

A line graph showing Braking Torque (x10⁴ kgf-m) on the y-axis versus Used Pressure (x10⁴ kPa/cm²) on the x-axis. The y-axis ranges from 0 to 8 with increments of 2. The x-axis ranges from 0 to 7 with increments of 1. Two linear data series are plotted, both starting at (0,0). The upper line is labeled '2 1/8' and passes through approximately (5, 7). The lower line is labeled '1 3/8' and passes through approximately (7, 4).

Used Pressure (x10 ⁴ kPa/cm ²)	Braking Torque (x10 ⁴ kgf-m) for 2 1/8	Braking Torque (x10 ⁴ kgf-m) for 1 3/8
0	0	0
1	1.4	0.57
2	2.8	1.14
3	4.2	1.71
4	5.6	2.29
5	7.0	2.86
6	-	3.43
7	-	4.00

BLEED SCREW

2-M10 P1.5

167.3

80

260

351

80

70

105

102.7

13x18 (LONG BORE)

GREASE NIPPLE

OIL INLET 3/8-24UNF

78

55

99

Ø85

Ø30

Ø260

• MODEL TYPE	DB PAC-20	
• SIZE OF CYLINDER	1 3/8	2 1/8
• AREA OF CYLINDER (cm ²)	9.57	22.88
• USABLE DISC DIA (mm)	φ 260	
• DISC THICKNESS (mm)	10.4	
• PAD MODEL TYPE	DB-0400	
• WEAR ALLOWANCE OF PAD (mm)	10	
• MAX. WORKING OIL PRESSURE (MPa)	7 (70kgf/cm ²)	5 (50kgf/cm ²)
• REQUIRED OIL VOLUME (cc)	1	2.5
• WEIGHT (kg)	22	

DB PAC-30



Figure 1 is a line graph showing the relationship between Braking Torque and Used Pressure for two different diameters. The Y-axis is labeled 'BRAKING TORQUE (x 10³ kg-m)' and ranges from 0 to 10. The X-axis is labeled 'USED PRESSURE MPa (x 10⁴ kPa/cm²)' and ranges from 0 to 7. Two lines are plotted: one for 2 1/8 inch diameter and one for 1 3/8 inch diameter. Both lines show a linear increase in braking torque with increasing pressure.

Used Pressure (MPa)	Braking Torque (x 10 ³ kg-m) for 2 1/8"	Braking Torque (x 10 ³ kg-m) for 1 3/8"
0	0	0
1	2.0	1.0
2	4.0	2.0
3	6.0	3.0
4	8.0	4.0
5	10.0	5.0

BLEED SCREW

202.2

100

2-M10 P1.5

$\phi 105$

$\phi 30$

$\phi 350$

70

105

121.5

13x18
(LONG BORE)

GREASE NIPPLE

361

80

55

74

160

OIL INLET
3/8-24UNF

• MODEL TYPE	DB PAC-30	
• SIZE OF CYLINDER	1 3/8	2 1/8
• AREA OF CYLINDER (cm ²)	9.57	22.88
• USABLE DISC DIA (mm)	φ 350	
• DISC THICKNESS (mm)	20	
• PAD MODEL TYPE	DB-0400	
• WEAR ALLOWANCE OF PAD (mm)	10	
• MAX. WORKING OIL PRESSURE (MPa)	7 (70kgf/cm ²)	5 (50kgf/cm ²)
• REQUIRED OIL VOLUME (cc)	1	2.5
• WEIGHT (kg)	40	

Oil to be used: Use Brake Oil (Vegetable Oil). Also Brake for Mineral Oil are Available.