



Stainless Steel-Body Air Cylinders

- Max. operating pressure: 250 psi (17.23 bar)
- Operating temp. range: -10° to 165°F

Can tolerate moisture and many types of lubricants and solvents. For use where magnetic sensing piston is not required. Interchangeable with Binma, Parker, SMC, Norgren, and other major manufacturers' cylinders.

Note: 6"-stroke models also available on Grainger.com.

Bore Dia.	Stroke	Single Acting Nose Mount Item No.	Double Acting Pivot Mount Item No.	Double Acting Nose Mount Item No.	Single Acting Pivot Mount Item No.	Double Acting Double End Mount Item No.
1/8 in	1 in	6CPY9	—	6CPV3	6CPZ8	6CZW9
	2 in	6CPZ0	—	6CPV4	6CPZ9	—
	3 in	6CPZ1	—	6CPV5	6CRA0	6CZX1
	4 in	—	—	6CPV6	—	6CZX2
1/4 in	1 in	5ZEG7	5ZED0	5MMF5	—	—
	2 in	5ZEG9	—	5MMF6	5ZEK9	—
	3 in	5ZEH0	5ZED2	5MMF7	5ZEL0	—
	4 in	5ZEH1	5ZED3	5MMF8	5ZEL1	6CZX4
3/8 in	1 in	5ZEH2	5ZED4	5MMF9	5ZEL2	6CZX5
	2 in	5ZEH3	5ZED5	5MMG0	5ZEL3	6CZX6
	3 in	5ZEH4	5ZED6	5MMG1	5ZEL4	6CZX7
	4 in	5ZEH6	—	5MME8	5ZEL5	5MMA8
1/2 in	1 in	5ZEH7	6CPX7	5MME9	5ZEL6	5MMA9
	2 in	5ZEH8	6CPX8	5MMF1	5ZEL7	5MMC0
	3 in	5ZEH9	6CPX9	5MMF2	5ZEL9	5MMC2
	4 in	5ZEL1	6CPY0	5MMF3	5ZEN0	5MMC3
5/8 in	1 in	5ZEL2	6CPY1	5MMF4	—	6CZX9
	2 in	5ZEL3	5ZED7	5MMG3	5ZEN1	5MMC4
	3 in	5ZEL4	5ZED8	5MMG4	5ZEN2	5MMC5
	4 in	5ZEL5	5ZED9	5MMG5	5ZEN3	5MMC6
3/4 in	1 in	—	5ZEE1	5MMG7	—	5MMC8
	2 in	6CPZ2	—	6CPV8	6CRA1	6CZY1
	3 in	6CPZ3	—	6CPV9	6CRA2	6CZY2
	4 in	6CPZ4	—	6CPW0	6CRA3	6CZY3
7/8 in	1 in	—	—	6CPW1	—	6CZY4
	2 in	—	—	6CPW2	—	6CZY5
	3 in	5ZEJ6	5ZEE3	5MMG9	5ZEN4	5MMD0
	4 in	5ZEJ7	5ZEE4	5MMH0	5ZEN5	5MMD1
1 1/8 in	1 in	5ZEJ8	5ZEE5	5MMH1	5ZEN6	5MMD2
	2 in	—	5ZEE6	5MMH2	—	5MMD3
	3 in	—	5ZEE7	5MMH3	—	5MMD4
	4 in	—	5ZEE8	5MMH5	6CRA4	6CZY7
1 1/4 in	1 in	5ZEK0	5ZEF0	5ZDZ7	6CRA5	6CZY8
	2 in	5ZEK1	5ZEF1	5ZDZ8	6CRA6	6CZY9
	3 in	—	5ZEF2	5ZDZ9	—	6CZZ0
	4 in	5ZEA0	5ZEF3	—	—	6CZZ1
1 1/2 in	1 in	5ZEK2	5ZEF5	5ZEA2	5ZEN7	5MMD6
	2 in	5ZEK3	5ZEF6	5ZEA3	5ZEN8	5MMD7
	3 in	5ZEK4	5ZEF7	5ZEA4	5ZEN9	5MMD8
	4 in	—	5ZEF8	5ZEA5	—	5MMD9
1 3/4 in	1 in	—	5ZEF9	5ZEA6	—	5MME0
	2 in	6CPZ5	—	6CPW4	6CRA7	6CZZ3
	3 in	6CPZ6	—	6CPW5	6CRA8	6CZZ4
	4 in	6CPZ7	—	6CPW6	6CRA9	6CZZ5
2 in	1 in	—	—	6CPW7	—	6CZZ6
	2 in	5ZEK5	5ZEG1	5ZEA8	—	6CZZ9
	3 in	5ZEK6	5ZEG2	5ZEA9	—	6DA00
	4 in	5ZEK7	5ZEG3	5ZEC0	—	6DA01
2 1/2 in	1 in	—	5ZEG4	5ZEC1	—	6DA02
	2 in	6CRC1	5ZEG5	5ZEC2	—	6DA03
	3 in	—	—	5ZEC4	—	5MME2
	4 in	—	—	5ZEC5	—	5MME3
3 in	1 in	—	—	5ZEC6	—	5MME4
	2 in	—	—	5ZEC7	—	6CPY6
	3 in	—	—	5ZEC8	—	6CPY7
	4 in	—	—	6CPX0	—	6DA05
3 1/2 in	1 in	—	—	6CPX1	—	6DA06
	2 in	—	—	6CPX2	—	6DA07
	3 in	—	—	6CPX3	—	6DA08
	4 in	—	—	6CPX4	—	6DA09

