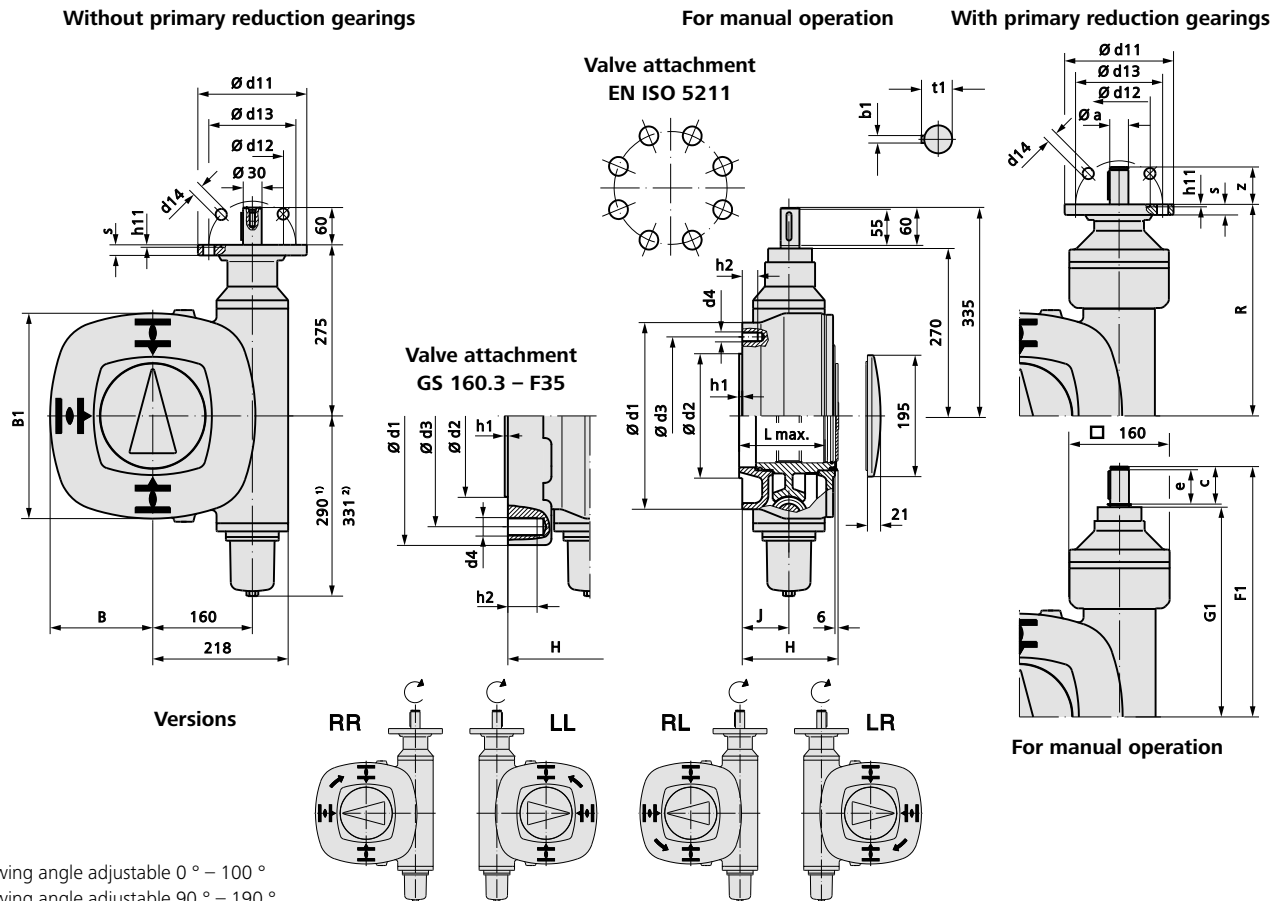


Dimensions Part-turn gearboxes



- 1) Swing angle adjustable 0° – 100°
 2) Swing angle adjustable 90° – 190°
 3) Equipped with primary reduction gearing or planetary gearing to reduce input torques

