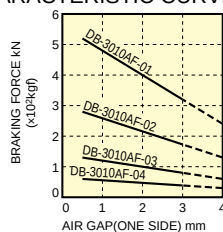


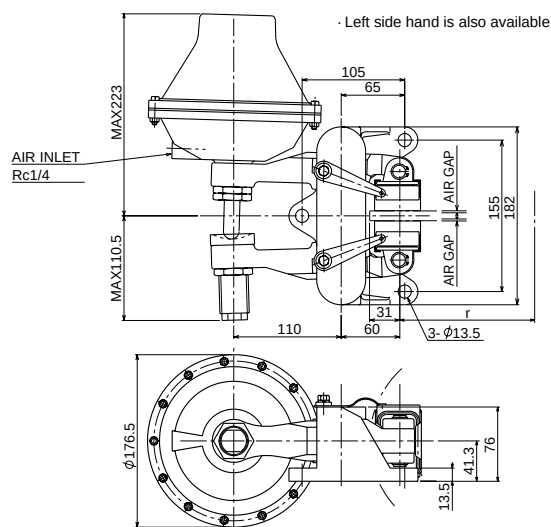
DB-3010AF



● CHARACTERISTIC CURVE



· COEFFICIENT OF DYNAMIC FRICTION 0.3



● SPECIFICATION

· MODEL TYPE	DB-3010AF
· USABLE DISC DIA (mm)	φ200-∞
· DISC THICKNESS (mm)	10
· EFFECTIVE RADIUS OF BRAKING (m)	$r = \frac{1}{1000} \left(\frac{\text{DISC DIA}}{2} - 31 \right)$
· PAD MODEL TYPE	DB-0433-K ※※※
· WEAR ALLOWANCE OF PAD (mm)	7
· AREA OF CYLINDER (cm²)	110
· MAX. WORKING AIR PRESSURE (MPa)	0.7 (7kgf/cm²)
· WEIGHT (kg)	11
· TORQUE CALCULATION (BRAKING FORCE=kN)	$T \text{ (kN·m)} = kN \times r$

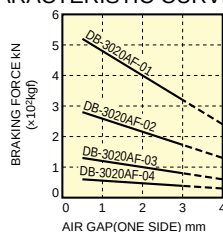
Pad for only holding (static μ) is available for application for holding brake.

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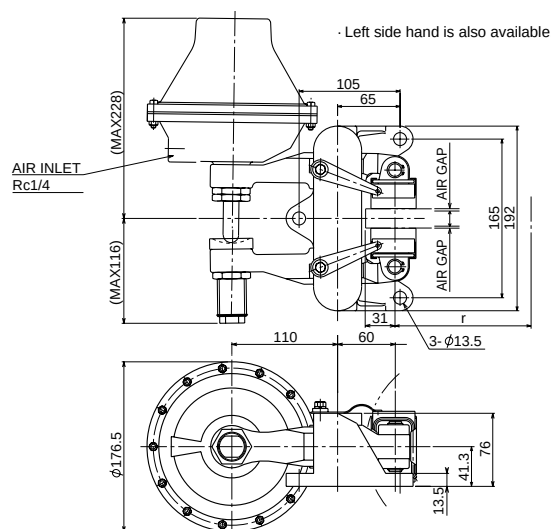
DB-3020AF



● CHARACTERISTIC CURVE



· COEFFICIENT OF DYNAMIC FRICTION 0.3



● SPECIFICATION

· MODEL TYPE	DB-3020AF
· USABLE DISC DIA (mm)	φ200-∞
· DISC THICKNESS (mm)	20
· EFFECTIVE RADIUS OF BRAKING (m)	$r = \frac{1}{1000} \left(\frac{\text{DISC DIA}}{2} - 31 \right)$
· PAD MODEL TYPE	DB-0433-K ※※※
· WEAR ALLOWANCE OF PAD (mm)	7
· AREA OF CYLINDER (cm²)	110
· MAX. WORKING AIR PRESSURE (MPa)	0.7 (7kgf/cm²)
· WEIGHT (kg)	12.5
· TORQUE CALCULATION (BRAKING FORCE=kN)	$T \text{ (kN·m)} = kN \times r$

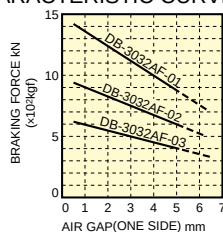
Pad for only holding (static μ) is available for application for holding brake.

