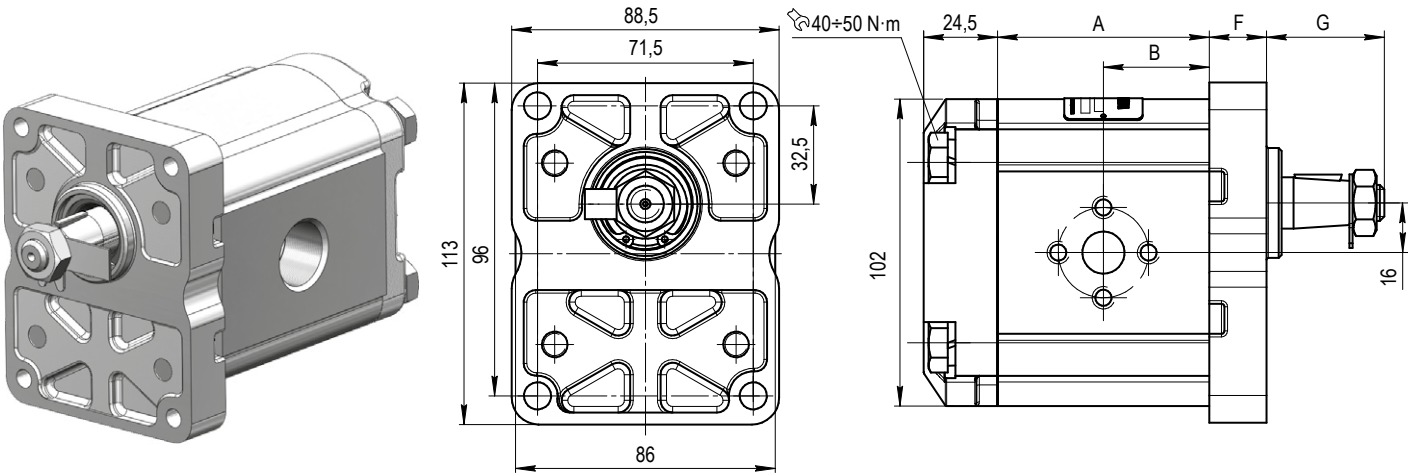


TECHNICAL DATA AND ASSEMBLING DIMENSIONS

Type		GM2K6	GM2K8	GM2K10	GM2K11	GM2K12	GM2K14	GM2K15	GM2K16	GM2K17	GM2K19	GM2K20	GM2K23	GM2K25
Displacement	cm ³ /rev	6,3	8,2	10,0	11,3	12,5	14,0	15,0	16,0	17,0	19,0	20,0	22,5	24,8
Dimension A	mm	50,2	53,2	56,0	58,0	59,8	62,1	63,7	65,2	66,9	69,9	71,4	75,3	78,8
Dimension B	mm	25,1	26,6	28,0	29,0	29,9	31,05	31,85	32,6	33,45	34,95	35,7	37,65	39,4
Max. continuous pressure, P ₁	bar	250									220	210	190	170
Starting pressure, P ₂	bar	280									250	230	210	190
Min. speed at P ₁ ≤100 bar, n _{min}	min ⁻¹	700					600				500			
Max. speed, n _{max}	min ⁻¹	4000	3600	3500		3400		3200			3000		2800	
Output torque at P ₁	N·m	20,8	27,1	33,5	37,8	41,8	46,9	50,8	54,1	57,5	56,6	57,5	58,6	57,7
*Weight	kg	2,4	2,5	2,6	2,7	2,7	2,9	2,9	3,0	3,0	3,1	3,1	3,4	3,6

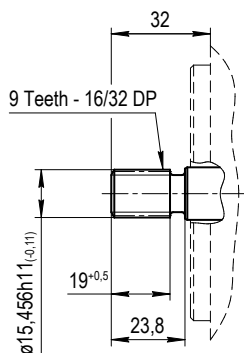


Ordering example
GM2K10R-G262B

Dimension G = see section "Drive shafts"
Dimension F = see section "Mounting flanges"

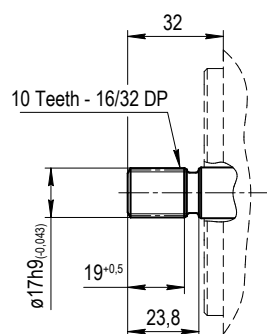
*Weight shown are for motors with aluminum covers. Weight for motors with cast iron covers should be refined

Max. torque 100 N·m



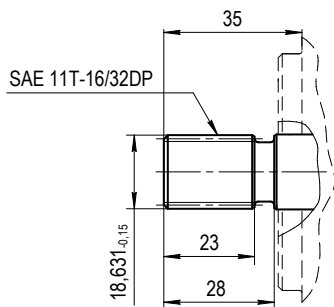
B2 SAE A SPLINED (9 TEETH)

