

APPLICATION

- Conveyors
- Metal working machines
- Machines for agriculture
- Road building machines
- Mining machinery
- Food industries

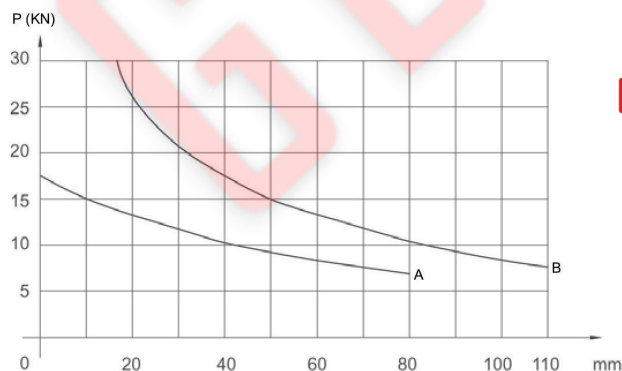
SPECIFICATION DATA

TYPE		GMS-80	GMS-100	GMS-125	GMS-160	GMS-200	GMS-250	GMS-315	GMS-400
Displacement (ml/r)		80.5	100.5	126.3	160.8	200.9	252.6	321.5	401.9
Max.Pressure.Drop (Mpa)	cont.	17.5	17.5	17.5	16	16	12.5	12.5	10
	int.	20	20	20	20	20	16	16	14
	peak.	22.5	22.5	22.5	22.5	22.5	20	20	17.5
Max torque (Nm)	cont.	194	242	303	358	438	440	551	560
	int.	218	283	345	429	540	580	625	687
	peak	271	318	373	459	576	700	831	865
Speed.Range(cont.)(r/min)		10-810	10-750	9-600	7-470	6-375	6-300	5-240	5-180
Max.Flow(cont.)(L/min)		65	75	75	75	75	75	75	75
Max.Output.Power(cont.)(Kw)		14	16	16	14	14	11	10	8
Weight (kg.)		9.8	10.0	10.3	10.7	11.1	11.6	12.3	13.1

Intermittent operation the permissible values may occur for max. 10% of every minute

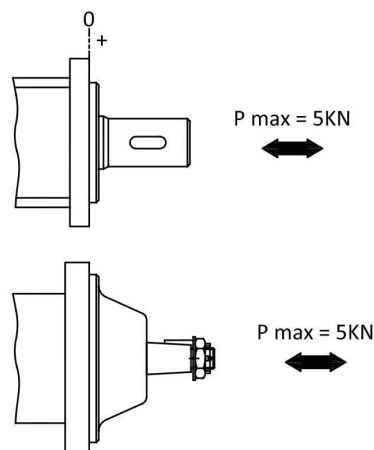
Peak, load: the permissible values may occur for max. 1% of every minute.