· Dimensions and specifications might be changed for improvement without notice.

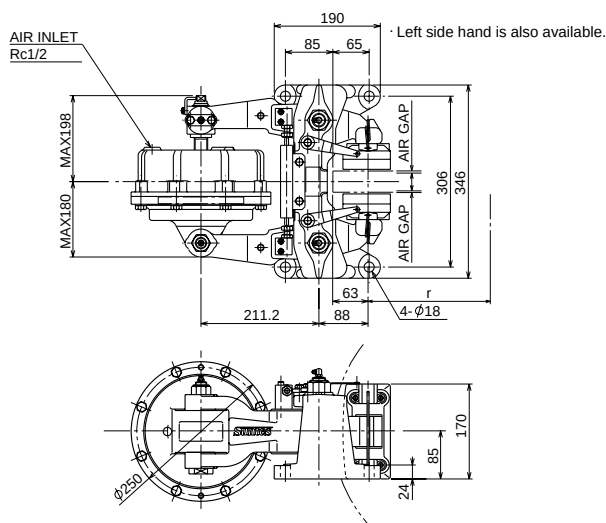
DB-3032AF



● CHARACTERISTIC CURVE



• COEFFICIENT OF DYNAMIC FRICTION 0.3

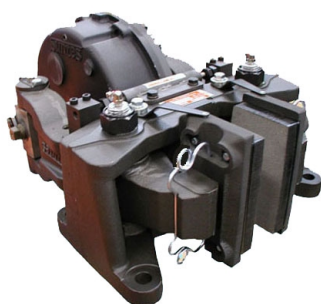


● SPECIFICATION

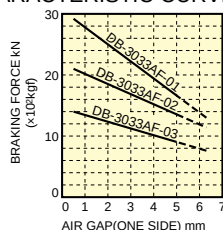
MODEL TYPE	3032AF-01	3032AF-11
USABLE DISC DIA (mm)	φ500~∞	
DISC THICKNESS (mm)	38	50
EFFECTIVE RADIUS OF BRAKING (m)	$r = \frac{1}{1000} \left(\frac{\text{DISC DIA}}{2} - 63 \right)$	
PAD MODEL TYPE	DB-0435-K ※※※	
WEAR ALLOWANCE OF PAD (mm)	15	
AREA OF CYLINDER (cm ²)	301.6	
MAX. WORKING AIR PRESSURE (MPa)	0.7 (7kgf/cm ²)	
WEIGHT (kg)	66	
TORQUE CALCULATION (BRAKING FORCE=kN)	T (kN·m) = kN × r	

Pad for only holding (static μ) is available for applicatio for holding brake.

