

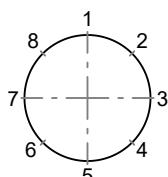
All dimensions in mm  
 Alterations reserved without notice

\*) 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!

$$\text{brake torque } M_{Br} \text{ in Nm} = f_1 (\text{kN/bar}) \times p (\text{bar}) \times \mu \times d_1 (\text{mm})$$

Please indicate required mounting position.



Type BAC	3.2	5.2	6.2	8.2	
$b_2$	51	63	82	95	
$b_3$	99	120	141	182	
$b_4$	29	40	46	60	
$b_5$	46	54	65	77	
$b_8$	28	33	45	50	
$b_9$	5	5	6	10	
$b_{10}$	35	40	51	60	
$d_7$	10,5	14	18	18	
$h_1$	102	130	163	204	
$h_2$	50	70	90	135	
$h_3$	-	-	-	45	
$l_1$	140	180	196	244	
$l_2$	103	137	156	178	
$l_3$	33	37	48	48	
Bolts	M10	M12	M16	M16	
Bolt material	10,9	10,9	10,9	10,9	
Tighten. torque ( $\mu=0,12$ )	Nm	69	120	295	295
Max. Contact force $F_{Amax}$	kN	8,2	22,4	37,8	57,3
Max. pressure $p_{max}$	bar	90	120	120	120
Release stroke	mm	1,6	2	2	2
Oil volume	l	0,003	0,008	0,013	0,020
Pad surface	$\text{cm}^2$	46,5	70	113	168
Piston surface	$\text{cm}^2$	9,5	19,5	33	50
Theor. friction factor	$\mu^*$	0,40	0,40	0,40	0,40
Weight	kg	8	12,5	20	38
$f_1$	$\text{kN/bar}$	0,091	0,187	0,315	0,478

#### Brake discs

	3.2	5.2	6.2	8.2
$d_1 =$	$d_2 - 60$	$d_2 - 70$	$d_2 - 90$	$d_2 - 100$
$d_4 =$	$d_2 - 170$	$d_2 - 160$	$d_2 - 230$	$d_2 - 230$

$d_2$  = 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

$f_1$  = Pressure-dependent contact force in kN / bar