

More About Stainless Steel Nose-Mount and Pivot-Mount Air Cylinders

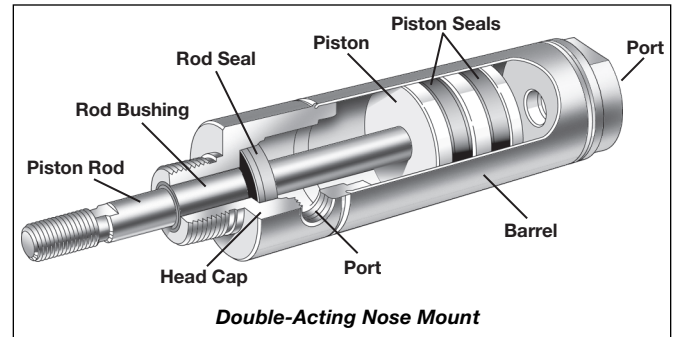
The entire cylinder *barrel* is Type 304 stainless steel. *Piston rod* is Type 303 stainless steel. *Piston* is solid aluminum Alloy 6061T6511 for maximum strength. *Piston seals* and *rod seal* are nitrile and are pressure energized. The *rod bushing* is an oil-impregnated sintered bronze that provides smooth performance. The *head cap* features double-rolled construction, providing added strength.

Single-Acting Cylinders with Spring Return

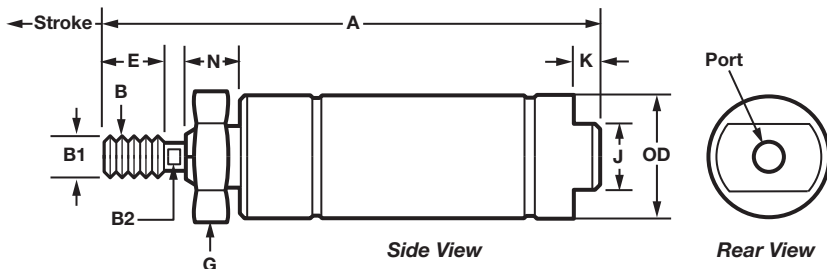
Spring-return cylinders have one port. *Nose-mount* have port located at the back end; *pivot-mount* have port on the side. Air pressure introduced into the cylinder through this port actuates the cylinder, extending the piston rod. When the air pressure is released, a spring returns the piston rod to its original retracted position.

Double-Acting Cylinders

Double-acting cylinders have two ports. Air pressure applied through the back port pushes the piston and extends the piston rod; pressure applied through the forward port pushes the piston back and retracts the piston rod.



Nose-Mount Single-Acting Cylinders with Spring Return



Bore Size	Port Size, Female	Rod, Thread Size (B)	Rod Dia. (B1)	Wd. Across Flats (B2)	Rod Thread Lg. (E)	Mounting Thread (G)	Across Nose Flats (J)	(K)	Mounting Thread Lg. (N)
7/16"	10-32 UNF	10-32	0.19"	—	0.50"	3/8"-24	0.38"	0.19"	0.31"
5/8"	10-32 UNF	10-32	0.19"	—	0.56"	3/8"-24	0.50"	0.16"	0.31"
3/4"	1/8" NPT	1/4"-28	0.25"	—	0.50"	1/2"-20	0.62"	0.19"	0.44"
1 1/16"	1/8" NPT	5/16"-24	0.31"	0.25"	0.50"	5/8"-18	0.88"	0.19"	0.50"
1 1/4"	1/8" NPT	7/16"-20	0.44"	0.38"	0.75"	3/4"-16	0.88"	0.25"	0.63"
1 1/2"	1/8" NPT	7/16"-20	0.44"	0.38"	0.75"	3/4"-16	0.88"	0.25"	0.63"
2"	1/4" NPT	1/2"-20	0.63"	0.50"	0.88"	1 1/4"-12	1.25"	0.31"	0.81"

