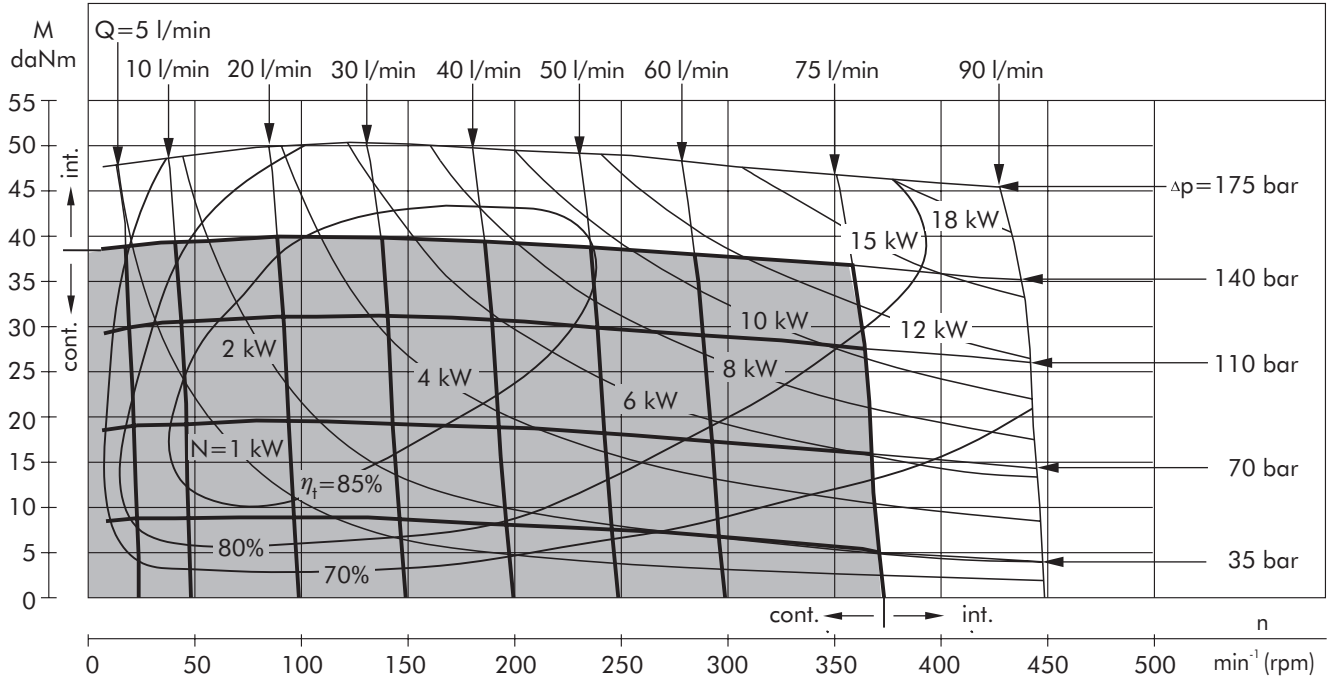
OS 125



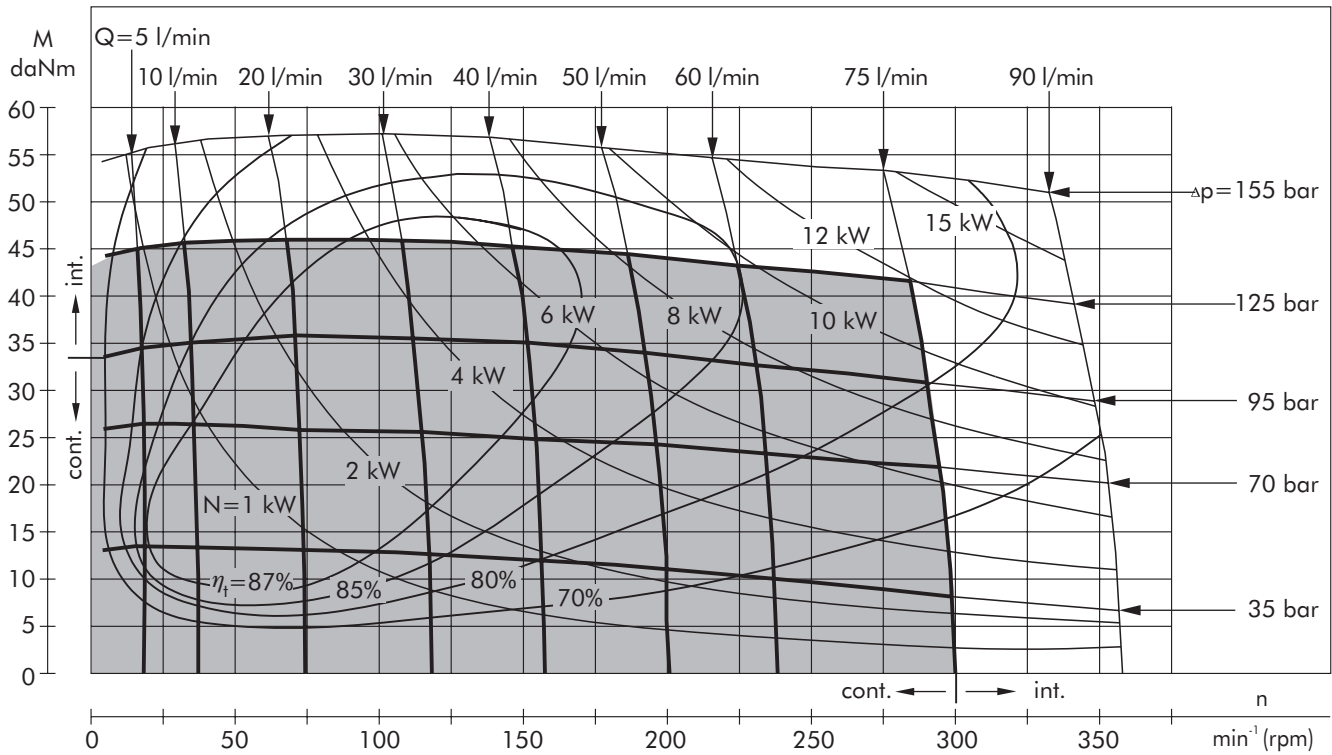
