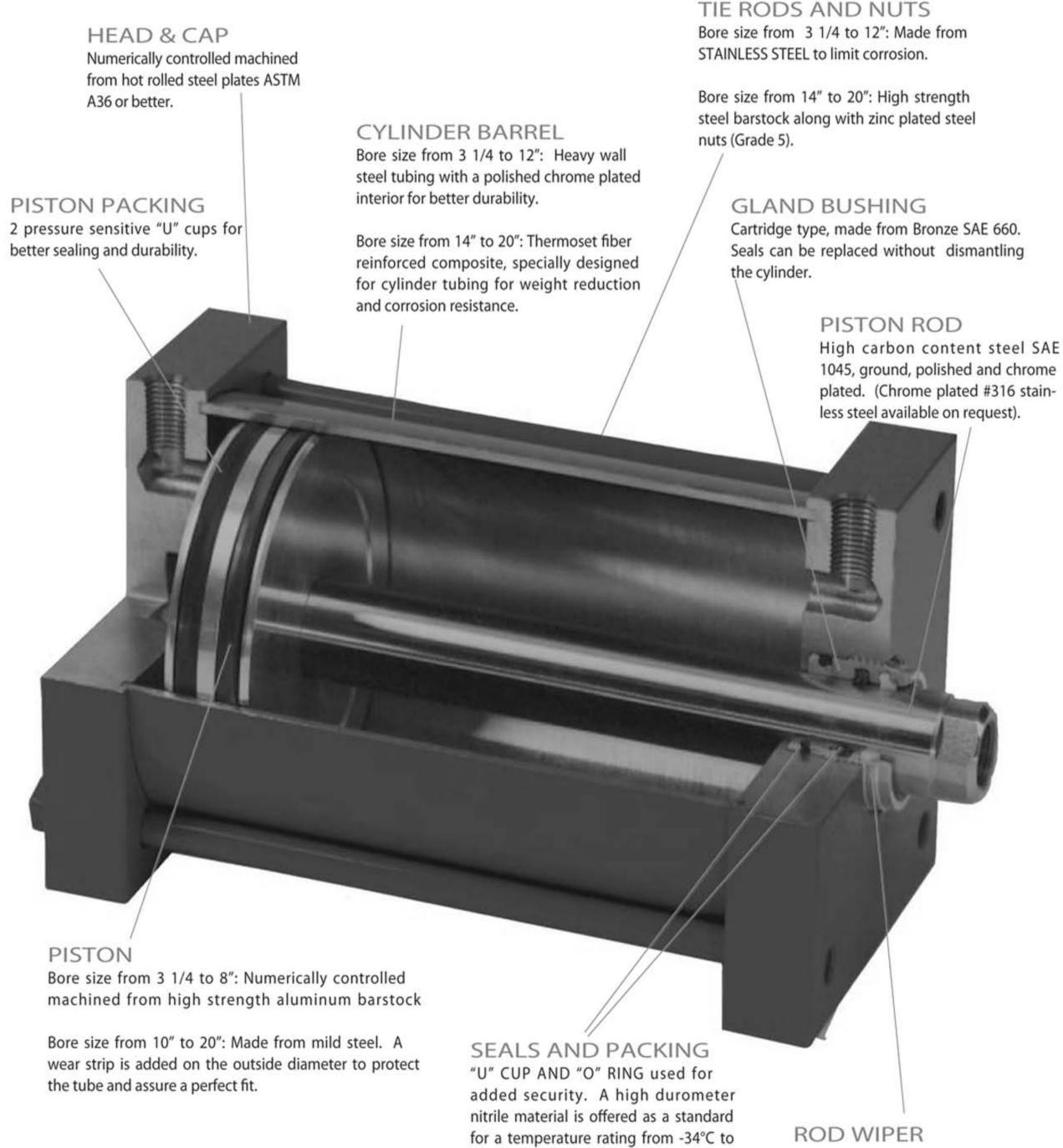


PNEUMATIC CYLINDERS FOR VALVE ACTUATION



120°C (-30°F to 250°F). For tempera-

ture range up to 250°C (450°F), fluoro-

carbon (viton) seals and packings are

available

PISTON WEAR STRIP

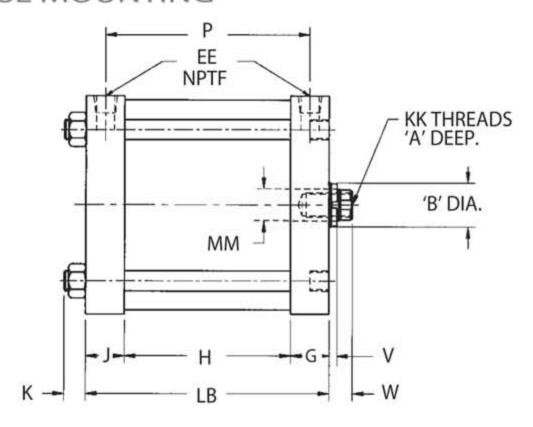
Bore size from 10" to 20": It consists of a teflon tape filled with particles of bronze and glass, for smoother piston operation.

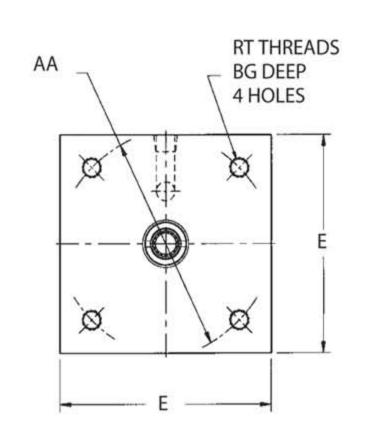
Stops dust and other particles from entering into the cylinder. Standard material is polyurethane. It can be replaced by fluorocarbon (viton) for higher temperature applications.





BASE MOUNTING





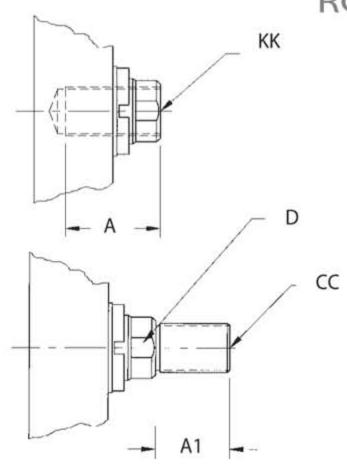
DIMENSIONS (IN.)

DODE	MM	KK				D.C.	_	EE	_		V.	RT	v		ADD STROKE		
BORE	ROD	UNF	A	AA	В	BG	E	NPTF	G	,	K	UNF	V	W	LB	Н	Р
31/4	1	5/8 - 18	11/2	3.900	1.375	5/8	3 3/4	1/4	1	1	3/8	3/8 - 24	1/4	3/4	3	1	2
4	1	5/8 - 18	11/2	4.700	1.375	5/8	4 1/2	1/4	1	1	3/8	3/8 - 24	1/4	3/4	3	1	2