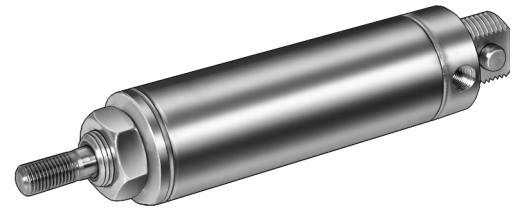
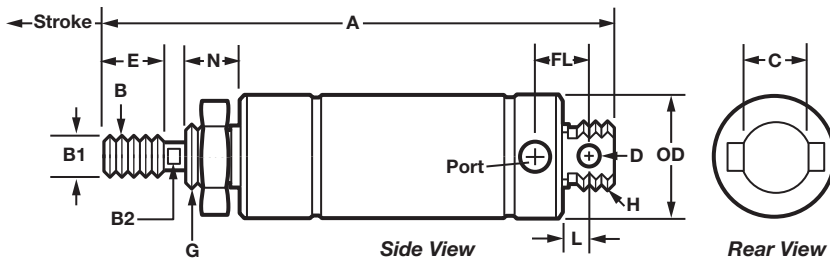
Bore Size	Stroke Length	Retracted Lg. (A)	OD	
7/16"	1/2"	2.75"	0.49"	6498K115★
7/16"	3/4"	3.44"	0.49"	6498K196★
7/16"	1"	3.69"	0.49"	6498K111★
7/16"	1 1/2"	4.63"	0.49"	6498K116★
7/16"	2"	5.57"	0.49"	6498K112★
7/16"	3"	7.45"	0.49"	6498K113★
7/16"	4"	9.33"	0.49"	6498K114★
7/16"	5"	11.21"	0.49"	6498K117★
7/16"	6"	13.09"	0.49"	6498K119★
5/8"	1/2"	2.87"	0.69"	6498K132
5/8"	1"	3.81"	0.69"	6498K135
5/8"	2"	5.69"	0.69"	6498K137
5/8"	3"	7.56"	0.69"	6498K138
5/8"	4"	9.43"	0.69"	6498K139
3/4"	1/2"	3.19"	0.81"	6498K195
3/4"	1"	3.69"	0.81"	6498K141
3/4"	1 1/2"	4.88"	0.81"	6498K1
3/4"	2"	5.38"	0.81"	6498K142

★ Does not have a rod bushing.

Bore Size	Stroke Length	Retracted Lg. (A)	OD	
3/4"	3"	7.07"	0.81"	6498K143
3/4"	4"	8.76"	0.81"	6498K144
3/4"	5"	10.45"	0.81"	6498K145
3/4"	6"	12.14"	0.81"	6498K146
3/4"	7"	13.83"	0.81"	6498K721
3/4"	8"	15.52"	0.81"	6498K147
3/4"	12"	22.28"	0.81"	6498K149
1 1/16"	1 1/2"	3.62"	1.12"	6498K176
1 1/16"	1"	4.12"	1.12"	6498K171
1 1/16"	1 1/2"	5.18"	1.12"	6498K177
1 1/16"	2"	5.68"	1.12"	6498K172
1 1/16"	3"	7.24"	1.12"	6498K173
1 1/16"	4"	8.80"	1.12"	6498K174
1 1/16"	5"	10.36"	1.12"	6498K179
1 1/16"	6"	11.92"	1.12"	6498K175
1 1/16"	8"	15.04"	1.12"	6498K732
1 1/16"	12"	21.28"	1.12"	6498K736
1 1/4"	1"	5.22"	1.34"	6498K951

Bore Size	Stroke Length	Retracted Lg. (A)	OD	
1 1/4"	2"	7.03"	1.34"	6498K952
1 1/4"	3"	8.84"	1.34"	6498K953
1 1/4"	4"	10.65"	1.34"	6498K954
1 1/2"	1 1/2"	4.38"	1.56"	6498K217
1 1/2"	1"	4.88"	1.56"	6498K211
1 1/2"	1 1/2"	6.07"	1.56"	6498K219
1 1/2"	2"	6.57"	1.56"	6498K212
1 1/2"	3"	8.26"	1.56"	6498K213
1 1/2"	4"	9.95"	1.56"	6498K214
1 1/2"	5"	11.64"	1.56"	6498K215
1 1/2"	6"	13.33"	1.56"	6498K216
1 1/2"	8"	16.71"	1.56"	6498K742
1 1/2"	12"	23.47"	1.56"	6498K746
2"	1"	6.29"	2.08"	6498K249
2"	2"	8.29"	2.08"	6498K252
2"	3"	9.54"	2.08"	6498K253