PERMISSIBLE SHAFT LOADS



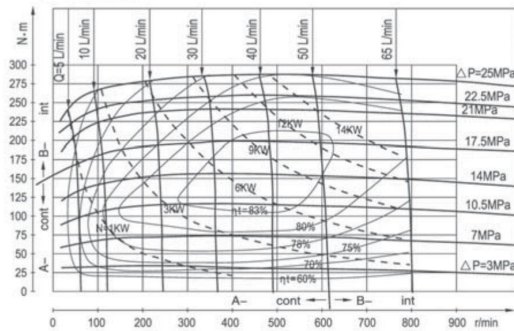
GEROTOR®

A-- GMS
B-- GMSW

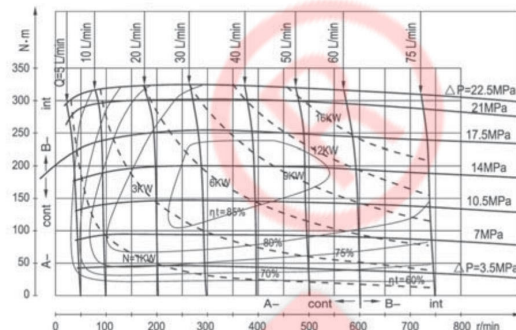


FUNCTION DIAGRAMS

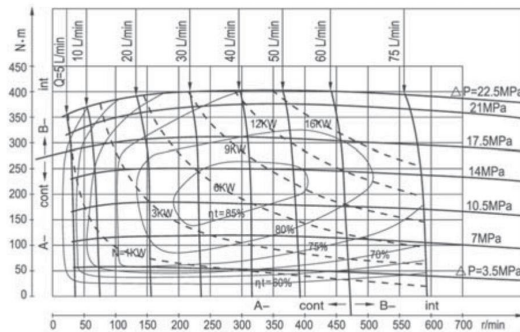
GMS - 80



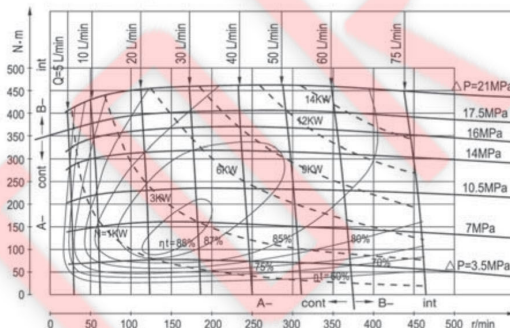
GMS - 100



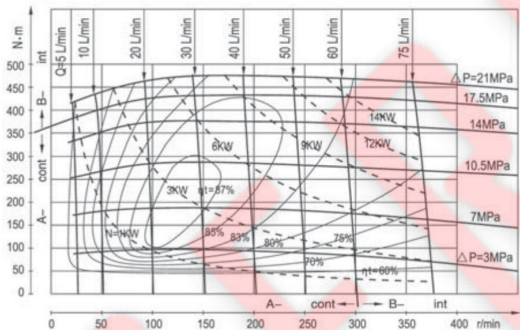
GMS - 125



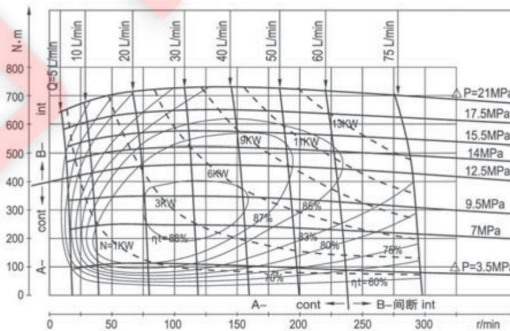
GMS - 160



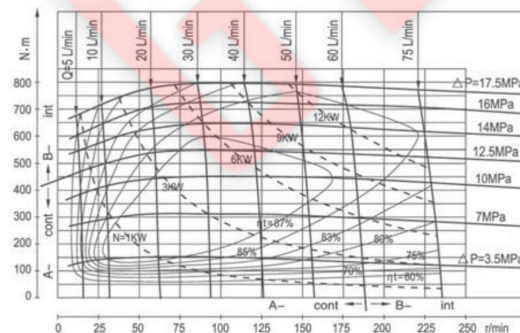
GMS - 200



