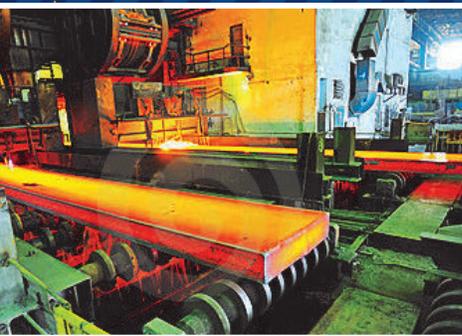
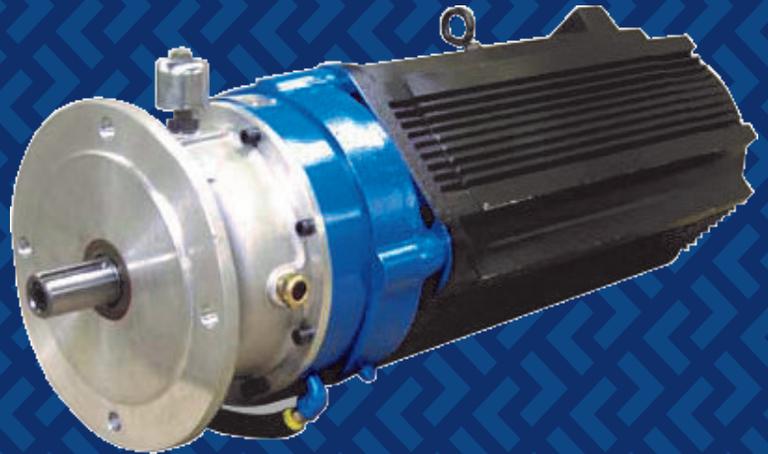
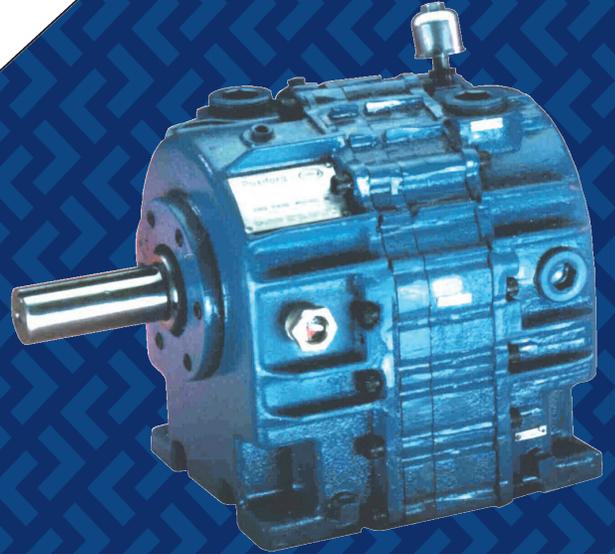


WORLDWIDE LEADER IN OIL SHEAR TECHNOLOGY

POSISTOP

AIR/HYDRAULIC ACTUATED BRAKES FEATURING OIL SHEAR TECHNOLOGY



**HIGH CYCLE—SEVERE DUTY
YEARS OF MAINTENANCE FREE SERVICE**

MADE IN THE USA
USED WORLDWIDE

 FORCECONTROL.COM

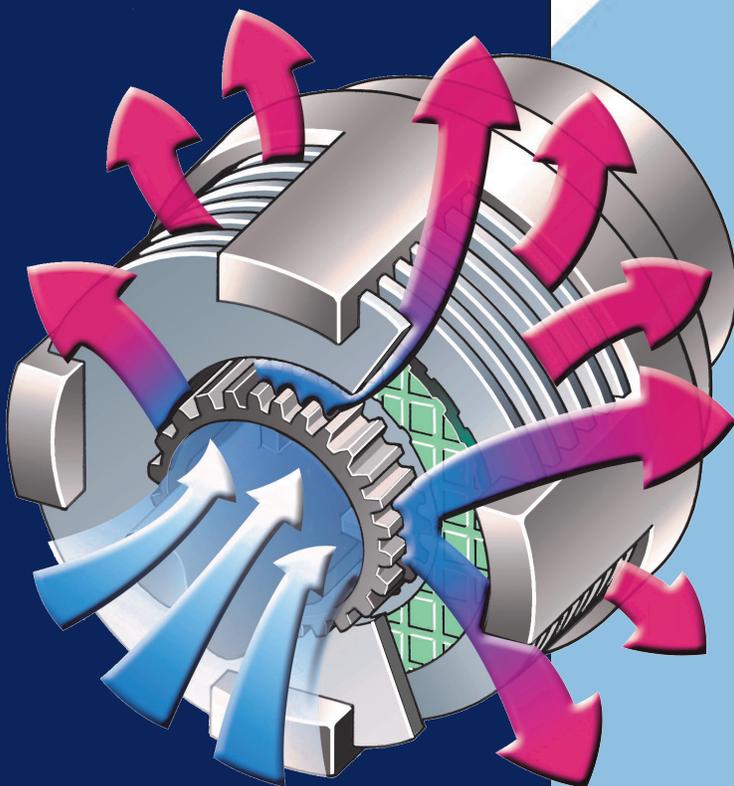
OIL SHEAR TECHNOLOGY

Oil Shear Technology Provides Force Control Brakes With Increased Cycle Life, Higher Cycle Rates, and Lower Cost per Cycle.

Posistop brakes with Oil Shear Technology are of the wet or hydroviscous type which transmits torque through specially formulated transmission fluid between the drive plates and friction discs. The transmission fluid is also used for cooling and provides a hydroviscous fluid film between the friction disc and the drive plate during the dynamic phase of engagement.