Pivot-Mount Single-Acting Cylinders with Spring Return



Bore Size	Port Size, Female	Rod, Thread Size (B)	Rod Dia. (B1)	Wd. Across Flats (B2)	(C)	Pin Dia. (D)	Rod Thread Lg. (E)	(FL)	Mounting Thread (G)	Mounting Thread (H)	(L)	Mounting Thread Lg. (N)
7/16"	10-32 UNF	10-32	0.19"	—	0.31"	5/32"	0.50"	0.44"	3/8"-24	7/16"-20	0.25"	0.31"
5/8"	10-32 UNF	10-32	0.19"	—	0.31"	5/32"	0.56"	0.44"	3/8"-24	7/16"-20	0.25"	0.31"
3/4"	1/8" NPT	1/4"-28	0.25"	—	0.38"	1/4"	0.50"	0.62"	1/2"-20	5/8"-18	0.34"	0.44"
1 1/16"	1/8" NPT	5/16"-24	0.31"	0.25"	0.38"	1/4"	0.50"	0.62"	5/8"-18	5/8"-18	0.34"	0.50"
1 1/4"	1/8" NPT	7/16"-20	0.44"	0.38"	0.50"	1/4"	0.75"	0.78"	3/4"-16	3/4"-16	0.41"	0.63"
1 1/2"	1/8" NPT	7/16"-20	0.44"	0.38"	0.62"	3/8"	0.75"	0.81"	3/4"-16	—	0.50"	0.63"
2"	1/4" NPT	1/2"-20	0.63"	0.50"	0.75"	3/8"	0.88"	1.03"	1 1/4"-12	1 1/4"-12	0.56"	0.81"

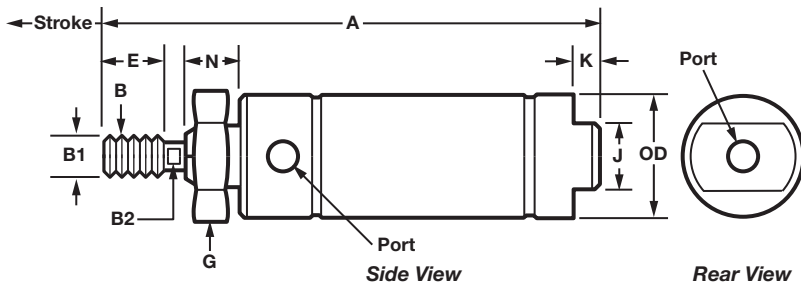
Bore Size	Stroke Length	Retracted Lg. (A)	OD	
7/16"	1/2"	3.44"	0.74"	6498K511★
7/16"	1"	4.38"	0.74"	6498K512★
7/16"	2"	6.26"	0.74"	6498K514★
7/16"	3"	8.14"	0.74"	6498K515★
7/16"	4"	10.02"	0.74"	6498K516★
7/16"	6"	13.78"	0.74"	6498K518★
7/16"	8"	17.54"	0.74"	6498K752★
7/16"	10"	21.30"	0.74"	6498K754★
7/16"	12"	25.06"	0.74"	6498K756★
5/8"	1/2"	3.56"	0.69"	6498K266▲
5/8"	1"	4.50"	0.69"	6498K267▲
5/8"	2"	6.37"	0.69"	6498K269▲
5/8"	3"	8.25"	0.69"	6498K271▲
5/8"	4"	10.12"	0.69"	6498K272▲
5/8"	12"	25.11"	0.69"	6498K277▲
3/4"	1/2"	4.25"	0.86"	6498K521
3/4"	1"	4.75"	0.86"	6498K522
3/4"	1 1/2"	5.94"	0.86"	6498K523

Bore Size	Stroke Length	Retracted Lg. (A)	OD	
3/4"	2"	6.44"	0.86"	6498K524
3/4"	3"	8.13"	0.86"	6498K525
3/4"	4"	9.82"	0.86"	6498K526
3/4"	5"	11.51"	0.86"	6498K527
3/4"	6"	13.20"	0.86"	6498K528
3/4"	8"	16.58"	0.86"	6498K762
3/4"	10"	19.96"	0.86"	6498K764
3/4"	12"	23.34"	0.86"	6498K766
1 1/16"	1"	5.00"	1.12"	6498K532
1 1/16"	1 1/2"	6.06"	1.12"	6498K533
1 1/16"	2"	6.56"	1.12"	6498K534
1 1/16"	3"	8.12"	1.12"	6498K535
1 1/16"	4"	9.68"	1.12"	6498K536
1 1/16"	5"	11.24"	1.12"	6498K537
1 1/16"	6"	12.80"	1.12"	6498K538
1 1/16"	8"	15.92"	1.12"	6498K772
1 1/16"	12"	22.16"	1.12"	6498K776
1 1/4"	1"	6.35"	1.34"	6498K965▲