OS 160



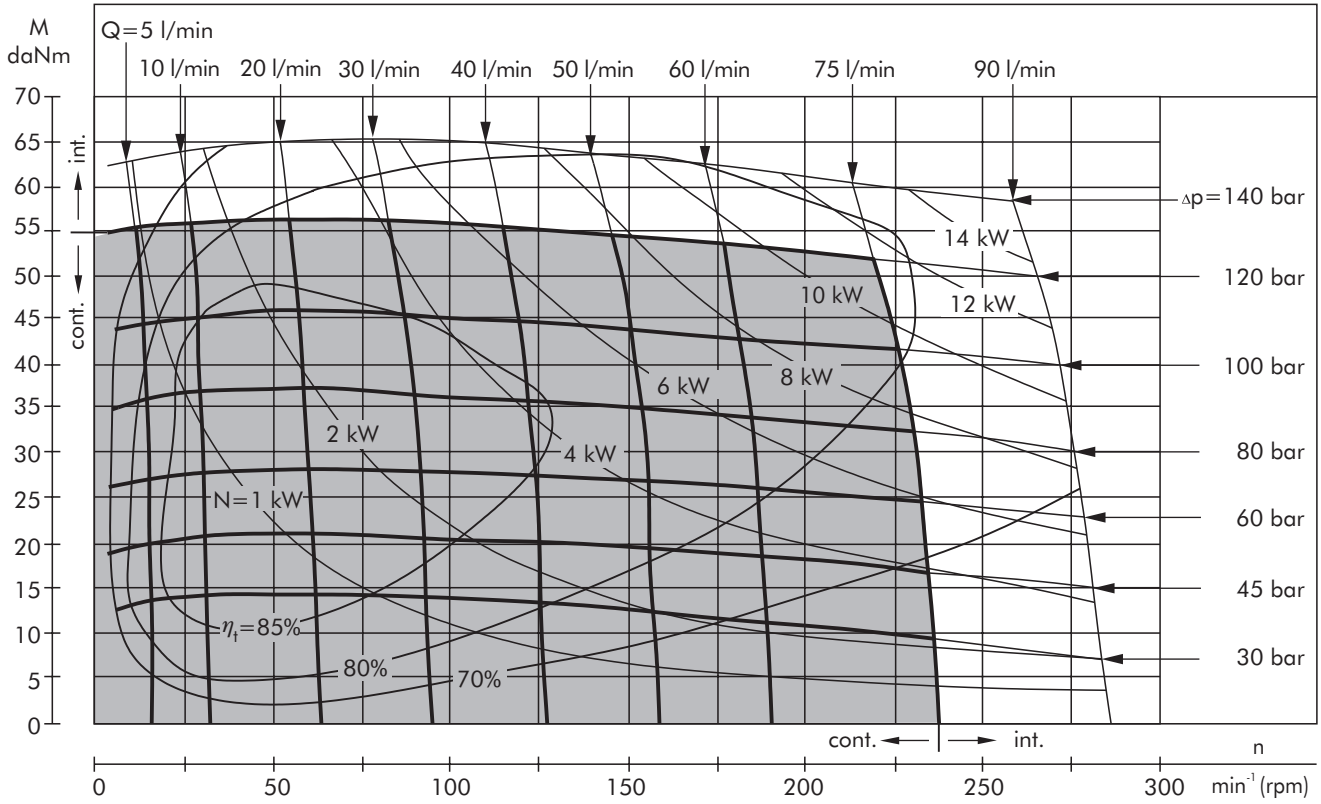
OS 200



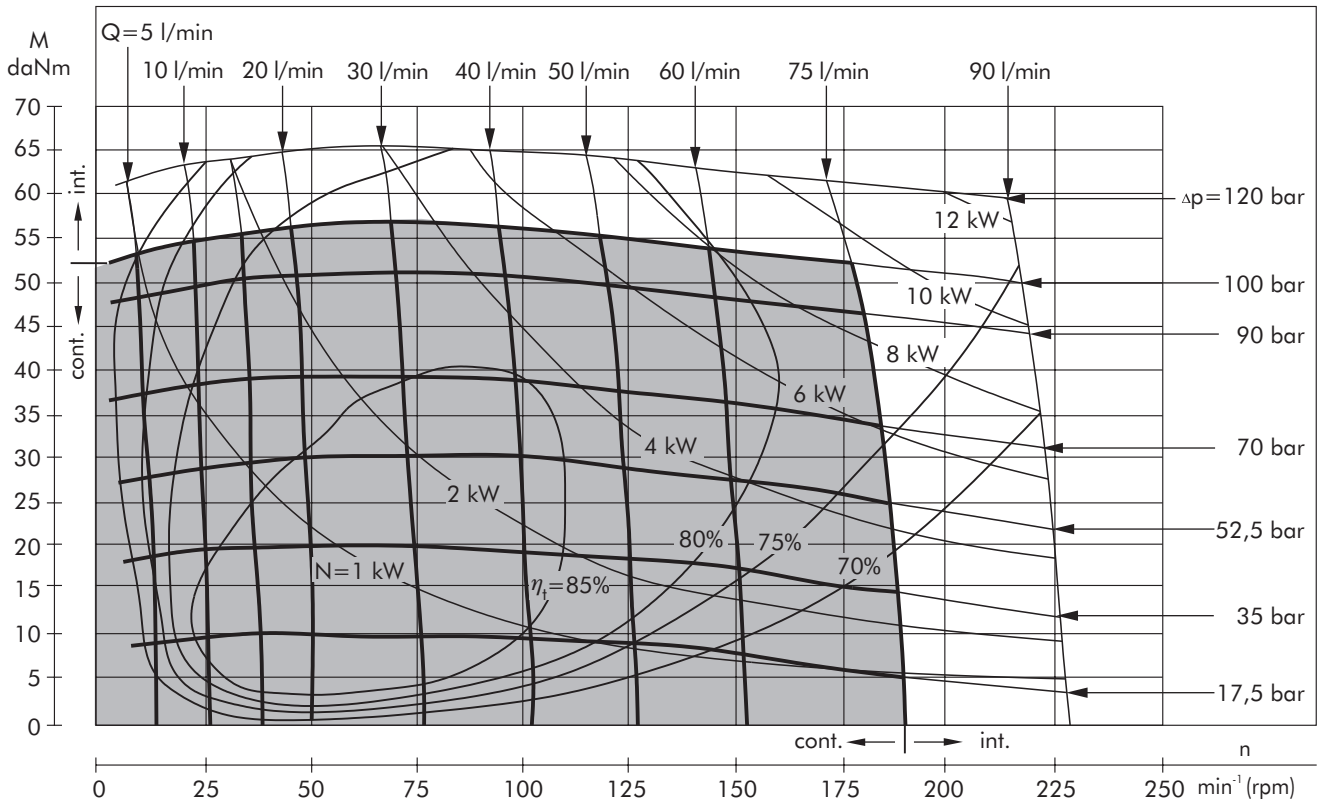