Max. torque 130 N·m



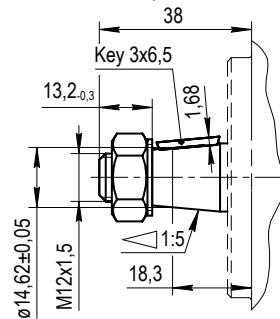
B3 SAE A SPLINED (10 TEETH)

Max. torque 170 N·m



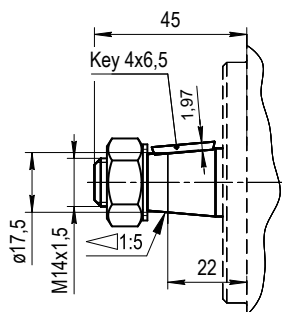
B4 SAE A SPLINED (11 TEETH)

Max. torque 140 N·m



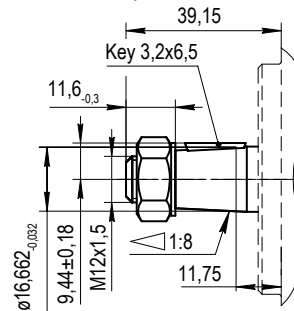
F2 GERMAN TAPERED 1:5

Max. torque 140 N·m



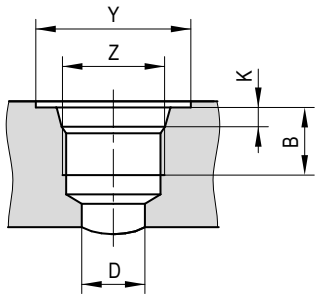
F6 GERMAN TAPERED 1:5

Max. torque 140 N·m

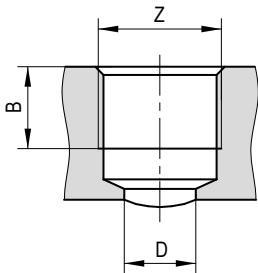


G2 EUROPEAN TAPERED 1:8

PORTS



F SAE THREADED (ODT)



G GAS THREADED (BSPP)

	Type	Inlet					Outlet				
		Z	B	K	D	Y	Z	B	K	D	Y
	GM2K6÷8	7/8-14 UNF (SAE #10)	14	2,5	13	34	7/8-14 UNF (SAE #10)	14	2,5	13	34
	GM2K10÷25						1-1/16-12 UN (SAE #12)				

For reversible motors

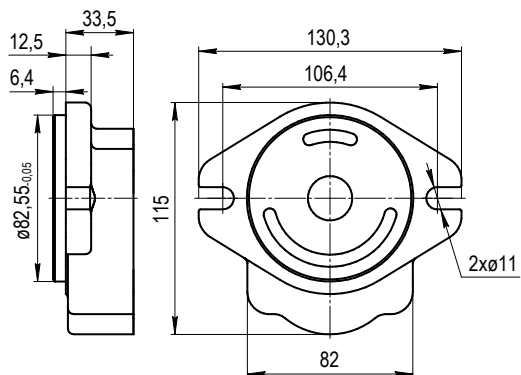
	Type	Inlet					Outlet				
		Z	B	K	D	Y	Z	B	K	D	Y
	GM2K6÷12	7/8-14 UNF (SAE #10)	14	2,5	13	34	7/8-14 UNF (SAE #10)	14	2,5	13	34
	GM2K14÷25	1-1/16-12 UN (SAE #12)	16	3,3	20	41	1-1/16-12 UN (SAE #12)	16	3,3	20	41

	Type	Inlet			Outlet		
		Z	B	D	Z	B	D
	GM2K6÷8	1/2" GAS	16	13	1/2" GAS	16	13
	GM2K10÷25				3/4" GAS	19	20

For reversible motors

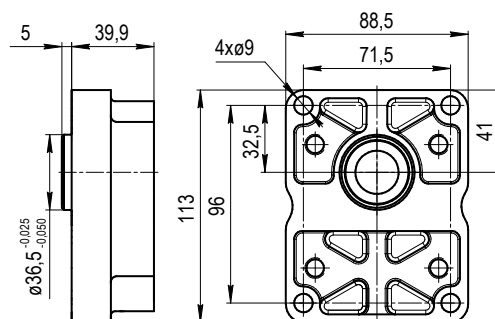
	Type	Inlet			Outlet		
		Z	B	D	Z	B	D
	GM2K6÷12	1/2" GAS	16	13	1/2" GAS	16	13
	GM2K14÷25	3/4" GAS	19	20	3/4" GAS	19	20

