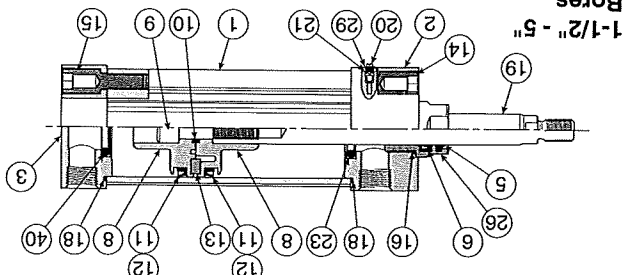


*Does not include
 Head Cushion Kit
 (not available)

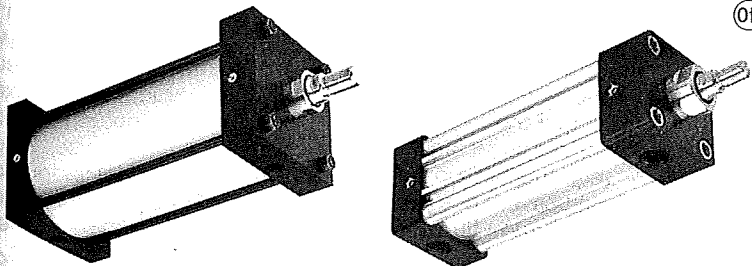
Bore Size	Rod Dia.	Rod No.	Nitrile Seals		Fluorocarbon Seals		Kit Number	USA	Metric	Endcap Fastener or Tie Rod Torque Units
			Kit Number	USA	Kit Number	Metric				
1-1/2	5/8	1	SK15104MA1	40 - 45	SK15104MA1	40 - 45	SK15304MA5*	45 - 50	61 - 68	32 - 36
			SK20104MA1	40 - 45	SK20104MA1	40 - 45	SK20304MA5	45 - 50	61 - 68	
2	5/8	1	SK20104MA1	40 - 45	SK20104MA1	40 - 45	SK20304MA5	45 - 50	61 - 68	72 - 82
			SK25104MA1	40 - 45	SK25104MA1	40 - 45	SK25304MA5	45 - 50	61 - 68	
2-1/2	1	3	SK25304MA1	45 - 50	SK25304MA1	45 - 50	SK25304MA5	45 - 50	61 - 68	72 - 82
			SK322104MA1	45 - 50	SK322104MA1	45 - 50	SK32304MA5	45 - 50	61 - 68	
3-1/4	1	3	SK40104MA1	45 - 50	SK40104MA1	45 - 50	SK40104MA5	45 - 50	61 - 68	216 - 228
			SK40304MA1	45 - 50	SK40304MA1	45 - 50	SK40304MA5	45 - 50	61 - 68	
4	1-3/8	3	SK50104MA1	45 - 50	SK50104MA1	45 - 50	SK50104MA5	45 - 50	61 - 68	360 - 372
			SK60104MA1	45 - 50	SK60104MA1	45 - 50	SK60304MA5	45 - 50	61 - 68	
5	1-3/8	3	SK60104MA1	45 - 50	SK60104MA1	45 - 50	SK60304MA5	45 - 50	61 - 68	41 - 42
			SK60304MA1	45 - 50	SK60304MA1	45 - 50	SK60304MA5	45 - 50	61 - 68	
6	1-3/4	3	SK80104MA1	75 - 80	SK80104MA1	75 - 80	SK80104MA5	75 - 80	102 - 108	420 - 432
			SK80304MA1	75 - 80	SK80304MA1	75 - 80	SK80304MA5	75 - 80	102 - 108	
8	1-3/4	1	SK80104MA1	75 - 80	SK80104MA1	75 - 80	SK80104MA5	75 - 80	102 - 108	960 - 972
			SK80304MA1	75 - 80	SK80304MA1	75 - 80	SK80304MA5	75 - 80	102 - 108	

Symbol	Description
1	Cylinder body
2	Head
3	Cap
5	Rod wiper
6	Rod seal
8	Piston (composite or aluminum)
9	Piston fastener (only for composite piston)
10	O-ring - piston fastener to piston
11	Piston seal (lipseal)
12	Piston seal (Bumper seal option)
13	Magnetic ring
14	Head fastener
15	Cap fastener
16	O-ring - gland to head
18	O-ring - cylinder body to head & cap
19	Piston rod
20	Cushion needle valve
21	O-ring - cushion needle valve
22	Cushion needle valve retainer (6" & 8")
23	Cushion check seal - head
24	Tie rod nut (6" & 8" bore or Style DD mounts)
25	Head cushion sleeve
26	Gland
27	Wear band (aluminum and 4" & 5" composite pistons)
28	Tie rod (6" & 8" bore or Style DD mounts)
29	Retaining washer
40	Cushion check seal - cap

Symbol Legen
Bores


- Fluorocarbon -10°F to +250°F (-23°C to +121°C)
- Nitrile -10°F to +165°F (-23°C to +74°C)

Pneumatic service only

4MA Complete Cylinder Kits
 (All parts to service entire cylinder)

Air Cylinders
 4MA Series

Maintenance Section - 4MA Cylinder Kit

Servicing the complete cylinder

This kit offers all parts to service an entire 4MA cylinder with the standard rod gland and standard piston lipseals. Kits are available with Nitrile or Fluorocarbon seals.

This kit is a combination of the Standard Gland Kit, Standard Piston Seal Kit, Head Cushion Kit and Cap Cushion Kit. The kits can service cylinders with either the composite or aluminum piston (lipseal). Depending on cylinder configuration, some parts may not be used. Please refer to the pages or bulletins of these individual kits for service instructions.

1 tube of Lube-A-Cyl is also included with each SK kit.