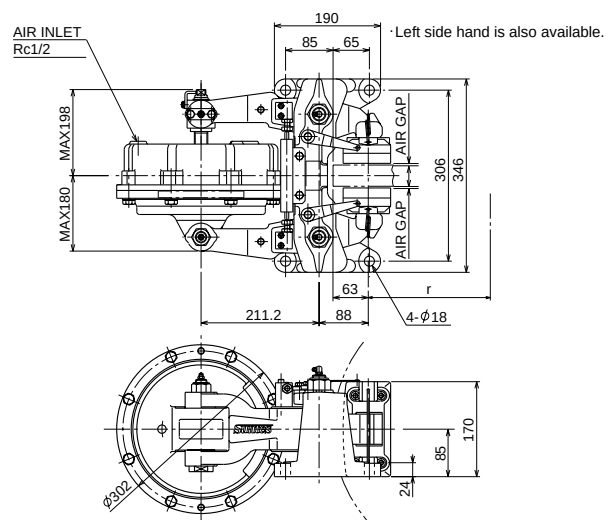
DB-3033AF



● CHARACTERISTIC CURVE



• COEFFICIENT OF DYNAMIC FRICTION 0.3



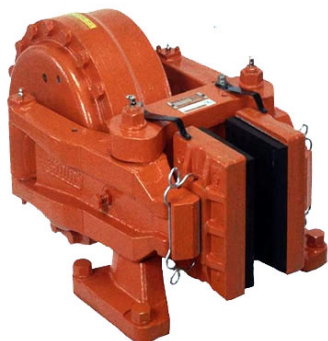
● SPECIFICATION

MODEL TYPE	3033AF-01	3033AF-11
USABLE DISC DIA (mm)	φ500~∞	
DISC THICKNESS (mm)	38	50
EFFECTIVE RADIUS OF BRAKING (m)	$r = \frac{1}{1000} \left(\frac{\text{DISC DIA}}{2} - 63 \right)$	
PAD MODEL TYPE	DB-0435-K ※※※	
WEAR ALLOWANCE OF PAD (mm)	15	
AREA OF CYLINDER (cm ²)	478.3	
MAX. WORKING AIR PRESSURE (MPa)	0.7 (7kgf/cm ²)	
WEIGHT (kg)	78	
TORQUE CALCULATION (BRAKING FORCE=kN)	T (kN·m) = kN × r	

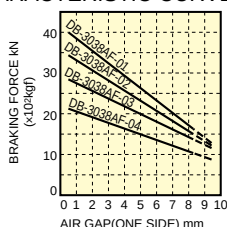
Pad for only holding (static μ) is available for applicatio for holding brake.

• Dimensions and specifications might be changed for improvement without notice.

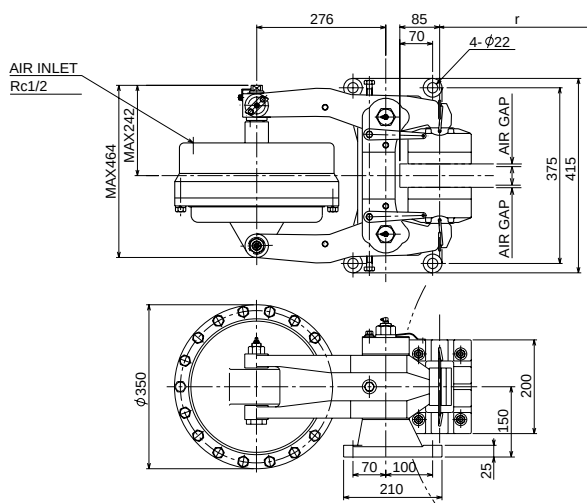
DB-3038AF



● CHARACTERISTIC CURVE



• COEFFICIENT OF DYNAMIC FRICTION 0.3



• Left side hand is also available.

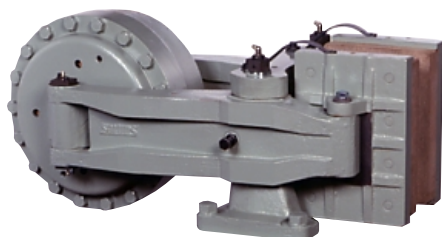
● SPECIFICATION

MODEL TYPE	3038AF-01	3038AF-11	3038AF-21
USABLE DISC DIA (mm)	φ600~∞		
DISC THICKNESS (mm)	50	75	100
EFFECTIVE RADIUS OF BRAKING (m)	$r = \frac{1}{1000} \left(\frac{\text{DISC DIA}}{2} - 85 \right)$		
PAD MODEL TYPE	DB-0455-K01※	DB-0455-K02※	DB-0455-K03※
WEAR ALLOWANCE OF PAD (mm)	20		
AREA OF CYLINDER (cm²)	687		
MAX. WORKING AIR PRESSURE (MPa)	0.7 (7kgf/cm²)		
WEIGHT (kg)	140		
TORQUE CALCULATION (BRAKING FORCE=kN)	$T \text{ (kN·m)} = kN \times r$		

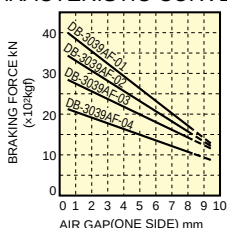
Pad for only holding (static μ) is available for application for holding brake.