Bore Size	Stroke Length	Retracted Lg. (A)	OD	
1 1/4"	2"	8.16"	1.34"	6498K966▲
1 1/4"	3"	9.97"	1.34"	6498K967▲
1 1/4"	4"	11.78"	1.34"	6498K968▲
1 1/4"	6"	15.40"	1.34"	6498K969▲
1 1/4"	12"	26.26"	1.34"	6498K971▲
1 1/2"	1"	5.94"	1.56"	6498K542◆
1 1/2"	2"	7.63"	1.56"	6498K544◆
1 1/2"	3"	9.32"	1.56"	6498K545◆
1 1/2"	4"	11.01"	1.56"	6498K546◆
1 1/2"	5"	12.70"	1.56"	6498K547◆
1 1/2"	6"	14.39"	1.56"	6498K548◆
1 1/2"	8"	17.77"	1.56"	6498K782◆
1 1/2"	10"	21.15"	1.56"	6498K784◆
1 1/2"	12"	24.53"	1.56"	6498K786◆
2"	1"	7.66"	2.08"	6498K289▲
2"	2"	9.66"	2.08"	6498K293▲
2"	3"	10.91"	2.08"	6498K294▲
2"	4"	13.85"	2.08"	6498K295▲

★ Does not have a rod bushing. ▲ Does not have a pin. ◆ Does not have mounting threads on pivot-mount end.

Nose-Mount Double-Acting Cylinders



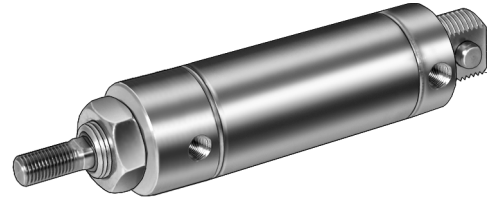
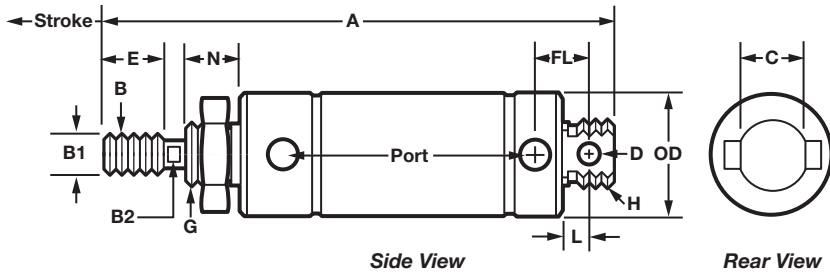
Bore Size	Port Size, Female	Rod, Thread Size (B)	Rod Dia. (B1)	Wd. Across Flats (B2)	Rod Thread Lg. (E)	Mounting Thread (G)	Across Nose Flats (J)	(K)	Mounting Thread Lg. (N)
5/16"	10-32 UNF	5-40	0.13"	—	0.38"	3/8"-24	—	—	0.31"
7/16"	10-32 UNF	10-32	0.19"	—	0.50"	7/16"-20	0.38"	0.19"	0.38"
5/8"	10-32 UNF	10-32	0.19"	—	0.56"	7/16"-20	0.50"	0.16"	0.38"
3/4"	1/8" NPT	1/4"-28	0.25"	—	0.50"	5/8"-18	0.62"	0.19"	0.50"
1 1/16"	1/8" NPT	5/16"-24	0.31"	0.25"	0.50"	5/8"-18	0.88"	0.19"	0.50"
1 1/4"	1/8" NPT	7/16"-20	0.44"	0.38"	0.75"	3/4"-16	0.88"	0.25"	0.63"
1 1/2"	1/8" NPT	7/16"-20	0.44"	0.38"	0.75"	3/4"-16	0.88"	0.25"	0.63"
2"	1/4" NPT	1/2"-20	0.63"	0.50"	0.88"	1 1/4"-12	1.25"	0.31"	0.81"
2 1/2"	1/4" NPT	1/2"-20	0.63"	0.50"	0.88"	1 3/8"-12	1.75"	0.31"	0.81"

