

All dimensions in mm
 Alterations reserved without notice

Type SF	10	15	24	30	40
b ₂	165	165	195	280	300
b ₃	410	410	480	640	720
b ₄	110	110	130	155	175
b ₅	115	115	130	200	220
b ₆	85	85	100	110	125
b ₇	60	60	70	110	125
b ₈	85	85	100	140	160
b ₉	5	5	5	5	10
b ₁₀	90	90	105	150	170
d ₅	175	175	225	280	310
d ₇	25	25	31	38	50
h ₁	270	270	300	400	480
h ₂	220	220	230	300	375
h ₃	90	90	70	100	125
l ₁	657	687	821	955	997
l ₂	300	300	350	402	506
l ₃	100	100	110	130	110
l _{4min}	110	110	130	180	200
Bolts (10.9)	M24	M24	M30	M36	M48
Tighten. torque (μ=0,12) Nm	1017	1017	2033	3535	8550
Contact force F _A kN	100	150	240	300	400
Operating pressure bar	140	180	180	210	210
Max. pressure bar	200	200	200	240	240
Release stroke mm	2	2	2	2	2
Oil volume l	0,023	0,023	0,035	0,050	0,052
Pad surface cm ²	398	398	533	1050	1360
Theor. friction factor μ*	0,40	0,40	0,40	0,40	0,40
Weight kg	200	210	368	750	1180

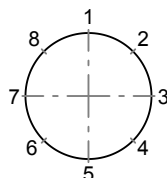
Data per caliper half

*) Average static friction factor of standard material combination

The friction coefficient is subject to fluctuations depending on operational-, material- and ambient-conditions! This must be considered during the selection!

brake torque M_{br} in Nm = F_A (kN) x μ x d₁ (mm)