OS 250

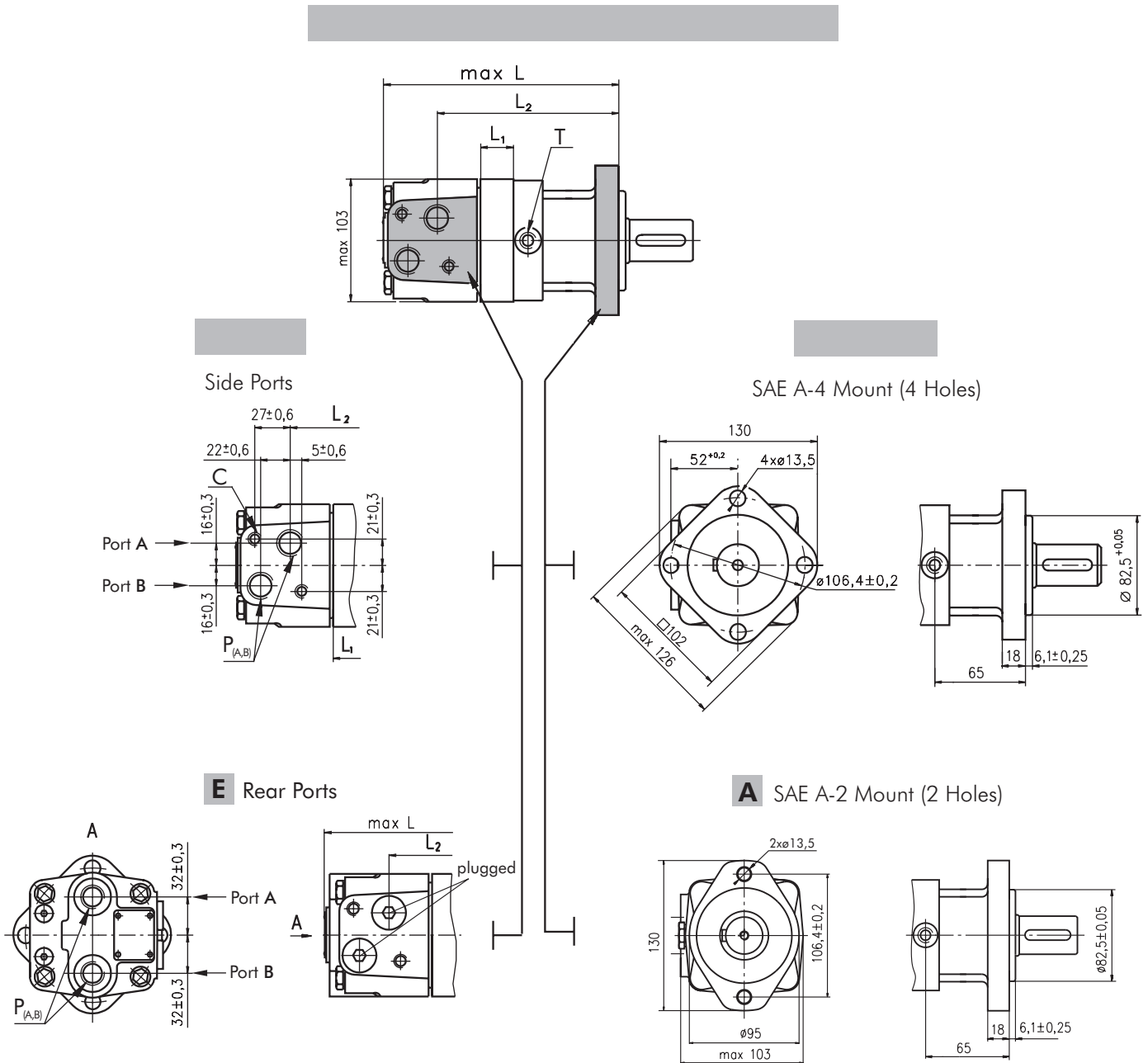


OS 315



OS 400





C: 2xM10-12 mm depth

P_(A,B): 2xG1/2 or 2xM22x1,5-15 mm depth

T: G ¼ or M14x1,5- 12 mm depth (plugged)

