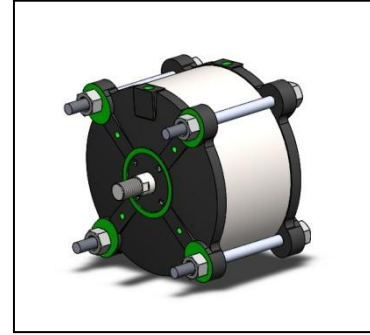


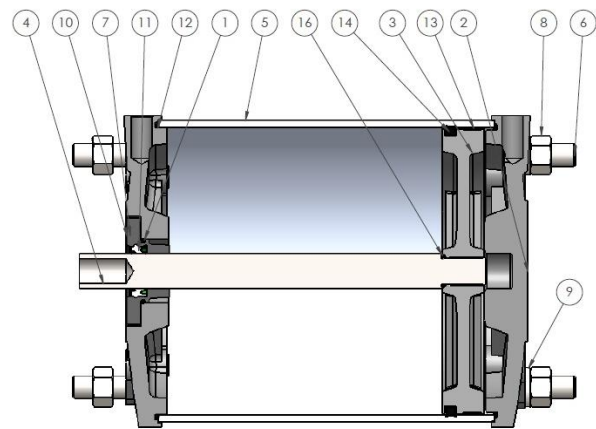
KG Series – Knife Gate Cylinder

- Cylinder Suitable for knife gate valve application.
- Tie Rod extension on front side for easy mounting on the knife gate valve.
- Bore Size Ø4" to Ø14"
- The Rod cum Wiper seal is completely self compensating for zero leakage at all pressure.



PART LIST

ITEM NO.	DESCRIPTION	QTY.
1	FRONT COVER	1
2	REAR COVER	1
3	PISTON	1
4	PISTON ROD	1
5	TUBE	1
6	TIE ROD	4
7	GLAND	1
8	TIE ROD NUT	8
9	WASHER	4
10	GLAND SCREW	4
11	ROD CUM WIPER SEAL	1
12	O' RING	2
13	WEAR STRIP	1
14	QUAD RING	1
15	O' RING	1
16	O' RING	1



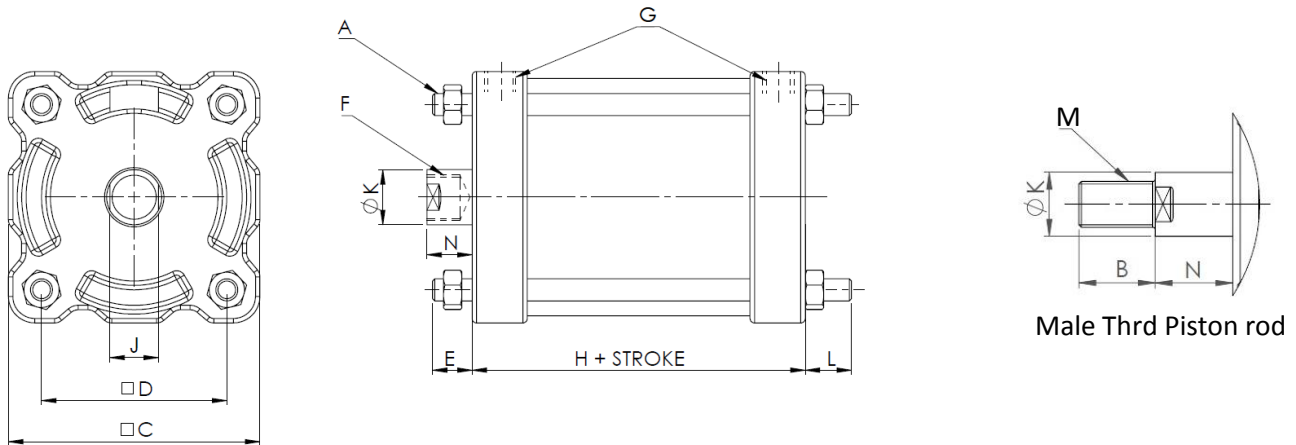
Seal Kit consist of item 11, 12,14,15,16