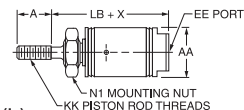
Mount Type	Fits	Item No.
Cylinder Mounting Hardware	1/8 in Bore, 1/8 in Bore	5VKW6
	3/8 in Bore	5VKW5
	1 1/8 in Bore, 3/4 in Bore, 1/2 in Bore	5VKV8
	1 1/2 in Bore, 1 1/4 in Bore	5VKW1
Foot Bracket	2 in Bore	5VKV5
	1/8 in Bore	5VKW7
	7/8 in, 1 1/8 in	5VKW9
	1 1/2 in Bore, 3/4 in Bore, 1/2 in Bore	5VKV9
Pivot Bracket	1 1/2 in Bore	5VKW3
	2 in, 2 1/2 in	5VKV6
	7/8 in Bore, 3/8 in Bore	5VKW8
	3/4 in Bore, 1/2 in Bore	5VKW0
Rod Clevis	1 1/8 in Bore	5VKW2
	1 1/2 in Bore, 1 1/4 in Bore	5VKW4
	1 3/4 in Bore, 2 in Bore, 2 1/2 in Bore	5VKV7

SPECIFICATION TABLES

Please match the tables below with the corresponding columns in the primary table to the left



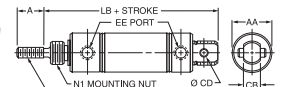
**Single-Acting
Nose Mount**



Bore Dia.	A	AA	EE	KK	N1	LB	(X) Additional Length when Single Acting
Single-Acting Nose Mount							
1/8	0.38	0.36	10-32	#5-40 UNC	1/4-28	1.12	0.75" per 1/2" Stroke
1/4	0.5	0.5	10-32	#10-32 UNF	3/8-24	1.31	0.94" per 1/2" Stroke
3/8	0.5	0.62	10-32	#10-32 UNF	1/2-20	1.53	1.62" per 1" Stroke
1/2	0.5	0.81	1/2 NPTF	1/4-28 UNF	1/2-20	1.5	1.69" per 1" Stroke
3/4	0.5	0.93	1/2 NPTF	1/4-28 UNF	3/8-18	1.84	1.56" per 1" Stroke
1 1/8	0.5	1.12	1/2 NPTF	3/8-24 UNF	3/8-18	2.06	1.56" per 1" Stroke
1 1/4	0.75	1.34	1/2 NPTF	1/2-20 UNF	3/4-16	2.66	1.81" per 1" Stroke
1 1/2	0.75	1.56	1/2 NPTF	1/2-20 UNF	3/4-16	2.44	1.69" per 1" Stroke
1 3/4	0.88	1.84	1/4 NPTF	1/2-20 UNF	1-14	2.97	2.0" per 1" Stroke
2	0.88	2.08	1/4 NPTF	1/2-20 UNF	1 1/4-12	—	5.41" For 1" Stroke 7.41" For 2" Stroke 8.66" For 3" Stroke



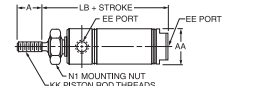
**Double-Acting
Pivot Mount**



Bore Dia.	A	AA	EE	KK	LB	N1	AA	CB	CD
Double-Acting Pivot Mount									
1/8	0.5	10-32	#10-32 UNF	2.81	1/2-20	0.74	0.31	0.157	0.157
1/4	0.5	10-32	10-32 UNF	2.75	1/2-20	0.62	0.31	0.157	0.157
3/8	0.5	1/2 NPTF	1/4-28 UNF	4.03	3/8-18	0.86	0.38	0.251	0.251
1/2	0.5	1/2 NPTF	3/8-24 UNF	4.12	3/8-18	1.12	0.38	0.251	0.251
3/4	0.75	1/2 NPTF	1/2-20 UNF	5.12	3/4-16	1.34	0.5	0.251	0.251
1 1/8	0.75	1/2 NPTF	1/2-20 UNF	4.75	3/4-16	1.56	0.62	0.376	0.376
1 1/4	0.88	1/4 NPTF	1/2-20 UNF	6.06	1 1/4-12	2.08	0.75	0.376	0.376