The transmission fluid in shear transmits torque between the two components increasing as the clamping pressure increases until mechanical lock up occurs. By cooling the friction surfaces and reducing the mechanical wear, a significant increase of thermal capacity and total cycle life is possible.

Many competitive brakes depend on friction between dry surfaces surrounded by air to transmit torque. During engagement of dry surfaces, high heat caused by slipping is difficult to dissipate quickly causing wear, glazing, and friction material degradation. This in turn causes positioning inaccuracy, limited service life, and possible safety issues.



THE ADVANTAGE OF POSISTOP BRAKES WITH OIL SHEAR TECHNOLOGY

The Posistop line of brakes include the basic Posistop foot mounted brake, standard motor brakes (mounted on the back of the motor), coupler brakes (mounted on the drive end of a C Face motor), and custom designs for mounting gear reducers, servo motors, or special machinery components.

The Posistop Brake featuring Oil Shear Technology is the oldest, most flexible brake in the line. Beginning in 1969 thousands of Posistop brakes have been producing products around the world. Applications range from mining, lumber and steel, to food processing, packaging, and meat packing.

The Basic Posistop line of brakes can be air actuated or hydraulically actuated. They are available as Basic foot mount with a single or double shaft extension designed to be either pressure set-spring release or spring set-pressure release.

Motor brakes are typically spring set-pressure release however there are models available that are pressure set-spring release.

Coupler brakes are also available with NEMA, IEC or custom flange mountings. They can be spring set or pressure set.

Shaft mounted brakes are another option made to slide on a machine shaft extension.

Options include manifold mounted valves, wash down duty (food processing), marine duty (marine and ports), horizontal, vertical or wall mounting, and many custom shaft styles (splined, metric).

Cooling options include basic, fan cooled, water cooled, oil to air external cooling, and forced lube cooling.

OIL SHEAR TECHNOLOGY

Specially formulated transmission fluid is used for cooling and provides a hydroviscous fluid film between the friction disc and the drive plate during the dynamic phase of engagement.

POSISTOP BRAKE APPLICATIONS, INDUSTRIES & SPECIFICATIONS



SUCCESSFUL APPLICATIONS

- Winches/Hoists
- Palletizing
- Conveying
- Indexing
- Turn Overs/Dumpers
- Coal Sampling
- Production Machines
- Automotive Production

TYPICAL INDUSTRIES

- Lumber
- Mining
- Packaging
- Steel
- Fabrication
- Pipe Mills
- Food Processing
- Meat Packing
- Breweries
- Bottling Plants
- Military
- Concrete Blocks
- Ice Cream
- Bakeries
- Candy
- Rail Loading/Unloading

SPECIFICATIONS

- Spring set or Pressure Set
- Torque 2 Lb. Ft. to 4152 Lb. Ft.
- Foot Mounted, C-Face, Motor Mounted
- Fits NEMA Frame 56 to 440 motor frames.
- IEC and Custom frame available
- Wash Down, Marine Duty, Hazardous Duty,
- Can also be furnished as an assembled brake motor.

SPECIAL APPLICATIONS

CPB TIRE CURING PRESS BRAKE

Posistop CPB brakes are designed specifically for curing press applications (McNeil/NRM) in the tire manufacturing industry. Get the advantages of Oil Shear Technology in a brake that is simple to install.

- This unique design will fit existing motors with the square shaft extending through the brake for emergency operation.
- Significantly improved service life (estimated 10+ years) with no maintenance*, and no adjustment – ever!
- Consistent torque throughout the life of the brake provides consistent stopping position.
- Spring set, direct acting air release, eliminating issues of coil burnout, corrosion, and constant adjustment and replacement.
- The heavy duty totally enclosed brake system is not affected by moisture, steam, oil, or heat.
- Use the same brake for both vertical or horizontal applications.



*Annual fluid change recommended for maximum service life.

HAZARDOUS DUTY BRAKE

Force Control Posistop brakes can be air or hydraulically actuated. The units can be pressure set—spring release, or spring set—pressure release. With explosion proof valves the air and hydraulic actuated units meet Class I, II, III, Div 1, and 2, groups a, b, c, d, e, f and g.

Used in conjunction with hazardous duty valves and hazardous duty air, hydraulic or electric motors, these are a good solution for those hazardous location applications.



Internal temperature sensors and the totally enclosed marine duty housing add to the benefits.

Oil Shear Technology assures long life, no adjustment, and minimal maintenance.

The Hazardous Duty brakes are available in various mountings and styles including foot mounted, through shaft, flange mounted, and C-Face.

POSISTOP OIL SHEAR BRAKES

The Answer to Severe Heavy Duty Braking

FEATURES

- Air or Hydraulic Actuation
- High Cycle Capability
- Cut-To-Length Position Accuracy
- Totally Enclosed Sealed Housing
- Low Maintenance - Reduced Downtime
- Severe or Hazardous Duty
- Compact Size - High Thermal Capacity
- Wash Down and Marine Duty Option
- Low Inertia Energy Savings
- Cooling - Basic, Water, Oil-To-Air, and Forced Lube
- Oil Shear Technology

POSISTOP OPTIONS AND ACCESSORIES



HAZARDOUS DUTY

The Posistop brakes are inherently hazardous duty rated. Air actuation can be used with air motors or hazardous duty rated electric motors. A hazardous duty valve which is readily available is used with the hazardous duty brakes.