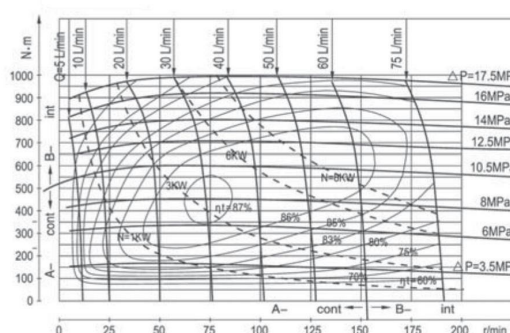
GMS - 250



GMS - 315

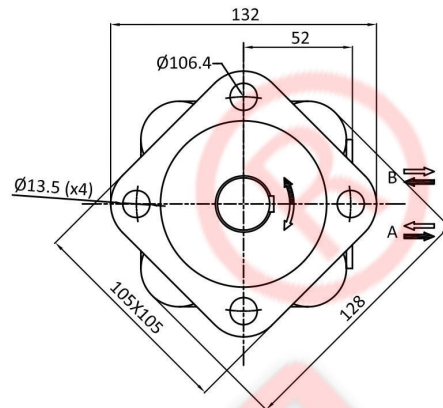
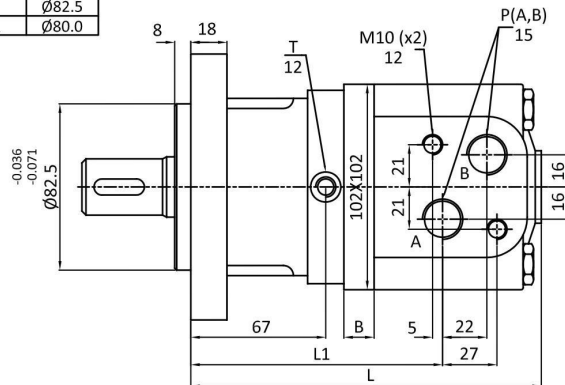


GMS - 400



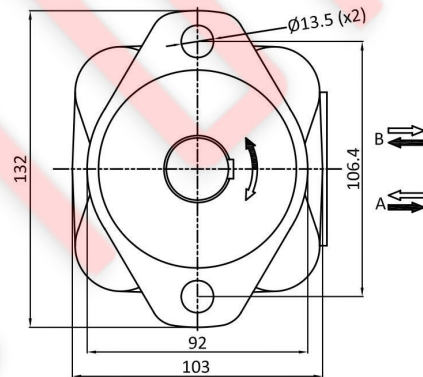
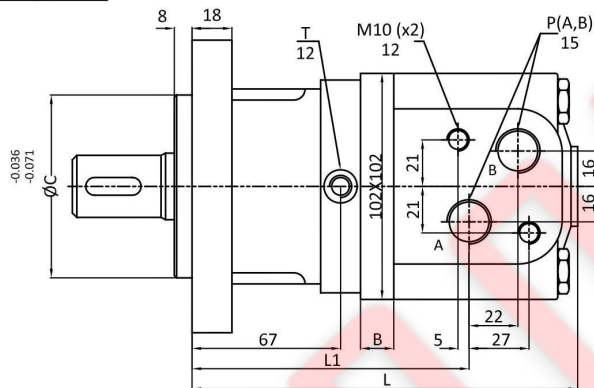
Version Square flange

Flange	Ø C
A	Ø82.5
A1	Ø80.0



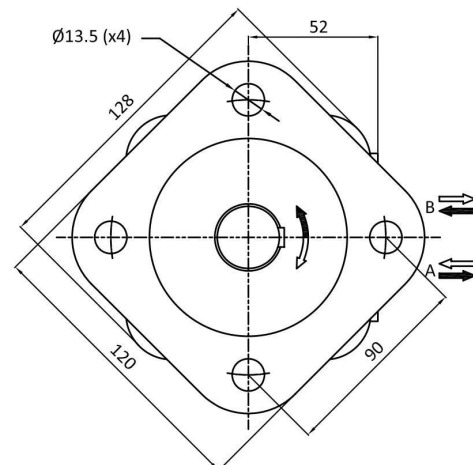
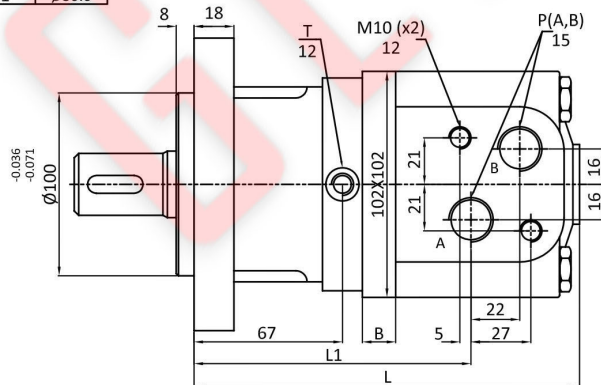
A II, A1 II Version 2-hole oval flange