CW
CCW

CCW
CW

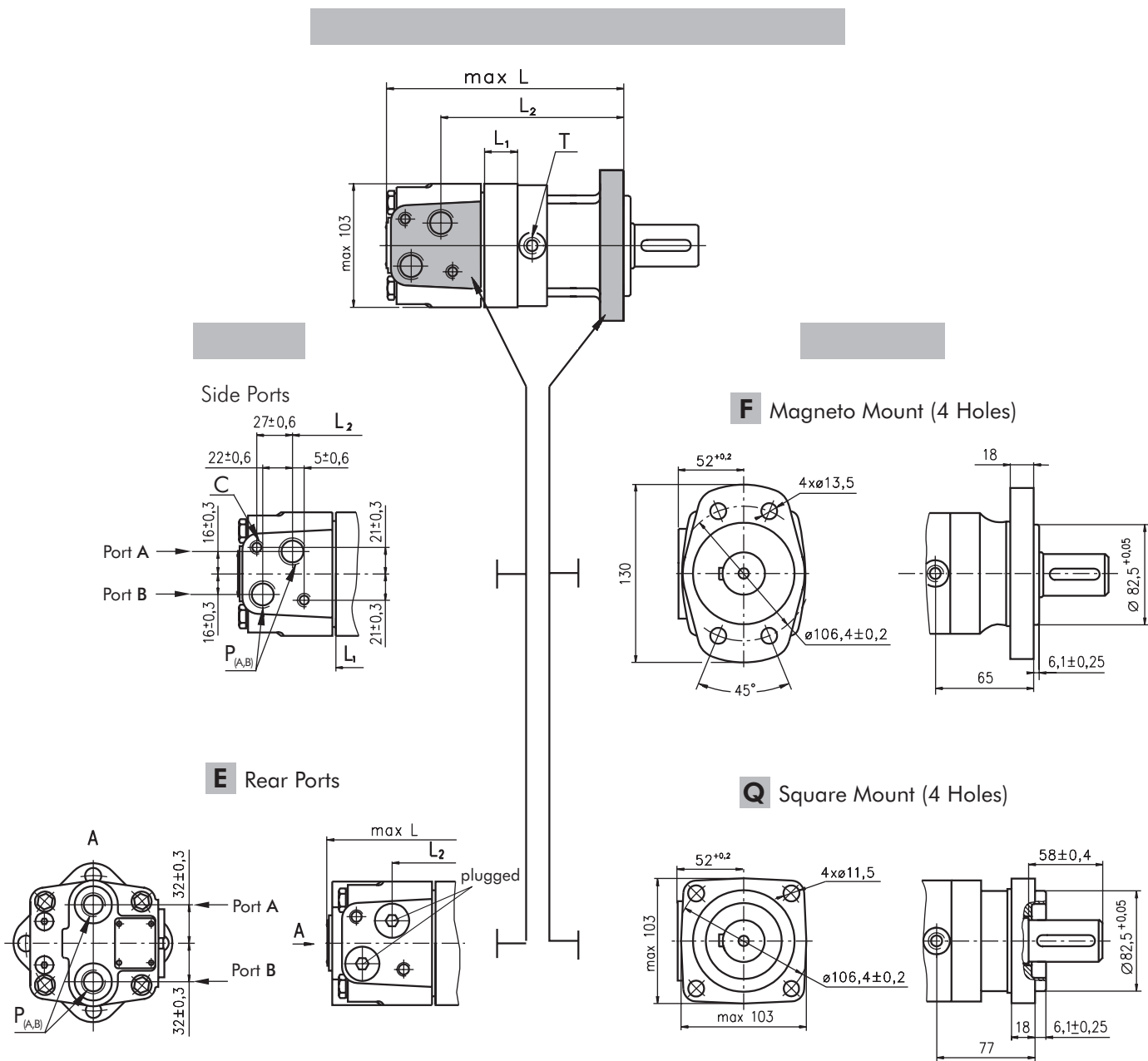
Type	L, mm	L ₂ , m m	Type	L, mm	* L ₁ , m m
OS(A) 80	166	121	OS(A)E 80	173	11
OS(A) 100	169	125	OS(A)E 100	177	14,4
OS(A) 125	174	129	OS(A)E 125	181	18,8
OS(A) 160	180	135	OS(A)E 160	187	24,8
OS(A) 200	187	142	OS(A)E 200	194	31,8
OS(A) 250	195	151	OS(A)E 250	203	40,5
OS(A) 315	207	162	OS(A)E 315	214	51,8
OS(A) 400	221	176	OS(A)E 400	228	66,4
OS(A) 475	235	190	OS(A)E 475	242	79,6
OS(A) 565	250	206	OS(A)E 565	257	95,3
OS(A) 715	276	231	OS(A)E 715	283	121,2

*

3

L.

1



C: 2xM10-12 mm depth

P_(A,B): 2xG1/2 or 2xM22x1,5-15 mm depth

T: G ¼ or M14x1,5- 12 mm depth (plugged)

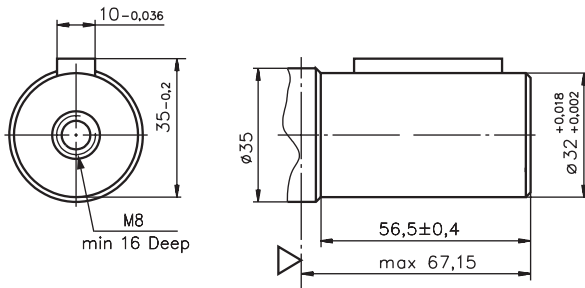
CW
CCW

CCW
CW

Type	L, mm	L ₂ , mm	Type	L, mm	L ₂ , mm	Type	L, mm	Type	L, mm	*L ₁ , mm
OSF 80	166	121	OSQ 80	177	133	OSFE 80	173	OSQE 80	185	11
OSF 100	169	125	OSQ 100	181	137	OSFE 100	177	OSQE 100	189	14,4
OSF 125	174	129	OSQ 125	185	141	OSFE 125	181	OSQE 125	193	18,8
OSF 160	180	135	OSQ 160	191	147	OSFE 160	187	OSQE 160	199	24,8
OSF 200	187	142	OSQ 200	198	154	OSFE 200	194	OSQE 200	206	31,8
OSF 250	195	151	OSQ 250	207	163	OSFE 250	203	OSQE 250	215	40,5
OSF 315	207	162	OSQ 315	218	174	OSFE 315	214	OSQE 315	226	51,8
OSF 400	221	176	OSQ 400	233	189	OSFE 400	228	OSQE 400	241	66,4
OSF 475	235	190	OSQ 475	245	202	OSFE 475	242	OSQE 475	254	79,6
OSF 565	250	206	OSQ 565	261	217	OSFE 565	257	OSQE 565	269	95,3
OSF 715	276	231	OSQ 715	287	243	OSFE 715	283	OSQE 715	295	121,2