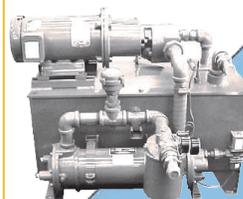
OIL-TO-AIR EXTERNAL COOLING

Transmission fluid is circulated through an external oil-to-air heat exchanger (oil-to-water is available), through a filter and back into the unit. This system provides the ultimate life for the brake in addition to handling extremely high thermal loads.



GEARBOX MOUNTING

C-Face mounting to the input end of a gearbox is used when the motor may be connected through another part of the drive train.



FORCED LUBE COOLING

Hot transmission fluid from the friction stack is circulated through the reservoir, heat exchanger, filter, and back through the output shaft providing cooling for continuous slip applications.



WASHDOWN/MARINE DUTY

Modifications include Steel It epoxy coatings on the housing, stainless steel fittings, nickel plated shafts, and non corrosive breathers and sight gauge.



SERVO MOTOR BRAKE

An air actuated brake may be a good solution for heavy duty servo drives when severe braking is required. It has extremely quick response, and is able to handle high cycle dynamic stops.



ASSEMBLED BRAKEMOTOR

For the most efficient package and simplicity of installation the Assembled Brake Motor is the answer. The brake is ordered to match the motor and professional installation assures no problems out of the box. Many special motors are available.



MANIFOLD MOUNTED VALVE

The manifold mounted valve improves response time, positioning accuracy and reduces installation time. Particularly useful for high precision applications.

POSISTOP MOTOR BRAKE SPECIFICATIONS

Posistop Motor Brakes (MB Series) with multiple springs and multiple discs are very flexible brakes. They may be assembled to obtain a broad range of torque ratings. The spring set torque of the brake is determined by the number of springs and number of discs assembled. The following charts show all of the options however the ones in bold type are considered standard. Typically selecting the maximum number of discs and fewer springs to achieve the desired torque is ideal.

MB-056 SPECIFICATIONS

Discs	No. Springs		
	3	4	6
Static Torque (Lb. Ft.)			
1	3	4	6
2	6	8	12
3	9	12	18
Pressure to Release (PSI)			
	30	40	60

Thermal Rating (Hp Sec/Min)	Max. KE per Engagement (Ft. Lbs)	Piston Volume (Cu In)	Inertia WK2 (Lb. Ft.^2)	Max. Speed (RPM)	Weight (Lbs.)	Oil Capacity (Ounces)
30	4650	0.5	0.009	1800	15	6

MB-180, MB-210, MB-210L SPECIFICATIONS

Discs	No. Springs		
	3	4	6
Static Torque Lb. Ft.)			
1	15	20	30
2	30	40	60
3	45	*60	*90
Pressure to Release (PSI)			
	28	35	51

Thermal Rating (Hp Sec/Min)	Max. KE per Engagement (Ft. Lbs)	Piston Volume (Cu In)	Inertia WK2 (Lb. Ft.^2)	Max. Speed (RPM)	Weight (Lbs.)	Oil Capacity (Quart)
25	6425	3	0.034	3600	MB-180-40 MB-210-45	1

* Torque not available with 7/8" dia. collet

MB-250 AND MB-280 SPECIFICATIONS

Discs	No. Springs		
	4	6	8
Static Torque (Lb. Ft.)			
1	30	45	60
2	60	90	120
3	90	135	180
4	120	180	*240
5	150	225	*300
Pressure to Release (PSI)			
	28	35	51

Thermal Rating (Hp Sec/Min)	Max. KE per Engagement (Ft. Lbs)	Piston Volume (Cu In)	Inertia WK2 (Lb. Ft.^2)	Max. Speed (RPM)	Weight (Lbs.)	Oil Capacity (Quarts)
50	18500	5	0.215	1800	MB-250-100 MB-280-108	2

* Torque not available with 1 1/8" or 1 3/8" dia. collet

MB-320 SPECIFICATIONS

Discs	No. Springs			
	3	4	6	9
Static Torque (Lb. Ft.)				
1	30	40	60	90
2	60	80	120	180
3	90	120	180	270
4	120	160	*240	*360
5	150	200	*300	△450
Pressure to Release (PSI)				
	20	28	35	51

Thermal Rating (Hp Sec/Min)	Max. KE per Engagement (Ft. Lbs)	Piston Volume (Cu In)	Inertia WK2 (Lb. Ft.^2)	Max. Speed (RPM)	Weight (Lbs.)	Oil Capacity (Quarts)
70	18,500	6	0.215	1800	160	5

* Minimum shaft diameter 1 5/8"

△ Minimum shaft diameter 1 7/8"

MB-440 SPECIFICATIONS

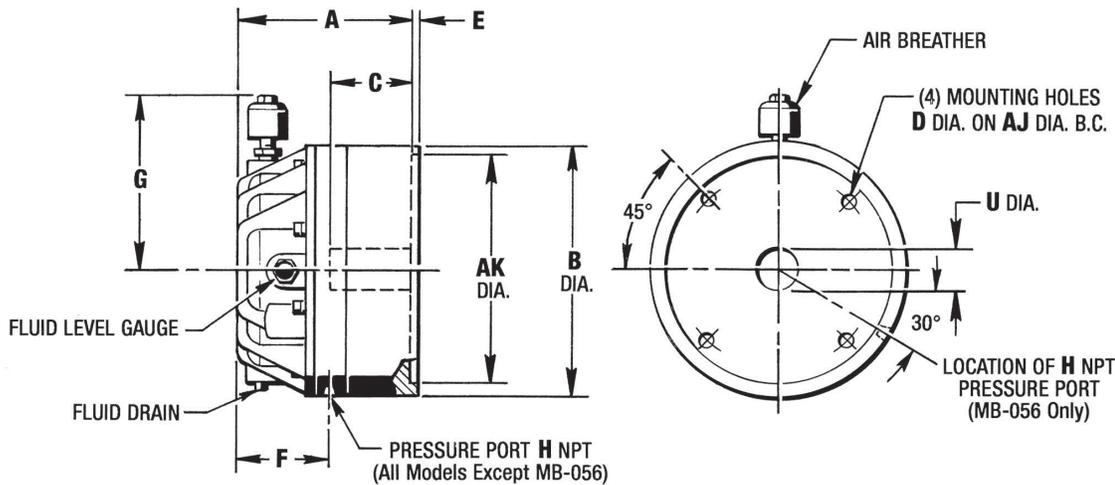
Discs	No. Springs			
	6	8	10	12
Static Torque (Lb. Ft.)				
4	440	590	750	900
9	990	1340	1690	2030
Pressure to Release (PSI)				
	20	30	40	60