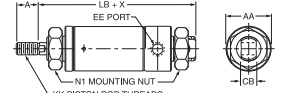
**Double-Acting
Nose Mount**



Bore Dia.	A	AA	EE	KK	LB	N1
Double-Acting Nose Mount						
1/8	0.38	0.5	10-32	#5-40 UNC	1.64	3/8-24
1/4	0.5	0.74	10-32	#10-32 UNF	2.12	1/2-20
3/8	0.5	0.62	10-32	#10-32 UNF	2.28	1/2-20
1/2	0.5	0.86	1/2 NPTF	1/4-28 UNF	2.97	3/8-18
3/4	0.5	0.93	1/2 NPTF	1/4-28 UNF	2.94	3/8-18
1 1/8	0.5	1.12	1/2 NPTF	3/8-24 UNF	3.25	3/8-18
1 1/4	0.75	1.34	1/2 NPTF	1/2-20 UNF	4	3/4-16
1 1/2	0.75	1.56	1/2 NPTF	1/2-20 UNF	3.69	3/4-16
1 3/4	0.88	1.84	1/4 NPTF	1/2-20 UNF	4.69	1-14
2	0.88	2.08	1/4 NPTF	1/2-20 UNF	4.69	1 1/4-12
2 1/2	0.88	2.62	1/4 NPTF	1/2-20 UNF	4.69	1 3/8-12
3	1.25	3.16	3/8 NPTF	3/8-18 UNF	5.25	1 1/2-12



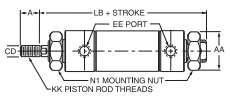
**Single-Acting
Pivot Mount**



Bore Dia.	A	AA	CB	EE	KK	N1	LB	(X) Additional Length when Single Acting
Single-Acting Pivot Mount								
1/8	0.38	0.39	0.25	10-32	#5-40 UNC	3/8-24	1.68	0.75" per 1" Stroke
1/4	0.5	0.74	0.31	10-32	#10-32 UNF	3/8-24	2	0.94" per 1" Stroke
3/8	0.5	0.62	0.31	10-32	#10-32 UNF	1/2-20	2	1.62" per 1" Stroke
1/2	0.5	0.86	0.38	1/2 NPTF	1/4-28 UNF	1/2-20	2.56	1.69" per 1" Stroke
3/4	0.5	0.93	0.38	1/2 NPTF	1/4-28 UNF	3/8-18	2.75	1.56" per 1" Stroke
1 1/8	0.5	1.12	0.38	1/2 NPTF	3/8-24 UNF	3/8-18	2.94	1.56" per 1" Stroke
1 1/4	0.75	1.34	0.5	1/2 NPTF	1/2-20 UNF	3/4-16	3.78	1.81" per 1" Stroke
1 1/2	0.75	1.56	0.62	1/2 NPTF	1/2-20 UNF	3/4-16	3.5	1.81" per 1" Stroke
1 3/4	0.88	1.84	0.62	1/4 NPTF	1/2-20 UNF	1-14	4.53	2.00" per 1" Stroke



**Double-Acting
Double End Mount**



Bore Dia.	A	AA	EE	KK	LB	N1
Double-Acting Double End						
1/8	0.38	0.5	10-32	#5-40 UNC	2.19	3/8-24
1/4	0.5	0.74	10-32	#10-32 UNF	2.81	1/2-20
3/8	0.5	0.62	10-32	#10-32 UNF	2.75	1/2-20
1/2	0.5	0.86	1/2 NPTF	1/4-28 UNF	4.03	3/8-18
3/4	0.5	0.93	1/2 NPTF	1/4-28 UNF	3.84	3/8-18
1 1/8	0.5	1.12	1/2 NPTF	3/8-24 UNF	4.12	3/8-18
1 1/4	0.75	1.34	1/2 NPTF	1/2-20 UNF	5.12	3/4-16
1 1/2	0.75	1.56	1/2 NPTF	1/2-20 UNF	4.75	3/4-16
1 3/4	0.88	1.84	1/4 NPTF	1/2-20 UNF	6.25	1-14
2	0.88	2.08	1/4 NPTF	1/2-20 UNF	6.06	1 1/4-12
2 1/2	0.88	2.62	1/4 NPTF	1/2-20 UNF	6.06	1 3/8-12
3	1.25	3.16	3/8 NPTF	3/8-18 UNF	7.12	1 1/2-12