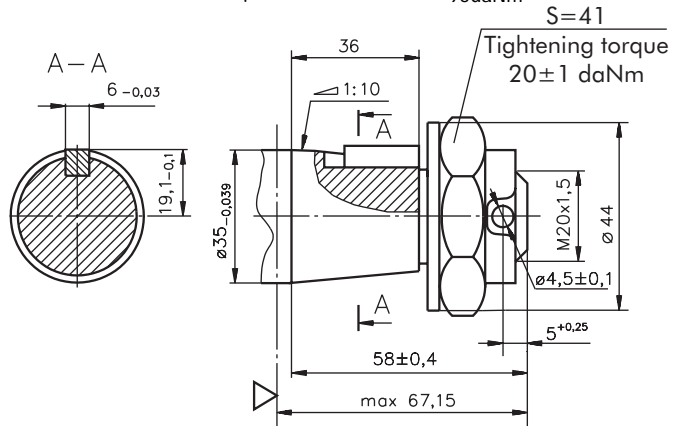
C - o32

A10x8x45 DIN6885
77daNm

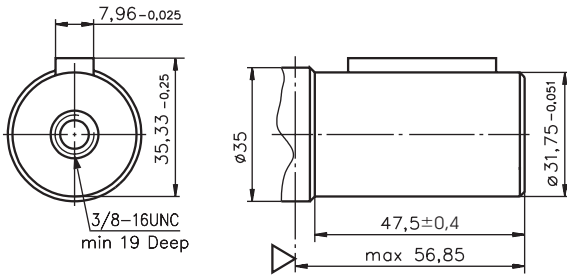


K -

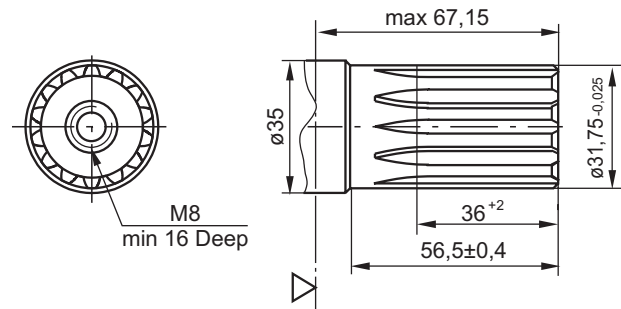
1:10, B6x6x20 DIN6885
95daNm



CO - $\varnothing 1\frac{1}{4}$ " straight, Parallel key $\frac{5}{16}$ "x $\frac{5}{16}$ "x $1\frac{1}{4}$ "BS46
77daNm