Thermal Rating (Hp Sec/Min)	Max. KE per Engagement (Ft. Lbs)	Piston Volume (Cu In)	Inertia WK2 (Lb. Ft. ^2)	Max. Speed (RPM)	Weight (Lbs.)	Oil Capacity (Quarts)
C/F	C/F	47.4	2.1	1800	370	5.5

NOTE: Maximum speed—1800 RPM except sizes MB-180 and MB210 which is 3600 RPM in horizontal and vertical down position.

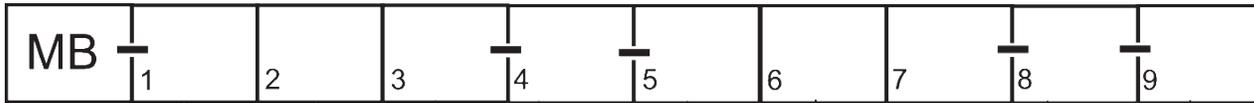
CF—Consult factory

BASIC POSISTOP MOTOR BRAKE DIMENSIONS



Brake Size	Dimensions (Inches)												Fluid Capacity	Weight Lbs.
	A	B	C		D Dia.	E	F	G	H NPT	U* Dia.	AJ Dia.	AK Dia.		
			Min.	Max.										
MB-056	4.81	6.63	1.38	2.13	0.41	0.25	1.88	4.63	1/8"	0.625 0.875	5.88	4.50	6 oz.	15
MB-180	6.13	8.81	1.75	2.75	0.41	0.25	3.38	5.75	1/8"	0.875 1.125	5.88	4.50	1 Qt.	40
MB-210	6.13	8.81	1.75	2.62	0.53	0.19	3.38	5.75	1/8"	0.875 1.125 1.375	7.25	8.50	1 Qt.	45
MB-210L	6.88	8.81	2.50	3.50	0.53	0.19	3.38	5.75	1/8"	0.875 1.125 1.375	7.25	8.50	1 Qt.	45
MB-250	10	10.88	2.00	4.13	0.53	0.19	5.38	6.25	1/4"	1.125 1.375 1.625 1.875	7.25	8.50	2 QT.	100
MB-280	10	10.88	2.00	4.13	0.53	0.19	5.44	6.25	1/4"	1.375 1.625 1.875	9.00	10.50	2 QT.	108
MB-320	10.63	12.88	2.50	4.63	0.66	0.19	6.06	7.25	1/4"	1.375 1.625 1.875	11.00	12.50	5 Qt.	160
MB-440	17.61	16.75	4.00	5.00	0.66	0.22	4.54	9.76	3/4"	2.125 2.375 2.875 3.375	14.00	16.00	5.5 Qt.	370

HOW TO ORDER POSISTOP MOTOR BRAKE



(1, 2 & 3) Model

056	= 56
180	= 180
210	= 210
21L	= 210L*
250	= 250
280	= 280
320	= 320
440	= 440

*21L=210 Long for use on 254 and 256 frame motors when static torque requirements are 90 Lb. Ft. or less.

(5, 6 & 7) Static Torque (Lb. Ft.)

002	= 2	135	= 135
003	= 3	150	= 150
004	= 4	160	= 160
006	= 6	180	= 180
008	= 8	200	= 200
009	= 9	225	= 225
010	= 10	240	= 240
012	= 12	270	= 270
015	= 15	300	= 300
018	= 18	360	= 360
020	= 20	440	= 440
030	= 30	450	= 450
040	= 40	590	= 590
045	= 45	750	= 750
060	= 60	900	= 900
075	= 75	990	= 990
080	= 80	D40	= 1340
090	= 90	G90	= 1690
120	= 120	L30	= 2030

(8) Shaft Diameter

A	= 5/8"
0	= 7/8"
1	= 1 1/8"
2	= 1 1/4"
3	= 1 3/8"
5	= 1 5/8"
7	= 1 7/8"
C	= 2 1/8"
D	= 2 1/4"
E	= 2 3/8"
J	= 71/80*
K	= 90/100*
L	= 112/132s*
M	= 132M/160M*
N	= 160L/225*

* SEW Eurodrive metric frame motors.