Bore Size	Stroke Length	Retracted Lg. (A)	OD	
5/16"	1/2"	2.52"	0.61"	6498K322
5/16"	1"	3.02"	0.61"	6498K323
5/16"	2"	4.02"	0.61"	6498K325
5/16"	3"	5.02"	0.61"	6498K326
5/16"	4"	6.02"	0.61"	6498K327
7/16"	1/2"	3.12"	0.74"	6498K125
7/16"	1"	3.62"	0.74"	6498K121
7/16"	1 1/2"	4.12"	0.74"	6498K133
7/16"	2"	4.62"	0.74"	6498K122
7/16"	3"	5.62"	0.74"	6498K123
7/16"	4"	6.62"	0.74"	6498K124
7/16"	5"	7.62"	0.74"	6498K134
7/16"	6"	8.62"	0.74"	6498K126
7/16"	8"	10.62"	0.74"	6498K131
7/16"	12"	14.62"	0.74"	6498K129
5/8"	1/2"	3.25"	0.69"	6498K328
5/8"	1"	3.75"	0.69"	6498K329
5/8"	2"	4.75"	0.69"	6498K358
5/8"	3"	5.75"	0.69"	6498K359
5/8"	4"	6.75"	0.69"	6498K361
5/8"	6"	8.75"	0.69"	6498K363
3/4"	1/2"	3.97"	0.86"	6498K164
3/4"	1"	4.47"	0.86"	6498K151
3/4"	1 1/2"	4.97"	0.86"	6498K163
3/4"	2"	5.47"	0.86"	6498K152
3/4"	2 1/2"	5.97"	0.86"	6498K368
3/4"	3"	6.47"	0.86"	6498K153
3/4"	4"	7.47"	0.86"	6498K154
3/4"	5"	8.47"	0.86"	6498K155
3/4"	6"	9.47"	0.86"	6498K156

Bore Size	Stroke Length	Retracted Lg. (A)	OD	
3/4"	7"	10.47"	0.86"	6498K157
3/4"	8"	11.47"	0.86"	6498K162
3/4"	9"	12.47"	0.86"	6498K821
3/4"	10"	13.47"	0.86"	6498K159
3/4"	12"	15.47"	0.86"	6498K161
1 1/16"	1/2"	4.24"	1.12"	6498K194
1 1/16"	3/4"	4.49"	1.12"	6498K371
1 1/16"	1"	4.74"	1.12"	6498K181
1 1/16"	1 1/2"	5.24"	1.12"	6498K193
1 1/16"	2"	5.74"	1.12"	6498K182
1 1/16"	3"	6.74"	1.12"	6498K183
1 1/16"	4"	7.74"	1.12"	6498K184
1 1/16"	5"	8.74"	1.12"	6498K185
1 1/16"	6"	9.74"	1.12"	6498K186
1 1/16"	7"	10.74"	1.12"	6498K831
1 1/16"	8"	11.74"	1.12"	6498K187
1 1/16"	9"	12.74"	1.12"	6498K189
1 1/16"	10"	13.74"	1.12"	6498K191
1 1/16"	12"	15.74"	1.12"	6498K192
1 1/16"	14"	18.62"	1.12"	6498K372
1 1/16"	16"	20.62"	1.12"	6498K373
1 1/4"	1"	5.75"	1.34"	6498K955
1 1/4"	2"	6.75"	1.34"	6498K956
1 1/4"	3"	7.75"	1.34"	6498K957
1 1/4"	4"	8.75"	1.34"	6498K958
1 1/4"	5"	9.75"	1.34"	6498K959
1 1/4"	6"	10.75"	1.34"	6498K961
1 1/4"	8"	12.75"	1.34"	6498K962
1 1/4"	10"	14.75"	1.34"	6498K963
1 1/4"	12"	16.75"	1.34"	6498K964

Bore Size	Stroke Length	Retracted Lg. (A)	OD	
1 1/2"	1/2"	4.94"	1.56"	6498K235
1 1/2"	1"	5.44"	1.56"	6498K221
1 1/2"	1 1/2"	5.94"	1.56"	6498K234
1 1/2"	2"	6.44"	1.56"	6498K222
1 1/2"	2 1/2"	6.94"	1.56"	6498K391
1 1/2"	3"	7.44"	1.56"	6498K223
1 1/2"	4"	8.44"	1.56"	6498K224
1 1/2"	5"	9.44"	1.56"	6498K225
1 1/2"	6"	10.44"	1.56"	6498K226
1 1/2"	7"	11.44"	1.56"	6498K841
1 1/2"	8"	12.44"	1.56"	6498K227
1 1/2"	10"	14.44"	1.56"	6498K231
1 1/2"	12"	16.44"	1.56"	6498K232
1 1/2"	14"	19.25"	1.56"	6498K392
2"	1"	6.57"	2.08"	6498K395
2"	2"	7.57"	2.08"	6498K397
2"	3"	8.57"	2.08"	6498K398
2"	4"	9.57"	2.08"	6498K399
2"	5"	10.57"	2.08"	6498K411
2"	6"	11.57"	2.08"	6498K412
2"	8"	13.57"	2.08"	6498K413
2 1/2"	1"	6.57"	2.62"	6498K417
2 1/2"	2"	7.57"	2.62"	6498K419
2 1/2"	3"	8.57"	2.62"	6498K421
2 1/2"	4"	9.57"	2.62"	6498K422
2 1/2"	6"	11.57"	2.62"	6498K424