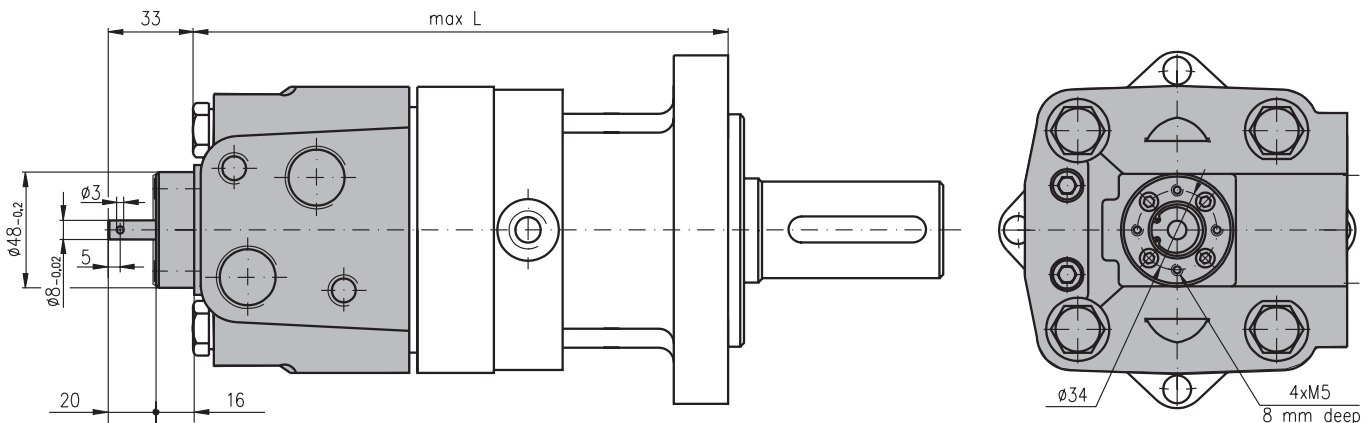
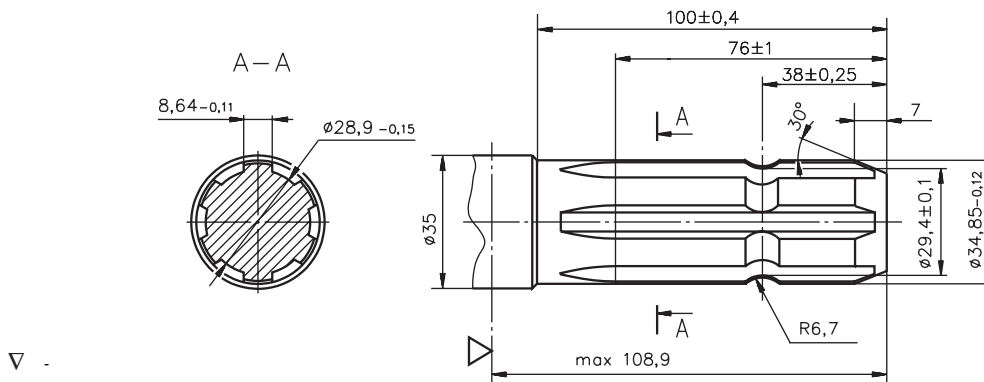


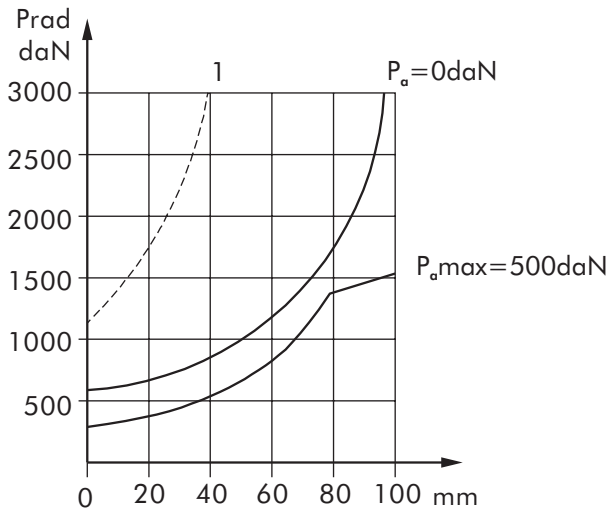
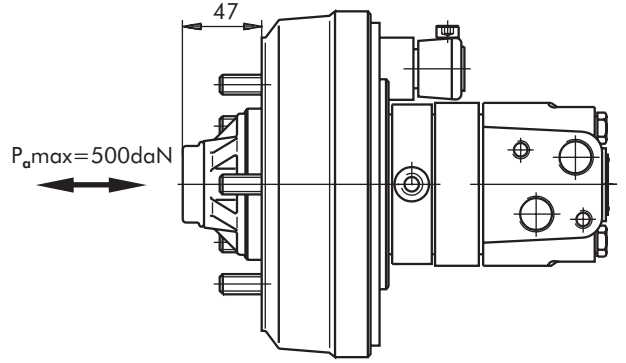
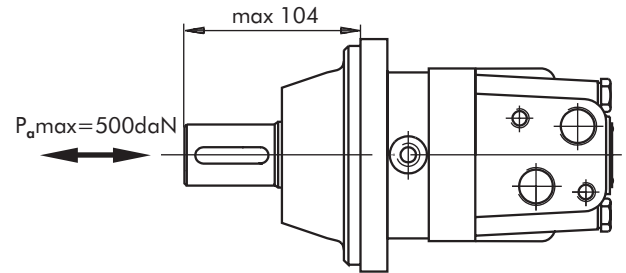
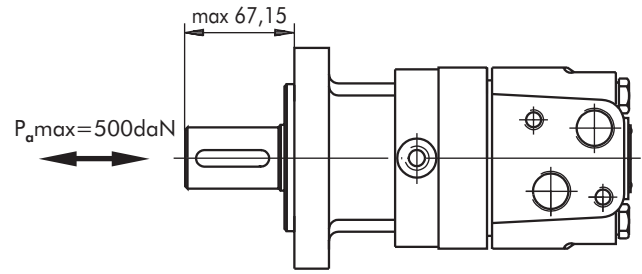
SH - $\varnothing 1\frac{1}{4}$ " splined 14T, DP12/24 ANSI B92.1-1976
95daNm



