



Type BAC	3.2	5.2	6.2	8.2
b <sub>2</sub>	51	63	82	95
b <sub>3</sub>	99	120	141	182
b <sub>4</sub>	29	40	46	60
b <sub>5</sub>	46	54	65	77
b <sub>8</sub>	28	33	45	50
b <sub>9</sub>	5	5	6	10
b <sub>10</sub>	35	40	51	60
d <sub>7</sub>	10,5	14	18	18
h <sub>1</sub>	102	130	163	204
h <sub>2</sub>	50	70	90	135
h <sub>3</sub>	-	-	-	45
l <sub>1</sub>	140	180	196	244
l <sub>2</sub>	103	137	156	178
l <sub>3</sub>	33	37	48	48
Bolts	M10	M12	M16	M16
Bolt material	10.9	10.9	10.9	10.9
Tighten. torque (μ=0,12) Nm	69	120	295	295

Data per caliper half		3.2	5.2	6.2	8.2
Max. Contact force <b>F<sub>Amax</sub></b>	kN	8,2	22,4	37,8	57,3
Max. pressure <b>p<sub>max</sub></b>	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	cm <sup>2</sup>	46,5	70	113	168
Piston surface	cm <sup>2</sup>	9,5	19,5	33	50
Theor. friction factor	μ*	0,40	0,40	0,40	0,40
Weight	kg	8	12,5	20	38
<b>f<sub>1</sub></b>	<b>kN/bar</b>	0,091	0,187	0,315	0,478

Brake discs	3.2	5.2	6.2	8.2
d <sub>1</sub> =	d <sub>2</sub> - 60	d <sub>2</sub> - 70	d <sub>2</sub> - 90	d <sub>2</sub> - 100
d <sub>4</sub> =	d <sub>2</sub> - 170	d <sub>2</sub> - 160	d <sub>2</sub> - 230	d <sub>2</sub> - 230

d<sub>2</sub> = Brake disc diameter in mm  
 d<sub>1</sub> = Friction diameter in mm  
 d<sub>4</sub> = Max. permissible drum or hub diameter in mm  
 b<sub>1</sub> = Brake disc thickness in mm  
 f<sub>1</sub> = Pressure-dependent contact force in kN / bar

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!

**brake torque M<sub>Br</sub> in Nm =**  
**f<sub>1</sub> (kN/bar) x p (bar) x μ x d<sub>1</sub> (mm)**

Please indicate required mounting position.