(9) Encoder/Tachometer

E	= Encoder
T	= Tachometer
N	= None

(4) Mounting

Horizontal	
S	= Std.
T	= Thru Shaft**
Vertical	
1	= Std. Brake Up
2	= Std. Brake Down
3	= Thru Shaft Brake Up
4	= Thru Shaft Brake Down

**Thru shaft not available on MB-056

Posistop Mounting Options

	056	180	210	210L	250	280	320	440
S	X	X	X	X	X	X	X	X
T		X	X	X	X	X	X	X
1	X	X	X	X	X	X	X	X
2	X	X	X	X	X	X	X	X
3		X	X	X	X	X	X	X
4		X	X	X	X	X	X	X

Posistop Shaft Diameter Options

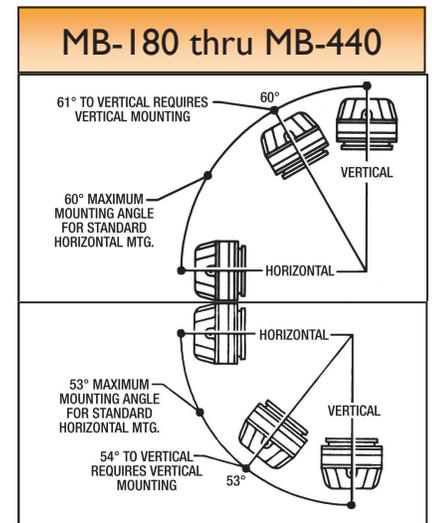
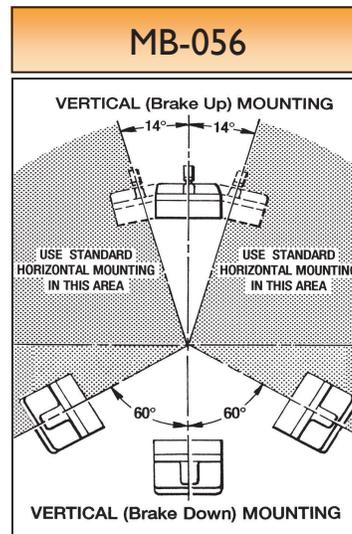
FU	056	180	210	210L	250	280	320	440
5/8"	X ¹							
7/8"	X ¹	X ³	X ³	X ³				
1 1/8"		X	X	X	X	X		
1 3/8"		X ²	X ²	X ²	X	X	X	
1 5/8"					X ²	X ²	X	
1 7/8"					X ²	X ²	X	
2 1/8"								X ²
2 3/8"								X ²

NOTES

1. Not available with thru-shaft configuration
2. Consult factory for thru-shaft configuration
3. Must be 45 Lb. Ft. or less

Horizontal/Vertical Mounting

The illustrations below indicate when it is necessary to select vertical mounting based on the angle of installation.



POSISTOP COUPLER BRAKE SPECIFICATIONS

The Foot Mounted Posistop Ordering System has been developed to simplify the ordering process and to reduce any misunderstanding and costly errors. To correctly order a Foot Mounted Posistop it is necessary to determine the following information: Logic, Size, Type, Mounting Position and Cooling Options and Control Valve. Just use the Ordering System Chart below to develop the proper Ordering Number

MB-056 SPECIFICATIONS

Discs	No. Springs		
	3	4	6
	Torque Static (Lb. Ft.)		
1	4.5	6	9
2	9	12	18
	Pressure to Release (PSI)		
	15	20	30

Thermal Rating (Hp Sec/Min)	Max. KE per Engagement (Ft. Lbs)	Piston Volume (Cu In)	Inertia WK2 (Lb. Ft.^2)	Max. Speed (RPM)	Weight (Lbs.)	Oil Capacity (Pint)
30	4650	1.0	0.009	1800	15	1

MB-210, MB-210L SPECIFICATIONS

Discs	No. Springs		
	3	4	6
	Static Torque (Lb. Ft.)		
1	15	20	30
2	30	40	*60
3	45	*60	*90
	Pressure to Release (PSI)		
	28	35	51

Thermal Rating (Hp Sec/Min)	Max. KE per Engagement (Ft. Lbs)	Piston Volume (Cu In)	Inertia WK2 (Lb. Ft.^2)	Max. Speed (RPM)	Weight (Lbs.)	Oil Capacity (Quart)
25	6425	3	0.034	3600	45	1

* Torque not available with 7/8" dia. collet

MB-250 AND MB-280 SPECIFICATIONS

Discs	No. Springs		
	4	6	8
	Torque Static (Lb. Ft.)		
1	30	45	60
2	60	90	120
3	90	135	180
4	120	180	*240
5	150	225	*300
	Pressure to Release (PSI)		
	28	35	51

Thermal Rating (Hp Sec/Min)	Max. KE per Engagement (Ft. Lbs)	Piston Volume (Cu In)	Inertia WK2 (Lb. Ft.^2)	Max. Speed (RPM)	Weight (Lbs.)	Oil Capacity (Quarts)
50	18500	5	0.215	1800	250-100 280-108	2

* Torque not available with 1 1/8" or 1 3/8" dia. collet

MB-320 SPECIFICATIONS

Discs	No. Springs			
	3	4	6	9
	Torque Static (Lb. Ft.)			
1	30	40	60	90
2	60	80	120	180
3	90	120	180	270
4	120	160	*240	*360
5	150	200	*300	Δ450
	Pressure to Release (PSI)			
	20	28	35	51

Thermal Rating (Hp Sec/Min)	Max. KE per Engagement (Ft. Lbs)	Piston Volume (Cu In)	Inertia WK2 (Lb. Ft.^2)	Max. Speed (RPM)	Weight (Lbs.)	Oil Capacity (Quarts)
25	6425	3	0.034	1800	160	5

*Minimum Shaft Diameter 1-5/8" ΔMinimum shaft Diameter 1-7/8"

NOTE: Maximum speed—1800 RPM except sizes MB-180 and MB210 which is 3600 RPM in horizontal and vertical down position.