SPECIFICATION

Medium	Compressed Air, Filtered (Lubricated or Unlubricated)
Design	Pneumatic piston with non cushioning cylinder
Max. Operating Pressure	Max air pressure 10 bar (150 PSI) Max. Temperature 85°C
MOC	1. End Cap : SG Iron 2. Piston Rod : SS420 / SS304 3. Piston : SG Iron / Carbon Steel 4. Seals : NBR /Viton (Optional) 5. Barrel: Aluminum / Carbon Steel (ID Hard Chrome Plated) 6. Tie Rod : SS 410
Stroke	As required with max. 26 inch

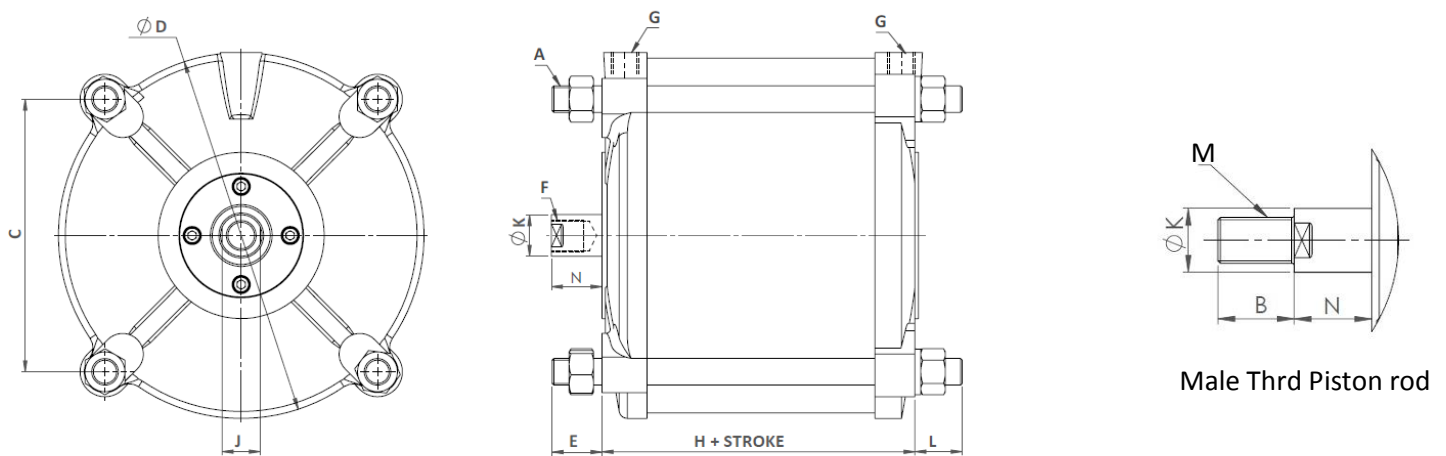
BASIC CYLINDER DIMENSIONS:

Ø 4 Inch to Ø 5 Inch



BORE SIZE	A	C	D	E*	M Male Thrd	F Female Thrd	G*	L*	J	K	H	N*	B*
							NPT						
Ø 4 "	M10	114	84	25	7/8"-14	3/4"-16	3/8	25	22	25	92	19	28
Ø 5 "	M12	140	104	25	7/8"-14	3/4"-16	3/8	25	22	25	94	19	28