Pivot-Mount Double-Acting Cylinders



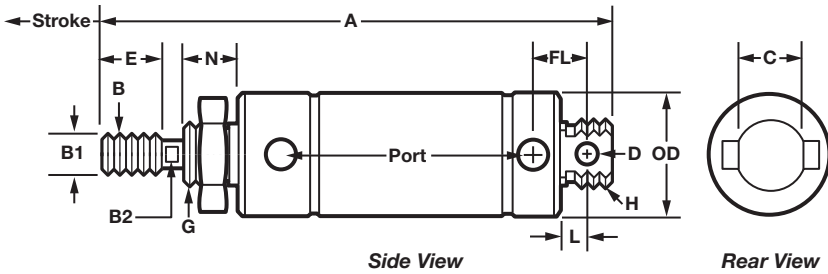
Bore Size	Port Size, Female	Rod, Thread Size (B)	Rod Dia. (B1)	Wd. Across Flats (B2)	(C)	Pin Dia. (D)	Rod Thread Lg. (E)	(FL)	Mounting Thread (G)	Mounting Thread (H)	(L)	Mounting Thread Lg. (N)
5/16"	10-32 UNF	5-40	0.13"	—	0.25"	1/8"	0.38"	0.34"	3/8"-24	3/8"-24	0.19"	0.31"
7/16"	10-32 UNF	10-32	0.19"	—	0.31"	5/32"	0.50"	0.44"	7/16"-20	7/16"-20	0.25"	0.38"
9/16"	10-32 UNF	10-32	0.19"	—	0.31"	0.157"	0.50"	0.38"	7/16"-20	7/16"-20	0.25"	0.38"
5/8"	10-32 UNF	10-32	0.19"	—	0.31"	5/32"	0.56"	0.44"	7/16"-20	7/16"-20	0.25"	0.38"
3/4"	1/8" NPT	1/4"-28	0.25"	—	0.38"	1/4"	0.50"	0.62"	5/8"-18	5/8"-18	0.34"	0.50"
1 1/16"	1/8" NPT	5/16"-24	0.31"	0.25"	0.38"	1/4"	0.50"	0.62"	5/8"-18	5/8"-18	0.34"	0.50"
1 1/4"	1/8" NPT	7/16"-20	0.44"	0.38"	0.50"	1/4"	0.75"	0.78"	3/4"-16	3/4"-16	0.41"	0.63"
1 1/2"	1/8" NPT	7/16"-20	0.44"	0.38"	0.62"	3/8"	0.75"	0.81"	3/4"-16	—	0.50"	0.63"
2"	1/4" NPT	1/2"-20	0.63"	0.50"	0.75"	3/8"	0.88"	1.03"	1 1/4"-12	1 1/4"-12	0.56"	0.81"
2 1/2"	1/4" NPT	1/2"-20	0.63"	0.50"	0.75"	3/8"	0.88"	1.03"	1 3/8"-12	1 3/8"-12	0.56"	0.81"