CF—Consult factory

HOW TO ORDER POSISTOP COUPLER BRAKE

CB	1	2	3	4	5	6	7	8	9
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(1, 2 & 3) Model

056	= 56
180	= 180
210	= 210
21L	= 210L
250	= 250
280	= 280
320	= 320
440	= 440

(5, 6 & 7) Static Torque (Lb. Ft.)

002	= 2	135	= 135
003	= 3	150	= 150
004	= 4	160	= 160
006	= 6	180	= 180
008	= 8	200	= 200
009	= 9	225	= 225
010	= 10	240	= 240
012	= 12	270	= 270
015	= 15	300	= 300
018	= 18	360	= 360
020	= 20	440	= 440
030	= 30	450	= 450
040	= 40		
045	= 45		
060	= 60		
075	= 75		
080	= 80		
090	= 90		
120	= 120		

(8) Output Shaft

Horizontal	
A	= 5/8" Dia.
B	= 7/8" Dia.
C	= 1-1/8" Dia.
D	= 1-1/4" Dia.
E	= 1-3/8" Dia.
F	= 1-5/8" Dia.
G	= 1-7/8" Dia.



(4) Quill Input Shaft

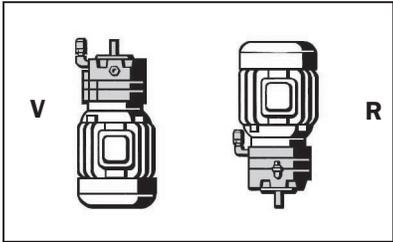
Horizontal	
A	= 5/8" Dia.
B	= 7/8" Dia.
C	= 1-1/8" Dia.
D	= 1-1/4" Dia.
E	= 1-3/8" Dia.
F	= 1-5/8" Dia.
G	= 1-7/8" Dia.

(9) Mounting

A	= Horizontal
V	= Vertical-Output Up
R	= Vertical-Output Down

Shaft Diameter Options

FU	056	180	210	210L	250	280	320
5/8"	X ¹						
7/8"	X ¹	X ³	X ³	X ³			
1 1/8"		X	X	X	X	X	
1 3/8"		X ²	X ²	X ²	X	X	X
1 5/8"					X ²	X ²	X
1 7/8"					X ²	X ²	X
2 1/8"							
2 3/8"							



Horizontal/Vertical Mounting

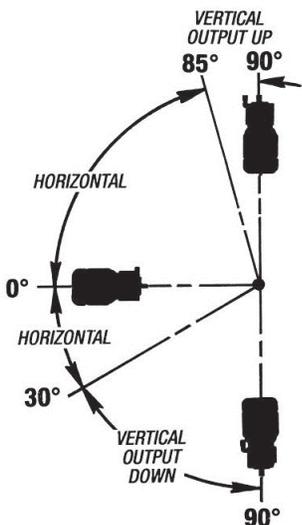
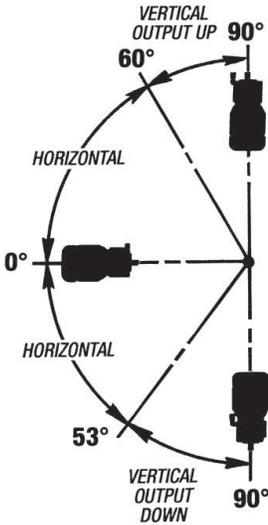
The illustrations below indicate when it is necessary to select vertical mounting based on the angle of installation.

MB-056

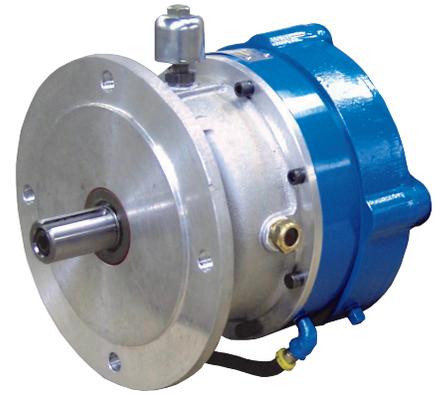
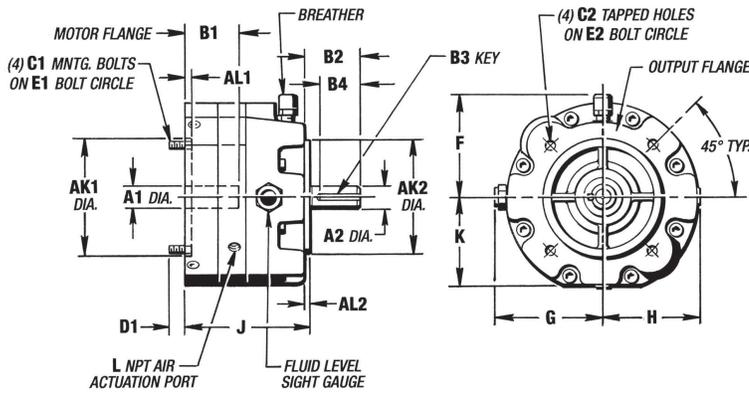
MB-180 thru MB-440

NOTES

1. Not available with thru-shaft configuration
2. Consult factory for thru-shaft configuration
3. Must be 45 Lb. Ft. or less



POSISTOP COUPLER BRAKE DIMENSIONS (MODEL MB-056-MB-320)