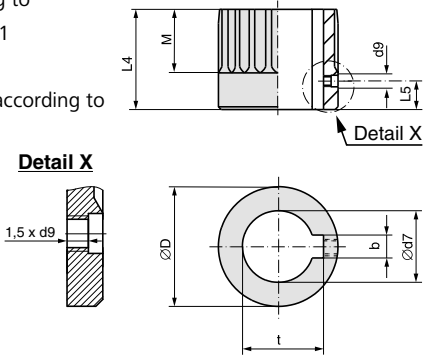
Dimensions	GS 160.3 54:1			GS 160.3 218:1 ³⁾			GS 160.3 442:1 ³⁾			GS 160.3 880:1 ³⁾		
EN ISO 5211	F25	F30	F35	F25	F30	F35	F25	F30	F35	F25	F30	F35
B	165	175	165	165	175	165	165	175	165	165	175	165
B1	330	350	330	330	350	330	330	350	330	330	350	330
F1		–			380/400			380			450	
G1		–			335			335			405	
H	155	170	212	155	170	212	155	170	212	155	170	212
J	75	90	132	75	90	132	75	90	132	75	90	132
R		–			340			340			410	
Ø a		–			20/30			20			20	
b1		8			6/8			6			6	
c		60			43/60			43			43	
Ø d1	300	350	415	300	350	415	300	350	415	300	350	415
Ø d2 f8	200	230	260	200	230	260	200	230	260	200	230	260
Ø d3	254	298	356	254	298	356	254	298	356	254	298	356
d4	M16	M20	M30	M16	M20	M30	M16	M20	M30	M16	M20	M30
e		55			38/55			38			38	
h1		5			5			5			5	
h2	25	32	47	25	32	47	25	32	47	25	32	47
L max.	133	148	190	133	148	190	133	148	190	133	148	190
t1		33			22.5/33			22.5			22.5	
z		60			40/60			40			40	
EN ISO 5210 ⁴⁾		F14 (F16)			F10 (F14)			F10			F10	
DIN 3210 ⁴⁾		G1/2 (G3)			G0 (G1/2)			G0			G0	
⁴⁾ Flange for mounting multi-turn actuator												
EN ISO 5210	F10			F14			F16					
DIN 3210				G0			G1/2			G3		
Ø d11	125			125			175			210		
Ø d12	70			60			100			130		
Ø d13	102			102			140			165		
Ø d14	4x11			4x11			4x18			4x22		
h11	5			5			5			6		
s	12			12			17			25		

We reserve the right to alter data according to improvements made. Previous documents become invalid with the issue of this document.

Dimensions Couplings according to EN ISO 5211, DIN 6885

Bore according to
to EN ISO 5211

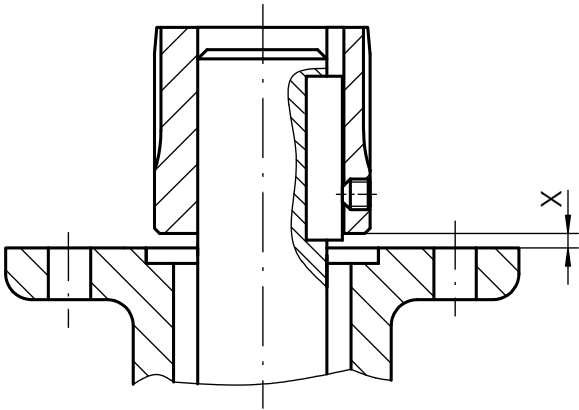
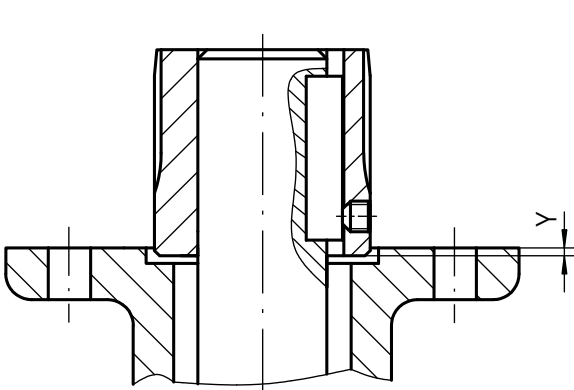
With keyway according to
DIN 6885-1



Dimensions	GS 160.3		
EN ISO 5211	F25	F30	F35
Ø D	149.4		
b JS9 ¹⁾	According to DIN 6885-1		
Ø d7 H8 max.	110		
d9 ²⁾	M10		
L4	110		150
L5		20	
M		70	
t ¹⁾	According to DIN 6885-1		

Mounting position of coupling

X max.	15	30	30
Y max.	11	0	0



1) Dimensions depend on Ø d7, refer to DIN 6885-1
2) Thread with grub screw