5	1	5/8 - 18	11/2	5.800	1.375	1/2	5 1/2	1/4	1	1	1/2	1/2 - 20	1/4	3/4	3 1/8	1 1/8	2 1/8
6	1	5/8 - 18	11/2	6.900	1.375	1/2	6 1/2	1/4	1	1	1/2	1/2 - 20	1/4	3/4	3 1/8	1 1/8	2 1/8
7	1	5/8 - 18	11/2	8.100	1.375	5/8	7 1/2	3/8	11/4	11/4	5/8	5/8 - 18	1/4	3/4	3 3/4	1 1/4	2 1/2
8	1	5/8 - 18	11/2	9.100	1.375	5/8	8 1/2	3/8	11/4	11/4	5/8	5/8 - 18	1/4	3/4	3 3/4	1 1/4	2 1/2
10	13/8	1 - 14	2	11.200	1.875	3/4	10 5/8	3/8	11/2	11/2	3/4	3/4 - 16	5/16	1	4 3/4	1 3/4	3 1/4
12	13/8	1 - 14	2	13.300	1.875	3/4	12 3/4	1/2	11/2	11/2	3/4	3/4 - 16	5/16	1	4 3/4	1 3/4	3 1/4
14	13/8	1 - 14	2	15.400	1.875	7/8	14 3/4	1/2	13/41	13/41	7/8	7/8 - 14	5/16	1	5 1/2	2	3 3/4
16	2	1 1/2-12	21/2	17.800	2.500	1-1	17	1/2	3/4	3/4	1	-	3/8	11/2	5 5/8	2 1/8	3 7/8
18	2	1 1/2 -12	21/2	20.000	2.500	1.5	19	3/4	13/4	13/4	1 1/8	Ŧ	3/8	11/2	5 7/8	2 3/8	4 1/8
20	2	1 1/2 -12	21/2	22.300	2.500		21	3/4	13/4	13/4	11/4	E.	3/8	11/2	6 1/8	2 5/8	4 3/8

