



See tables for individual component information

Angle Mount Bracket (MS1)



Part Number	Bore Size	Bolt Size	Torque
LBQ540x2	1½"	Head - ¼ -28 SHCS x 7/8" Long Cap - ¼ -28 SHCS x 5/8" Long	57 in-lbs.
LBQ550x2	2"	Head - 5/16 - 24 SHCS x 15/16" Long Cap - 5/16 - 24 SHCS x 5/8" Long	86 in-lbs.
LBQ563x2	2½"		
LBQ580x2	3¼"	Head - 3/8 - 24 SHCS x 1 3/8" Long Cap - 3/8 - 24 SHCS x 3/4" Long	157 in-lbs.
LBQ5100x2	4"		



Front or Rear Flange Mount (MF1 or MF2)

Part Number	Bore Size	Bolt Size		Torque
		MF1	MF2	
FACQ540	1½"	¼ - 28 BHCS x 5/8" Long		57 in-lbs.
FACQ550	2"	5/16 - 24 BHCS x 5/8" Long		86 in-lbs.
FACQ563	2½"			
FACQ580	3¼"	3/8 - 24 BHCS x 7/8" Long		157 in-lbs.
FACQ5100	4"			

Rear Pivot Mount (MP4)



Part Number	Bore Size	Bolt Size	Torque
CAQ540	1½"	¼ - 28 SHCS x 3/4" Long	57 in-lbs.
CAQ550	2"	5/16 - 24 SHCS x 3/4" Long	86 in-lbs.
CAQ563	2½"		
CAQ580	3¼"	3/8 - 24 SHCS x 1 1/8" Long	157 in-lbs.
CAQ5100	4"		

Note: Pin not included

Rear Clevis Mount (MP1)



Part Number	Bore Size	Bolt Size	Torque
CBQ540	1½"	¼ - 28 SHCS x 3/4" Long	57 in-lbs.
CBQ550	2"	5/16 - 24 SHCS x 3/4" Long	86 in-lbs.
CBQ563	2½"		
CBQ580	3¼"	3/8 - 24 SHCS x 1" Long	157 in-lbs.
CBQ5100	4"	3/8 - 24 SHCS x 1 1/8" Long	

Note: Pin not included

Rear Clevis Mount (MP2)



Part Number	Bore Size	Bolt Size	Torque
CB2Q540	1½"	¼ - 28 SHCS x 3/4" Long	57 in-lbs.
CB2Q550	2"	5/16 - 24 SHCS x 3/4" Long	86 in-lbs.
CB2Q563	2½"		
CB2Q580	3¼"	3/8 - 24 SHCS x 1" Long	157 in-lbs.
CB2Q5100	4"	3/8 - 24 SHCS x 1 1/8" Long	

Note: Pin not included

Rod Accessories



Part Number	Description	Thread Size	Torque
YQ540	Rod clevis	7/16-20 UNF	40 ft-lbs.
YQ580		3/4-16 UNF	125 ft-lbs.
IQ540	Rod pivot	7/16-20 UNF	40 ft-lbs.
IQ580		3/4-16 UNF	125 ft-lbs.

Note: 7/16-20 thread size fits 1-1/2", 2" and 2-1/2" bore cylinders.
3/4-16 thread fits 3-1/4" and 4" bore cylinders.
Pin not included

Clevis Pins



Part Number	Description	Thread Size	Torque
PINQ5401P	Clevis pin	7/16-20 UNF	40 ft-lbs.
PINQ5801P		3/4-16 UNF	125 ft-lbs.

Seal Kits



Part Number	Bore Size
PSMCQN40	1½"
PSMCQN50	2"
PSMCQN63	2½"
PSMCQN80	3¼"
PSMCQN100	4"

Number	Part Name	Material	Quantity	
			ø40~ø63	ø80~ø100
1	Rod packing	NBR	1	
2	Piston packing	NBR	1	
3	O-ring	NBR	1	
4	O-ring	NBR	2	
5	O-ring	NBR	2	
6	Cushion packing	NBR	2	
7	Rod cover	Aluminum alloy	1	
8	Head cover	Aluminum alloy	1	
9	Piston-R	Aluminum alloy	1	
10	Piston-H	Aluminum alloy	1	
11	Bushing	Bearing alloy	1	
12	Magnet ring	Magnet material	1	
13	Tie rod nut	Carbon steel	8	
14	Washer	Carbon steel	8	-
15	Rod nut	Carbon steel	1	
16	Washer	Carbon steel	1	
17	Needle valve	Copper alloy	2	
18	Needle valve washer	Spring steel	2	
19	Wear ring	Resin	1	
20	Bolt	Carbon steel	1	
21	Cylinder tube	Aluminum alloy	1	
22	Piston rod	Carbon steel	1	
23	Tie rod	Carbon steel	4	

NOTES:

- Items 1 through 6 are included in the seal kit
- During disassembly, pay close attention to orientation of the seals so the new seals can be installed correctly
- Apply a coat of lithium soap based grease to the newly-installed seals to prevent damage while reassembling the cylinder and to provide lubrication to the cylinder
- Alternate tightening tie-rods to evenly torque to the provided torque guidelines.

Bore	Torque
1½"	7 ft-lbs
2"	15 ft-lbs
2½"	15 ft-lbs
3¼"	30 ft-lbs
4"	30 ft-lbs