	Motor Mounting Flange								Output Flange								Overall Dimensions					
	A1	C1	B1		D1	E1	AK1	AL1	A2	B2	B3	B4	C2	E2	AK2	AL2	F	G	H	J	K	L (NPT)
			Min.	Max.																		
056	0.625	3/8-16	1.44	2.00	.62	5.88	4.50	0.25	.875	2.13	3/16	1.70	3/8-16	5.88	4.50	0.18	4.12	4.38	3.84	5.00	3.38	1/8"
	0.875		1.38	2.13																		
210	0.875	1/2-13	1.75	2.75	.86	7.25	8.50	0.19	0.875	2.13	3/16	1.41	1/2-13	7.25	8.50	0.25	5.80	4.50	4.50	6.52	4.78	1/8"
	1.125								2.63	1/4	1.78											
	1.375								3.13	5/16	2.41											
210L	0.875	1/2-13	2.50	3.50	.86	7.25	8.50	0.19	0.875	2.13	3/16	1.41	1/2-13	7.25	8.50	0.25	5.80	4.50	4.50	7.28	4.78	1/8"
	1.125								2.63	1/4	1.78											
	1.375								3.13	5/16	2.41											
250	1.125	1/2-13	1.63	3.88	.75	7.25	8.50	.19	1.125	2.63	1/4	1.75	1/2-13	7.25	8.5	.25	7.00	5.50	5.50	10.00	5.50	1/4"
	1.375		1.88	4.00					1.375	3.50	5/16	2.75										
	1.625		2.00	4.00					1.625	4.00	3/8	3.25										
280	1.625	1/2-13	2.00	4.00	.75	9.00	10.50	.19	1.625	4.00	3/8	3.25	1/2-13	9.00	10.50	.25	5.50	5.50	5.50	10.37	5.50	1/4"
	1.875		2.25	4.63					1.875	4.00	3/8	3.25										
320	1.625	5/8-11	2.50	4.88	.88	11.00	12.50	.19	1.625	3.00	3/8	1.88	5/8-11	11.00	12.50	.25	7.75	6.00	5.63	10.50	6.44	1/4"
	1.875		2.88	4.88					1.875	5.12	1/2	3.50										

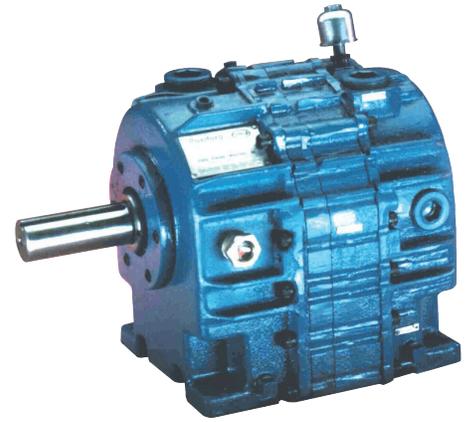
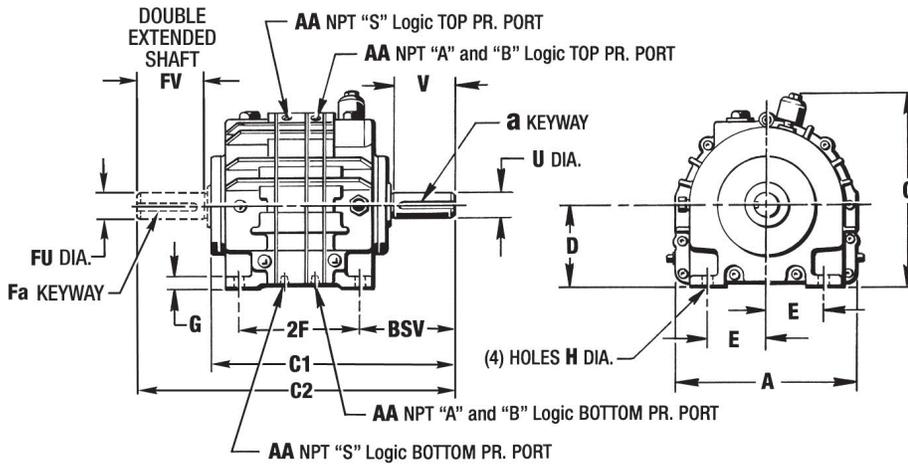
POSISTOP FOOT MOUNTED SPECIFICATIONS (MODEL 03-20)

Size	Logic	Brake Torque (Lb. Ft.)					Max RPM	Thermal Ratings		Air Volume per Engagement (Cu. In.)	Inertia Cyclic Parts (Lb. Ft.^2)	Weight Single Stack (Lbs.)	Weight Tandem Stack (Lbs.)	
		Spring Set		With Air Assist				Basic	HP Sec/Min					Thermal HP
		Static	Dynamic	Static	Dynamic	Max Air Pressure								
03	S	---	---	127	108	60 PSI	3600	45	0.75	7.60	0.10	125	132	
	A	50	42	---	---									
	B	100	85	---	---									
05	S	---	---	290	245	60 PSI	3600	60	1.00	7.60	0.14	174	183	
	A	95	80	---	---									
	B	189	160	---	---									
10	S	---	---	700	592	60 PSI	3600	75	1.25	12.00	0.44	305	320	
	A	233	197	---	---									
	B	466	394	---	---									
11	S	---	---	1095	927	80 PSI	3000	90	1.50	15.00	0.48	349	367	
	A	222	188	---	---									
	B	444	375	---	---									
14	S	---	---	1723	1458	80 PSI	3000	CF	CF	15.00	0.53	CF	CF	
	A	387	327	---	---									
	B	696	589	---	---									
20	S	---	---	2076	1245	80 PSI	3000	120	2.00	23.00	2.80	768	808	
	A	397	336	---	---									
	B	1338	1151	---	---									

CF - Consult Factory

Tandem or double stack units are available. Ratings are twice the values given for above single stack units. Weights given are for a Single Stack Unit. For double stack units see page 16 at http://www.forcecontrol.com/images/downloads/eCatalogs/APC_2011_Section_16.pdf.