ROD THREADS

TYPE -4-Female threads (standard)

TYPE -1-Male threads (optionnal)



DIMENSIONS (IN.)

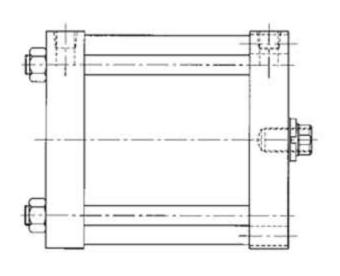
ROD SIZE	A1	CC UNF-2A	D	Α	KK UNF-2B
1	1 1/8	3/4 - 16	7/8	1 1/2	5/8- 18
1 3/8	15/8	1 - 14	1 1/8	2	1 - 14
2	21/4	1 1/2 - 12	1 11/16	2 1/2	11/2 - 12

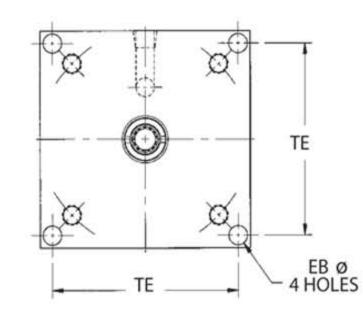
Consult factory for special rod ends.



OPTIONAL MOUNTINGS

SQUARE HEAD MOUNTING BORE SIZE: 7" TO 20" ONLY

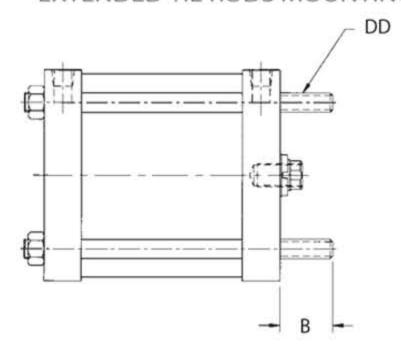


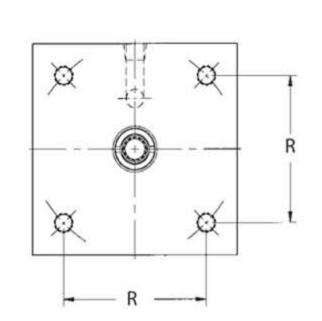


BORE	EB	TE	ВВ	DD UNF	R		
3 1/4	-	Œ	1 3/8	3/8 – 24	2.76		
4	=	19	1 3/8	3/8 – 24	3.32		
5	-	-	1 3/4	1/2 – 20	4.10		
6	-	-	1 3/4	1/2 – 20	4.88		
7	9/16	6.75	2	5/8 – 18	5.73		
8	11/16	7.57	2	5/8 – 18	6.44		
10	13/16	9.40	2 1/4	3/4 – 16	7.92		
12	13/16	11.10	2 1/4	3/4 – 16	9.40		
14	15/16	12.87	2 1/2	7/8 – 14	10.90		
16	1 1/16	14.85	2 3/4	1 – 14	12.59		
18	1 3/16	16.69	3 1/4	1 1/8 - 12	14.14		
20	1 5/16	18.46	3 1/4	1 1/4 - 12	15.77		

Consult factory for special mountings.

EXTENDED TIE RODS MOUNTING





VALVE MOUNTINGS, OPTIONS AND ACCESSORIES