Bore Size	Stroke Length	Retracted Lg. (A)	OD		Bore Size	Stroke Length	Retracted Lg. (A)	OD	
5/16"	1/2"	3.07"	0.61"	6498K945▲	5/8"	1/2"	3.94"	0.69"	6498K428▲
5/16"	1"	3.57"	0.61"	6498K846▲	5/8"	1"	4.44"	0.69"	6498K429▲
5/16"	2"	4.57"	0.61"	6498K847▲	5/8"	2"	5.44"	0.69"	6498K432▲
5/16"	3"	5.57"	0.61"	6498K848▲	5/8"	3"	6.44"	0.69"	6498K433▲
5/16"	4"	6.57"	0.61"	6498K849▲	5/8"	4"	7.44"	0.69"	6498K434▲
7/16"	1/2"	3.81"	0.74"	6498K601	5/8"	5"	8.44"	0.69"	6498K435▲
7/16"	1"	4.31"	0.74"	6498K602	5/8"	6"	9.44"	0.69"	6498K436▲
7/16"	1 1/2"	4.81"	0.74"	6498K603	5/8"	8"	11.44"	0.69"	6498K438▲
7/16"	2"	5.31"	0.74"	6498K604	5/8"	10"	13.44"	0.69"	6498K441▲
7/16"	3"	6.31"	0.74"	6498K605	5/8"	12"	15.44"	0.69"	6498K442▲
7/16"	4"	7.31"	0.74"	6498K606	3/4"	1/2"	5.03"	0.86"	6498K631
7/16"	5"	8.31"	0.74"	6498K607	3/4"	1"	5.53"	0.86"	6498K632
7/16"	6"	9.31"	0.74"	6498K608	3/4"	1 1/2"	6.03"	0.86"	6498K633
7/16"	12"	15.31"	0.74"	6498K644	3/4"	2"	6.53"	0.86"	6498K634
9/16"	1/2"	3.75"	0.62"	6498K854▲	3/4"	2 1/2"	7.03"	0.86"	6498K443
9/16"	1"	4.25"	0.62"	6498K855▲	3/4"	3"	7.53"	0.86"	6498K635
9/16"	2"	5.25"	0.62"	6498K856▲	3/4"	4"	8.53"	0.86"	6498K636
9/16"	3"	6.25"	0.62"	6498K857▲	3/4"	5"	9.53"	0.86"	6498K637
9/16"	4"	7.25"	0.62"	6498K858▲	3/4"	6"	10.53"	0.86"	6498K638
9/16"	5"	8.25"	0.62"	6498K859▲	3/4"	7"	11.53"	0.86"	6498K861
9/16"	6"	9.25"	0.62"	6498K864▲	3/4"	8"	12.53"	0.86"	6498K639
9/16"	8"	11.25"	0.62"	6498K865▲	3/4"	10"	14.53"	0.86"	6498K641
9/16"	10"	13.25"	0.62"	6498K866▲	3/4"	12"	16.53"	0.86"	6498K642
9/16"	12"	15.25"	0.62"	6498K867▲	3/4"	18"	22.53"	0.86"	6498K444

▲ Does not have a pin.

(Continued on following page)

Pivot-Mount Double-Acting Cylinders (Continued from previous page)



Bore Size	Port Size, Female	Rod, Thread Size (B)	Rod Dia. (B1)	Wd. Across Flats (B2)	(C)	Pin Dia. (D)	Rod Thread Lg. (E)	(FL)	Mounting Thread (G)	Mounting Thread (H)	(L)	Mounting Thread Lg. (N)
5/16"	10-32 UNF	5-40	0.13"	—	0.25"	1/8"	0.38"	0.34"	3/8"-24	3/8"-24	0.19"	0.31"
7/16"	10-32 UNF	10-32	0.19"	—	0.31"	5/32"	0.50"	0.44"	7/16"-20	7/16"-20	0.25"	0.38"
9/16"	10-32 UNF	10-32	0.19"	—	0.31"	0.157"	0.50"	0.38"	7/16"-20	7/16"-20	0.25"	0.38"
5/8"	10-32 UNF	10-32	0.19"	—	0.31"	5/32"	0.56"	0.44"	7/16"-20	7/16"-20	0.25"	0.38"
3/4"	1/8" NPT	1/4"-28	0.25"	—	0.38"	1/4"	0.50"	0.62"	5/8"-18	5/8"-18	0.34"	0.50"
1 1/16"	1/8" NPT	5/16"-24	0.31"	0.25"	0.38"	1/4"	0.50"	0.62"	5/8"-18	5/8"-18	0.34"	0.50"
1 1/4"	1/8" NPT	7/16"-20	0.44"	0.38"	0.50"	1/4"	0.75"	0.78"	3/4"-16	3/4"-16	0.41"	0.63"
1 1/2"	1/8" NPT	7/16"-20	0.44"	0.38"	0.62"	3/8"	0.75"	0.81"	3/4"-16	—	0.50"	0.63"
2"	1/4" NPT	1/2"-20	0.63"	0.50"	0.75"	3/8"	0.88"	1.03"	1 1/4"-12	1 1/4"-12	0.56"	0.81"
2 1/2"	1/4" NPT	1/2"-20	0.63"	0.50"	0.75"	3/8"	0.88"	1.03"	1 3/8"-12	1 3/8"-12	0.56"	0.81"