Ø 6 Inch to Ø14 Inch

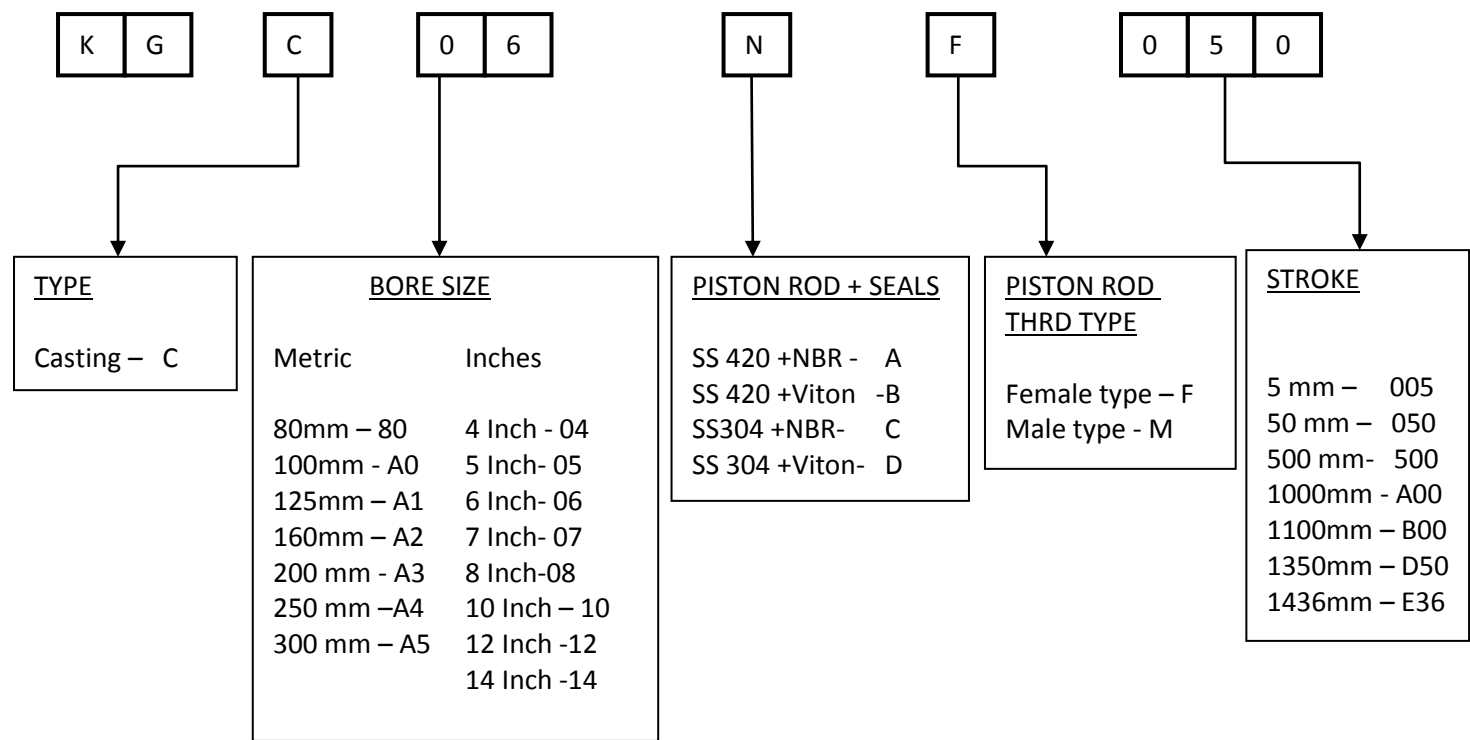


BORE SIZE	A	C	D	E*	M Male	F Female	G*	L*	J	K	H	N*	B*
							NPT						
Ø 6 "	M12	124	165	25	7/8"-14	3/4"-16	3/8	25	22	25	86	22	28
Ø 7 "	M16	145.5	190	25	7/8"-14	3/4"-16	3/8	25	22	25	90	22	28
Ø 8 "	M16	164	220	25	7/8"-14	3/4"-16	3/8	25	22	25	90	22	28
Ø 10 "	M20	201	285	25	7/8"-14	3/4"-16	1/2	25	22	25	100	25	28
Ø 12 "	M20	239	320	25	1 1/4"-12	1"-14	1/2	25	38	40	106	25	41
Ø 14 "	M22	277	380	25	1 1/4"-12	1"-14	3/4	25	38	40	123	25	41

NOTE:

- '*' Dimensions can be varied as per customer's requirement
- For customized size please contact our sales person.

ORDERING INFORMATION:



Example:

- 1. 7” bore and 300mm stroke cylinder with,NBR seals and female type SS 420 Piston rod: “KGC07AF300”