POWER CONTROL SYSTEMS

SA Electromagnetic Disc Brake PAT.

[Spring Applied Electromagnetic Release]

DB-4020EF



●CHARACTERISTIC CURVE



COEFFICIENT OF DYNAMIC FRICTION 0.3
(Remark) Use Air Gap within 2mm at one side.

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● SPECIFICATION

· MODEL TYPE		DB-4020EF		
· USABLE DISC DIA	(mm)	<i>¢</i> 200~∞		
· DISC THICKNESS	(mm)	20		
· EFFECTIVE RADIUS OF BRAKING	(m)	$r = \frac{1}{1000} (\frac{\text{DISC DIA}}{2} - 31)$		
PAD MODEL TYPE		DB-0433-K01B		
·WEAR ALLOWANCE OF PAD	(mm)	7		
DASH SUPPLY VOLTAGE	(V)	DC150~210		
KEEP SUPPLY VOLTAGE	(V)	DC20~31		
· POWER CONSUMPTION	(W)	25		
		(CONDUCTION CONTINUOUSLY AT DC31V)		
· DUTY RATE		360 C/H · 50%ED		
		OR CONTINUOUSLY KEEPING DUTY RATE		
· SUITABLE POWER SUPPLY BOX		AP-2403 *		
• WEIGHT	(kg)	39		
•TORQUE CALCULATION (BRAKING FORC	CE=kN)	$T(kN \cdot m) = kN \times r$		
Pad for only holding (static, y) is available for application for holding brake				

Pad for only holding (static μ *For detail refer page 32.



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· WEAR ALLOWANCE OF PAD	(mm)	7		
· DASH SUPPLY VOLTAGE	(V)	DC150~210		
· KEEP SUPPLY VOLTAGE	(V)	DC20~31		
· POWER CONSUMPTION	(W)	30		
		(CONDUCTION CONTINUOUSLY AT DC31V)		
· DUTY RATE		360 C/H · 50%ED		
		OR CONTINUOUSLY KEEPING DUTY RATE		
· SUITABLE POWER SUPPLY BOX		AP-2403 *		
·WEIGHT	(kg)	50		
· TORQUE CALCULATION (BRAKING FORCE	E=kN)	$T(kN\cdot m) = kN \times r$		
Pad for only holding (static, y) is available for application for holding brake				

Pad for only holding (static μ *For detail refer page 32.