MOUNTING FLANGES WITH BEARING SUPPORT



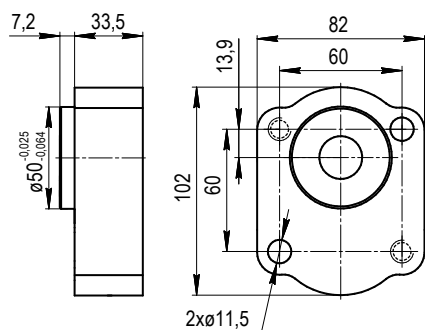
C3

SAE A



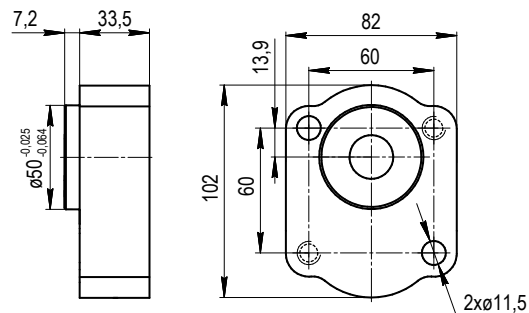
C6

EUROPEAN



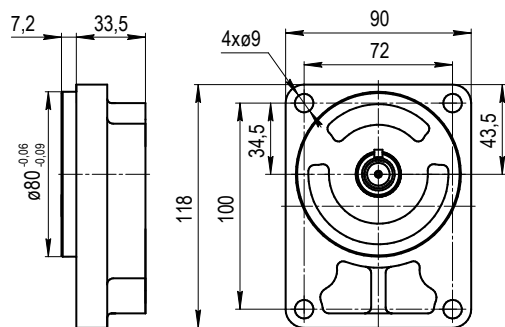
C7

GERMAN Ø50



C8

GERMAN Ø50



C9

GERMAN Ø80

ORDERING INFORMATION

GEAR MOTOR	GM	2	K	16	R	B2	31	F				VE	12	AA	
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GEAR MOTOR	GM
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GROUP	2
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SERIES	K
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DISPLACEMENT	CODE
6,3 cm³/rev	6
8,2 cm³/rev	8
10 cm³/rev	10
11,3 cm³/rev	11
12,5 cm³/rev	12
14 cm³/rev	14
15 cm³/rev	15
16 cm³/rev	16
17 cm³/rev	17
19 cm³/rev	19
20 cm³/rev	20
22,5 cm³/rev	23
24,8 cm³/rev	25

ROTATION	CODE
Clockwise	R
Counterclockwise	L
Reversible	B

DRIVE SHAFTS	CODE
SAE A SPLINED (9 TEETH)	B2
SAE A SPLINED (10 TEETH)	B3
SAE A SPLINED (11 TEETH)	B4
GERMAN TAPERED 1:5	F2
EUROPEAN TAPERED 1:8	G2
SAE A STRAIGHT Ø15,87	H2
SAE A STRAIGHT Ø19,05	H8
TANG DRIVE FOR ELECTRIC MOTORS	K3
TANG DRIVE	K4
DIN 5482 SPLINED (9 TEETH)	I2

MOUNTING FLANGES	CODE
SAE A 2 BOLTS	31
SAE A 2 BOLTS (WITH O-RING)	32
EUROPEAN (Ø7,1)	61
EUROPEAN (Ø9)	62
GERMAN Ø80	81
GERMAN 2 BOLTS Ø50	91-92
GERMAN 2 BOLTS Ø52	93-94

*SPECIAL FEATURES	
CONNECTOR ELECTRICAL	CODE
DIN 43650	AA
Deutsch	DE
Lead wires	FL
AMP Jr	AJ
ELECTRICAL SUPPLY	CODE
1.4 A (12 VDC)	12
0.7 A (24 VDC)	24
TYPE OF VALVE	CODE
Valve of proportional pressure relieving	VE
Return-to-suction relief valve	VR
Return-to-tank relief valve	VR1
MATERIAL OF COVERS	CODE
Aluminium	
Cast iron	F
SEAL MATERIAL	CODE
NBR	
FPM (Viton)	V
PORTS POSITION	CODE
Side Inlet - side Outlet	
Back Inlet - back Outlet	1
PORTS	CODE
EUROPEAN FLANGE	B
GERMAN FLANGE	C
METRIC THREADED	E
SAE THREADED (ODT)	F
GAS THREADED (BSPP)	G
MOUNTING FLANGES WITH BEARING SUPPORT	CODE
SAE A	C3
EUROPEAN	C6
GERMAN Ø50	C7
GERMAN Ø50	C8
GERMAN Ø80	C9

*Special features assigned if necessary