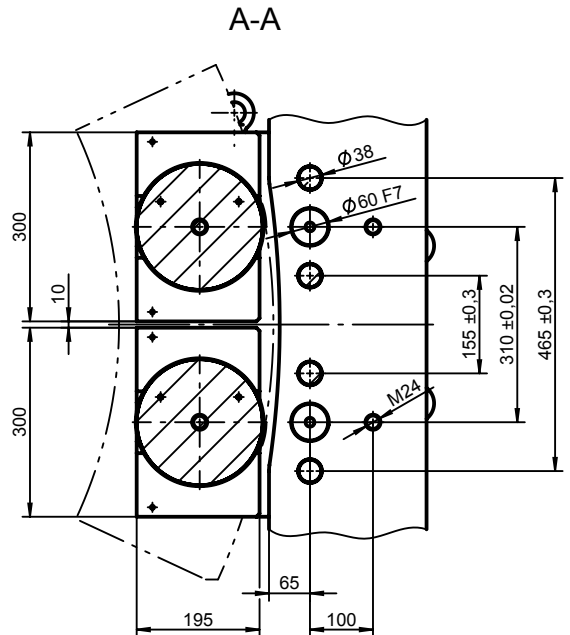
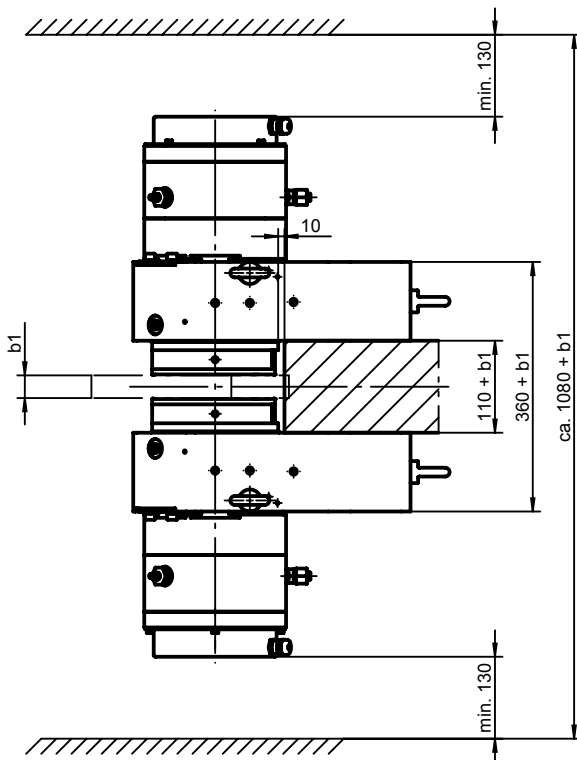
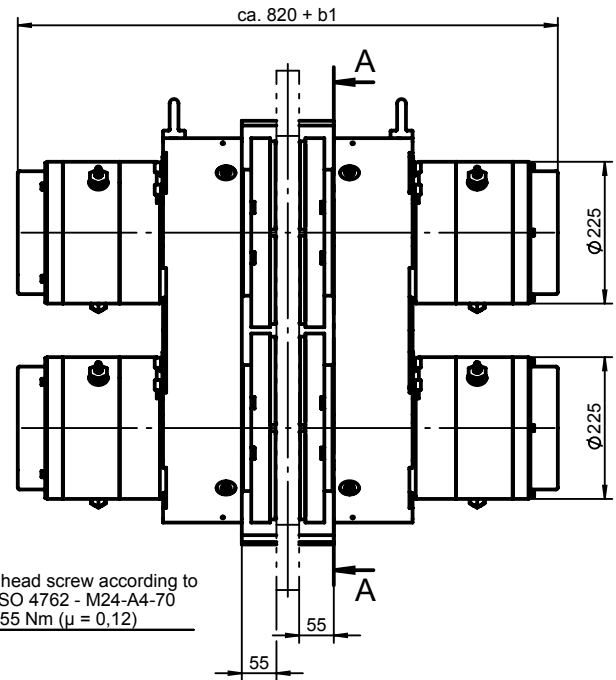
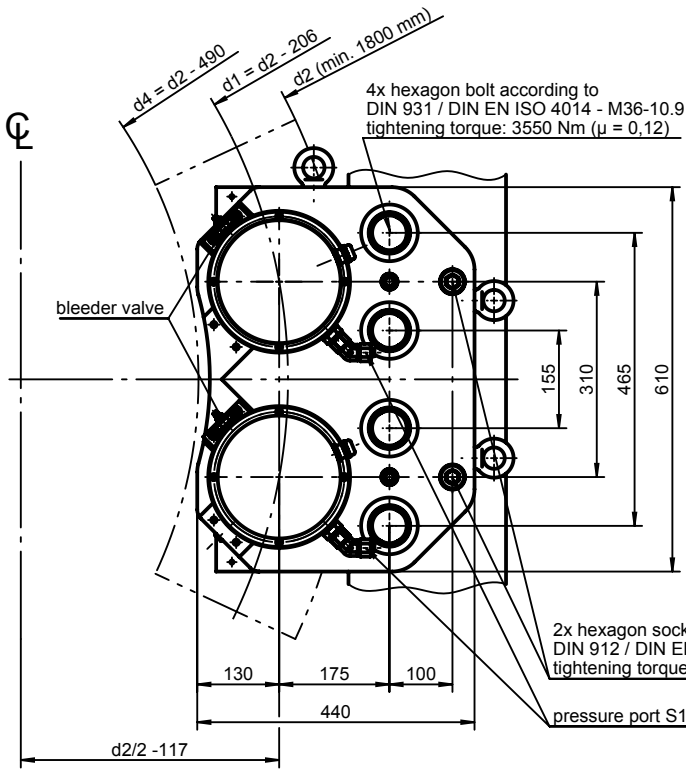
Please indicate required mounting position.



Brake disc data

	SF 10	SF 15	SF 24	SF 30	SF 40
d ₁ =	d ₂ - 170	d ₂ - 170	d ₂ - 200	d ₂ - 290	d ₂ - 320
d ₄ =	d ₂ - 420	d ₂ - 420	d ₂ - 490	d ₂ - 620	d ₂ - 700

d₂ = Brake disc diameter in mm
 d₁ = Friction diameter in mm
 d₄ = Max. permissible drum or hub diameter in mm
 b₁ = Disc thickness in mm (min. 30)



Brake torque M_{Br} in Nm = F_A (kN) x μ x d_1 (mm)

*) Theor. friction factor of standard material combination

All dimensions in mm
Alterations reserved without notice

Type SF 50		
Contact force F_A	kN	510
Operating pressure p	bar	200
Max. pressure p_{max}	bar	220
Release stroke	mm	2
Oil volume	l	0,07
Pad surface	cm ²	1040
Theor. friction factor	μ^*	0,40
Weight (without bracket)	kg	ca. 730

d_2 = Brake disc diameter in mm
 d_1 = Friction diameter in mm
 d_4 = Max. permissible drum or hub diameter in mm
 b_1 = Brake disc thickness in mm (min. 30)