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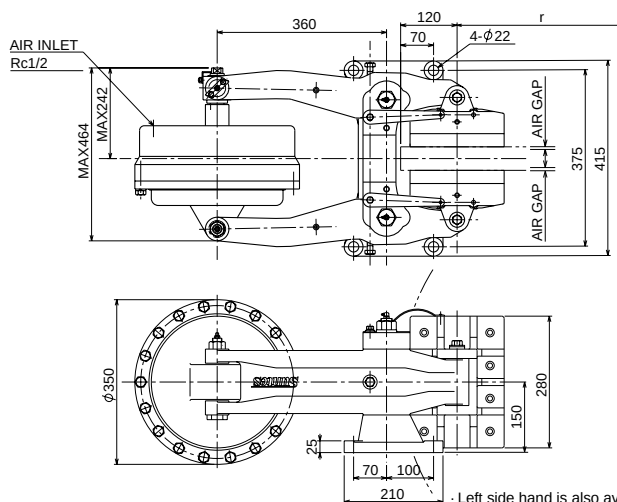
DB-3039AF



● CHARACTERISTIC CURVE



• COEFFICIENT OF DYNAMIC FRICTION 0.3



• Left side hand is also available.

● SPECIFICATION

MODEL TYPE	3039AF-01	3039AF-11	3039AF-21
USABLE DISC DIA (mm)	φ900~∞		
DISC THICKNESS (mm)	50	75	100
EFFECTIVE RADIUS OF BRAKING (m)	$r = \frac{1}{1000} \left(\frac{\text{DISC DIA}}{2} - 120 \right)$		
PAD MODEL TYPE	DB-0454-K01※	DB-0454-K02※	DB-0454-K03※
WEAR ALLOWANCE OF PAD (mm)	20		
AREA OF CYLINDER (cm²)	687		
MAX. WORKING AIR PRESSURE (MPa)	0.7 (7kgf/cm²)		
WEIGHT (kg)	170		
TORQUE CALCULATION (BRAKING FORCE=kN)	$T \text{ (kN·m)} = kN \times r$		

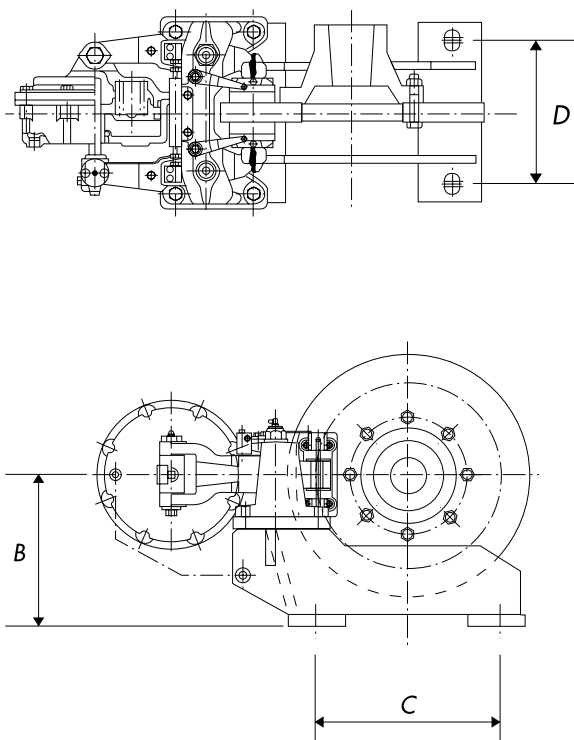
Pad for only holding (static μ) is available for application for holding brake.

• Dimensions and specifications might be changed for improvement without notice.

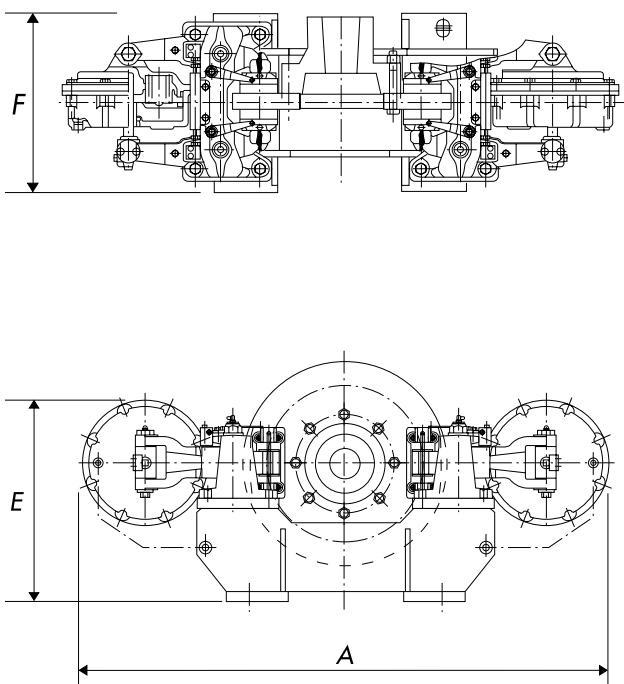
DBF-100 Series

- Applicable for JEM1120 Installing Dimension.
- DBA Series (Pneumatic Disc Brake) and