SL $\varnothing 34,85$ - DIN9611Form1

77daNm

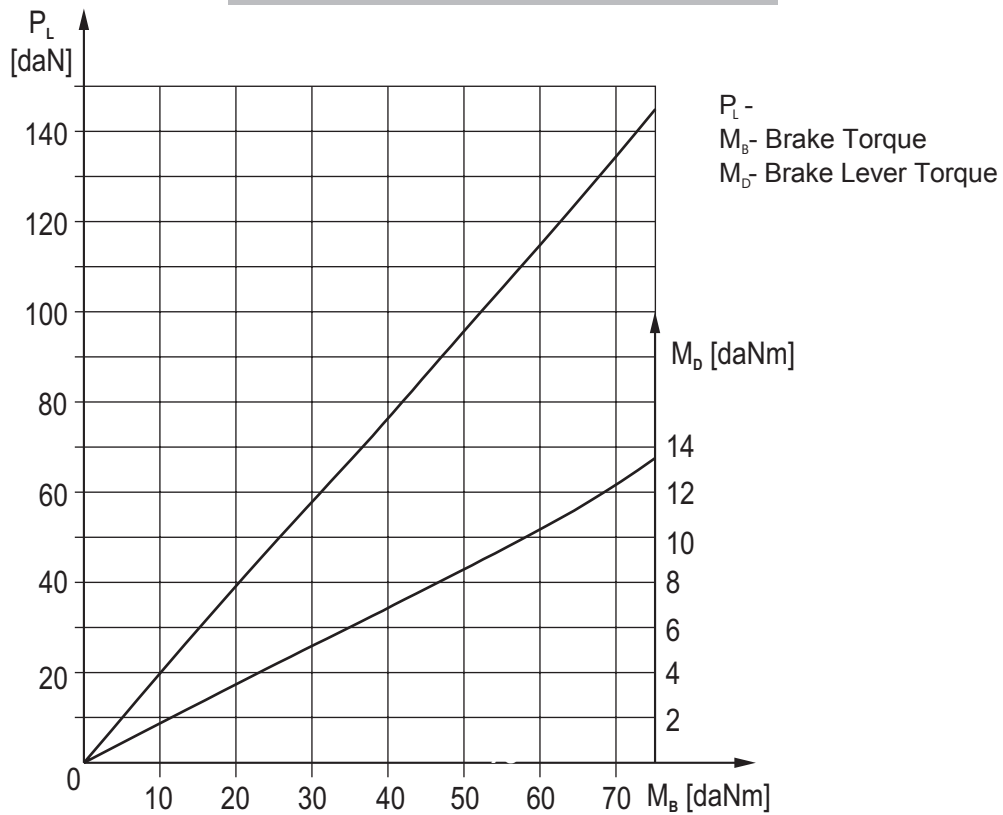




"1"

B10 3000 200 /

FUNCTION DIAGRAM OSB





	1	2	3	4	5	6	7	8	9	10	11
OS											

Pos.1 -

/ SAE A	4	
A	SAE A	2
F		4
Q		4
B		
S		
V		
W		
Z		

Pos.2 -

/	
E	

Pos.3 -

80	- 80,5 [cm ³ /rev]
100	- 100,0 [cm ³ /rev]
125	- 125,7 [cm ³ /rev]
160	- 159,7 [cm ³ /rev]
200	- 200,0 [cm ³ /rev]
250	- 250,0 [cm ³ /rev]
315	- 314,9 [cm ³ /rev]
400	- 397,0 [cm ³ /rev]
475	- 474,6 [cm ³ /rev] (w/o Function diagram)
525	- 522,7 [cm ³ /rev] (w/o Function diagram)
565	- 564,9 [cm ³ /rev] (w/o Function diagram)
715	- 715,0 [cm ³ /rev] (w/o Function diagram)

Pos. 4 - *

C	O 32	A10x8x45 DIN6885
CO	- ø1¼" straight, Parallel key $\frac{5}{16}$ " x $\frac{5}{16}$ " x 1¼" BS46	
K	- o 35	1:10, B6x6x20 DIN6885
SL	- o 34,85	DIN 9611 Form 1
SH	- ø1¼" splined 14T ANSI B92.1-1976	

Pos. 5 -

/	- BSPP (ISO 228)
M	- (ISO 262)

Pos. 6 - **

R	
L	

Pos. 7 -

/	
T	(
RS-P	(PNP)
RS-N	(NPN)

Pos. 8 -

/	
LL	
LSV	

Pos.9 -

/	
R	

Pos.10 - (***)

/	
P	
PC	

Pos.11 -

!

*
** OSB