POSISTOP FOOT MOUNTED DIMENSIONS (MODEL 03-20)

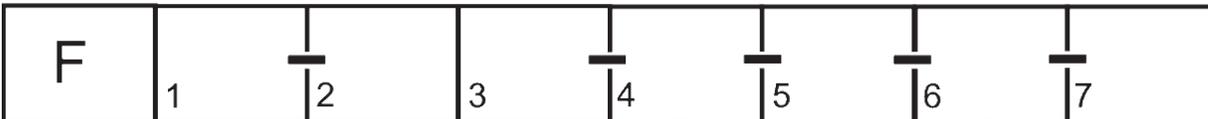


Size	Foot Mounting Dimensions (Ins.)									Overall Length				Shaft Diameter (Ins.)			Port (NPT)-AA	
	A	D	E	2Fs*	2Ft*	G	H	O	BSV	Single Shaft		Double Shaft		a/Fa	U/FU	V/FV	bot	top
										C1s*	C1t*	C2s	C2t					
03	10.25	4.50	3.31	6.50	9.13	0.50	0.44	10.38	5.19	13.25	15.88	16.88	19.51	5/16 x 5/32	1 3/8	3.50	1/4	1/4
05	10.25	6.50	3.50	9.09	12.02	0.75	0.56	12.38	5.75	16.50	19.42	20.59	23.52	3/8 x 3/16	1 5/8	4.00	1/4	1/4
10	12.50	6.50	3.50	12.69	16.56	1.00	0.75	13.63	5.50	19.75	23.62	23.69	27.56	3/8 x 3/16	1 3/4	3.75	1/4	1/4
11	12.62	6.50	4.75	12.69	16.56	1.00	0.75	14.50	6.75	21.00	24.88	26.19	30.06	5/8 x 5/16	2 3/8	5.00	1/4	1/4
14	14.00	6.50	4.75	13.04	17.50	1.00	0.75	15.21	6.75	21.38	25.85	26.54	31.00	5/8 x 5/16	2 3/8	4.43	1/4	1/4
20	17.50	9.00	5.75	16.78	21.50	1.38	0.88	19.00	7.38	26.75	31.50	31.54	36.26	5/8 x 5/16	2 3/4	4.75	3/8	1/2

* "S" denotes a Single Stack Unit

* "t" denotes a Tandem Stack Unit

POSISTOP FOOT MOUNTED—HOW TO ORDER



(1) Logic

S	=Air Set Brake-Spring Release
A	=Medium Spring Set Brake - Air Release
B	=Heavy Spring Set Brake - Air Release

(5) Shaft Options

1	=Single Shaft
2	=Tandem Stack

(7) Cooling

1	=Basic (Radiant)
5	=Fan Cooling

(2)(3) Size

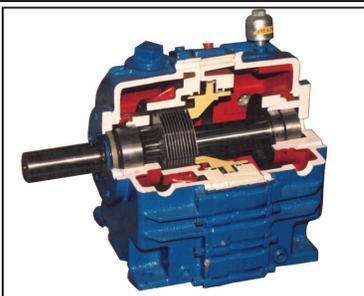
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0 5	=05
1 0	=10
1 1	=11
1 4	=14
2 0	=20

(4) Type

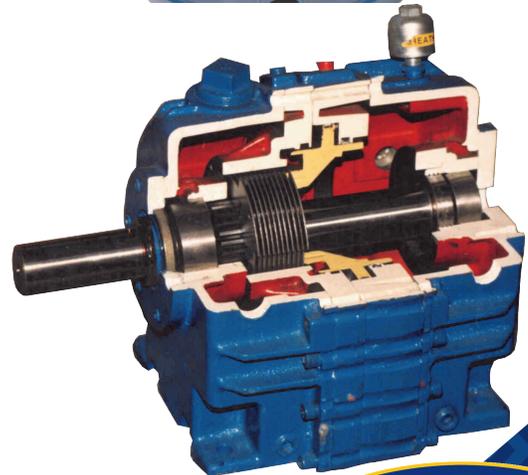
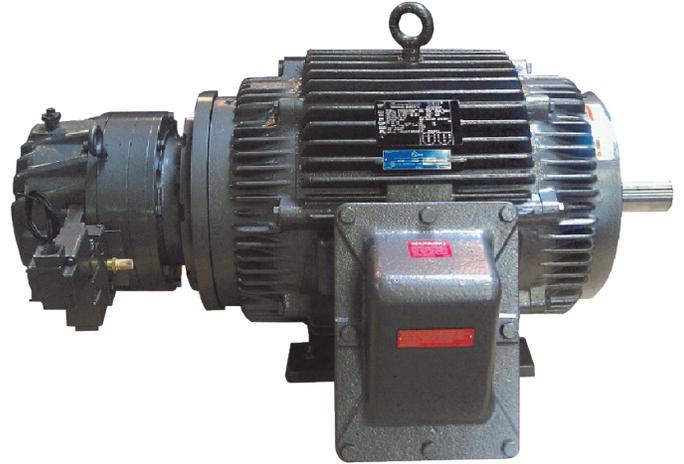
S	=Single Stack
T	=Tandem Stack

(6) Mounting Position

H	=Horizontal
D	=Vertical Shaft Down
U	=Vertical Shaft Up
L	=Wall on Left Viewing Input Shaft
R	=Wall on Right Viewing Input Shaft



POSISTOP OIL SHEAR BRAKES



WORLD WIDE LEADER IN OIL SHEAR TECHNOLOGY



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