● Small Type



● Large Type



● DIMENSION LIST:mm

Unit Model Type	A	B	C	D	E	F (MAX.)	Max. Brake torque kN · m (×10 ² kg · m)
DBF-103	491	178	164	146	246	364	0.6
DBF-104	557	213	204	160	281	364	0.88
DBF-105	843	250	292	228	318	364	1.8
DBF-106	882	308	380	272	459	378	5.3
DBF-107	1275	336	470	330	487	378	10.8
DBF-108	1475	403	596	406	554	378	16

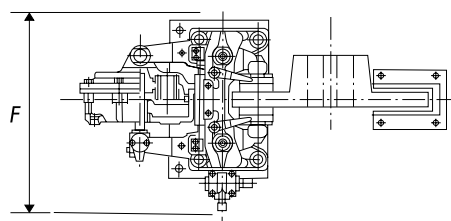
*Brake with air panel is also available.

*Dimensions and specifications might be changed for improvement without notice.

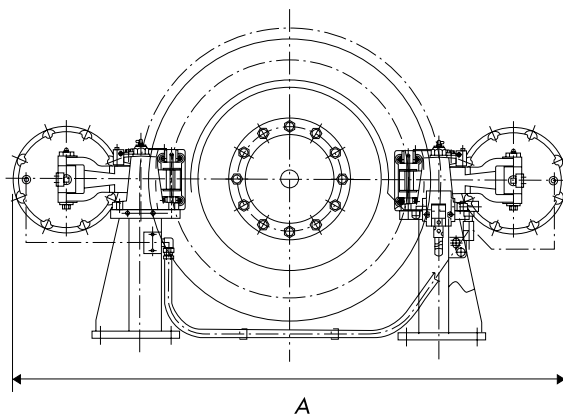
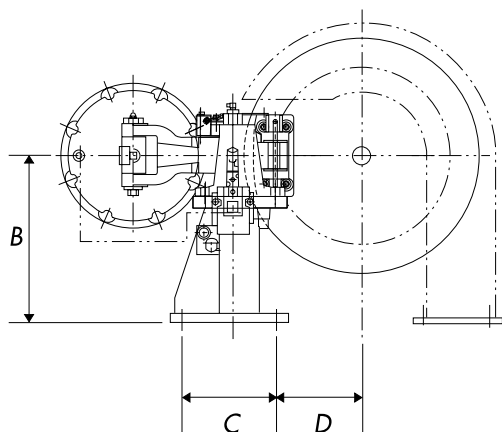
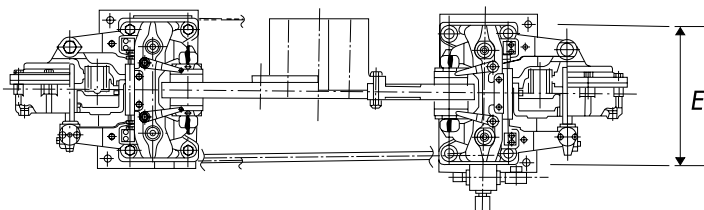
DBF-200 Series

● DBA Series (Pneumatic Disc Brake) and

● Small Type



● Large Type



● DIMENSION LIST:mm

Unit Model Type	A	B	C	D	E	F (MAX.)	Max. Brake torque kN·m (x10 ² kgf·m)
DBF-203	539	180	100	119	140	316	0.18
DBF-204	592	220	130	84	210	364	0.45
DBF-205	903	220	130	124	210	364	1.26
DBF-206	1053	350	130	199	210	364	1.92
DBF-207	932	350	200	185	350	400	3.8
DBF-208	1272	450	200	335	350	400	6.9
DBF-209	1574	450	200	335	350	400	13.4

*Brake with air panel is also available.

*Dimensions and specifications might be changed for improvement without notice.