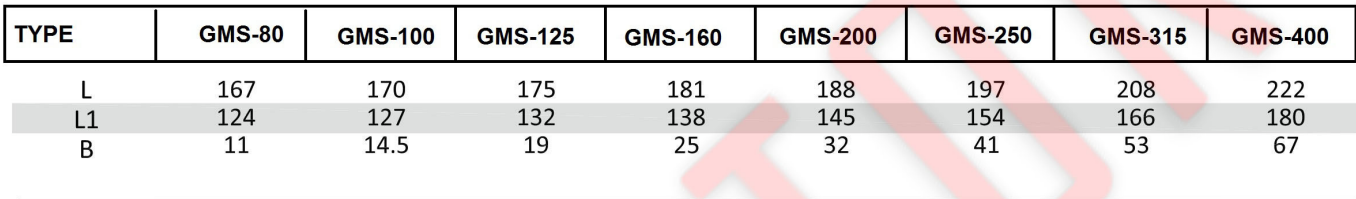
Flange	Ø C
A I	Ø82.5
A1 II	Ø80.0



A2 III Version Square flange

Flange	Ø C
A	Ø82.5
A1	Ø80.0

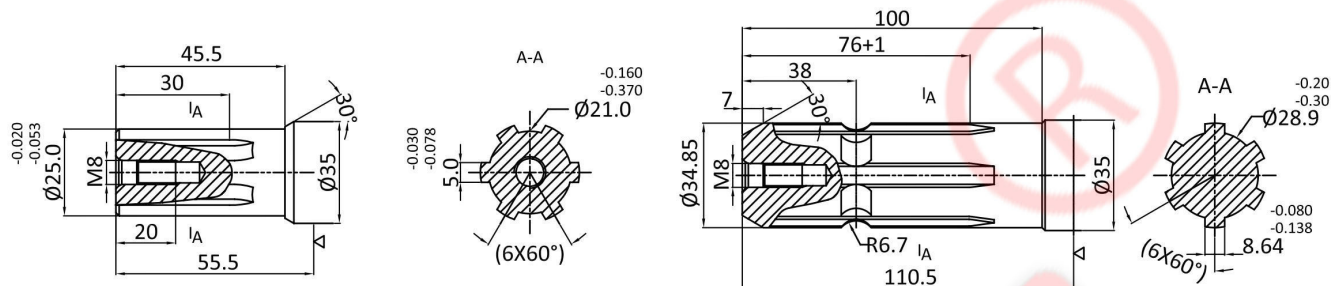




SHAFT VERSION

H2: Ø25, 6-25X21X5
Ø25 Splined shaft, 6-25X21X5

H3: Ø34.85, 6-34.85X28.9X8.64
Ø34.85 Splined shaft, 6-34.85X28.9X8.64



ORDERING CODE

GEROTOR®

	1	2	3	4
GMS	-			

1	Displacement
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80, 100, 125, 160, 200, 250, 315, 400

2	Shaft
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P	Ø32, 10X8X45
P3	Ø25.4, 6.35X6.35X32
P5	Ø31.75, 7.96X7.96X32
H1	Ø30, 6-30X25X6
H2	Ø25, 6-25X21X5
H3	Ø34.85, 6-34.85X28.9X8.64

3	Mounting Flange
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A	4-Ø13.5, Ø82.5
A1	4-Ø13.5, Ø80
AII	2-Ø13.5, Ø82.5
A1II	2-Ø13.5, Ø80
A2III	4-Ø13.5, Ø100
A IV	4-Ø13.5, Ø82.5

4	Ports
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	P (A,B)	T
Y	G1/2	G1/4
Y1	M18X1.5	M14X1.5
Y2	M22X1.5	M14X1.5
Y5	7/8-14 UNF	7/16-20 UNF
Y8	NPT 1/2	G1/4