PB Series Brake

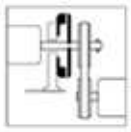
PB-120

Weights and Inertia

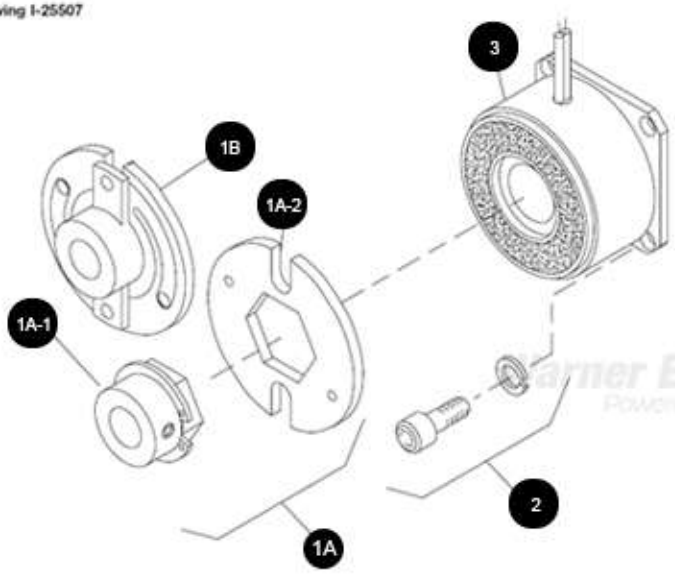
Unit Size	PB-120	
	Wt. (lbs.)	Inertia (lbs.in.^{2})
Magnet	.090	.....
Armature	.018	.00378
Armature Hub	.019	.000407
Antibacklash Armature	.....	.00456

Application

A brake is used when a rotating load is to be stopped.



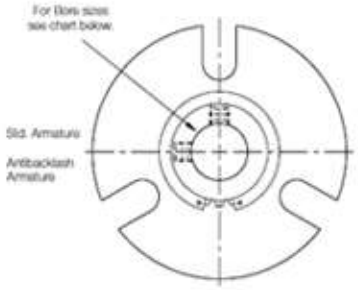
Drawing I-25507



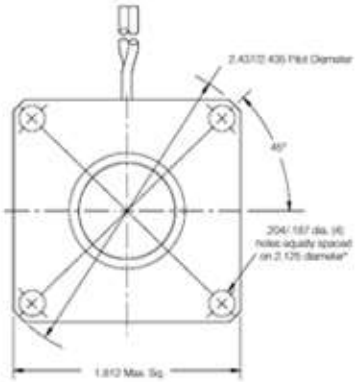
Item	Description	Part Number	Qty.
1A	Armature and Hub		
1A-1	Armature Hub		1
	3/16" Bore	5622-541-009	
	1/4" Bore	5622-541-008	
1A-2	Armature	110-0110	1
1B	Antibacklash Armature		1
	3/16" Bore	5622-111-004	
	1/4" Bore	5622-111-002	
	5/16" Bore	5622-111-003	
2	Mounting Accessory	5101-101-001	1
3	Magnet		1
	6 Volt	5373-631-003	
	24 Volt	5373-631-005	
	90 Volt	5373-631-007	

Bore Dimensions

Armature Bore Dia.
.188/.187
.251/.250
(.313/.312)*



Armature View



Magnet View

Electrical Specifications

Unit Size	PB 120		
Voltage – DC	6	24	90
Resistance @ 20°C — Ohms	6.32	104	1386
Current — Amperes	.949	.230	.065
Watts	5.69	5.52	5.85
Coil Build-up — Milliseconds	12	12	11
Coil Decay — Milliseconds	8	8	7

How to Order:

1. Specify Type of Armature Desired.
2. Specify Bore Size for Item 1A-1 or 1B and Item 2.
3. Specify Voltage for Item 4.
4. See Controls Section.