Bore Size	Stroke Length	Retracted Lg. (A)	OD	
1 1/16"	1/2"	5.12"	1.12"	6498K651
1 1/16"	3/4"	5.37"	1.12"	6498K445
1 1/16"	1"	5.62"	1.12"	6498K652
1 1/16"	1 1/2"	6.12"	1.12"	6498K653
1 1/16"	2"	6.62"	1.12"	6498K654
1 1/16"	3"	7.62"	1.12"	6498K655
1 1/16"	4"	8.62"	1.12"	6498K656
1 1/16"	5"	9.62"	1.12"	6498K657
1 1/16"	6"	10.62"	1.12"	6498K658
1 1/16"	7"	11.62"	1.12"	6498K871
1 1/16"	8"	12.62"	1.12"	6498K659
1 1/16"	9"	13.62"	1.12"	6498K872
1 1/16"	10"	14.62"	1.12"	6498K661
1 1/16"	12"	16.62"	1.12"	6498K662
1 1/16"	17"	21.62"	1.12"	6498K447
1 1/16"	22"	26.62"	1.12"	6498K448
1 1/16"	24"	28.62"	1.12"	6498K449
1 1/4"	1"	6.88"	1.34"	6498K972▲
1 1/4"	1 1/2"	7.38"	1.34"	6498K973▲
1 1/4"	2"	7.88"	1.34"	6498K974▲
1 1/4"	3"	8.88"	1.34"	6498K975▲
1 1/4"	4"	9.88"	1.34"	6498K976▲
1 1/4"	5"	10.88"	1.34"	6498K977▲
1 1/4"	6"	11.88"	1.34"	6498K978▲
1 1/4"	8"	13.88"	1.34"	6498K979▲
1 1/4"	10"	15.88"	1.34"	6498K981▲
1 1/4"	12"	17.88"	1.34"	6498K982▲

Bore Size	Stroke Length	Retracted Lg. (A)	OD	
1 1/2"	1/2"	6.01"	1.56"	6498K671◆
1 1/2"	1"	6.51"	1.56"	6498K672◆
1 1/2"	1 1/2"	7.01"	1.56"	6498K673◆
1 1/2"	2"	7.51"	1.56"	6498K674◆
1 1/2"	3"	8.51"	1.56"	6498K675◆
1 1/2"	4"	9.51"	1.56"	6498K676◆
1 1/2"	5"	10.51"	1.56"	6498K677◆
1 1/2"	6"	11.51"	1.56"	6498K678◆
1 1/2"	7"	12.51"	1.56"	6498K881◆
1 1/2"	8"	13.51"	1.56"	6498K679◆
1 1/2"	9"	14.51"	1.56"	6498K882◆
1 1/2"	10"	15.51"	1.56"	6498K681◆
1 1/2"	12"	17.51"	1.56"	6498K682◆
1 1/2"	14"	19.51"	1.56"	6498K466◆
1 1/2"	16"	21.51"	1.56"	6498K467◆
1 1/2"	24"	29.51"	1.56"	6498K471◆
1 1/2"	28"	33.51"	1.56"	6498K472◆
2"	1"	7.94"	2.08"	6498K474▲
2"	2"	8.94"	2.08"	6498K476▲
2"	3"	9.94"	2.08"	6498K477▲
2"	4"	10.94"	2.08"	6498K478▲
2"	5"	11.94"	2.08"	6498K479▲
2"	6"	12.94"	2.08"	6498K481▲
2"	8"	14.94"	2.08"	6498K482▲
2 1/2"	1"	7.94"	2.62"	6498K486▲
2 1/2"	2"	8.94"	2.62"	6498K488▲
2 1/2"	3"	9.94"	2.62"	6498K489▲
2 1/2"	4"	10.94"	2.62"	6498K491▲
2 1/2"	5"	11.94"	2.62"	6498K492▲
2 1/2"	6"	12.94"	2.62"	6498K493▲

▲ Does not have a pin.

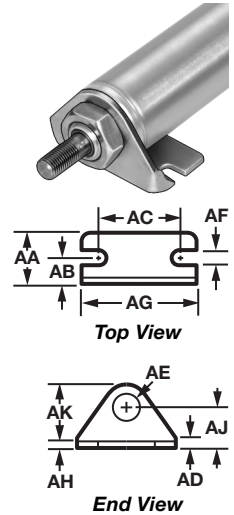
◆ Does not have mounting threads on pivot-mount end.

Attachments

Foot Bracket

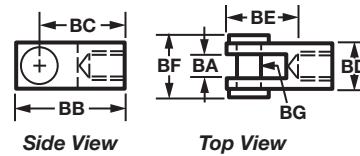
Fits Bore Size	AA	AB	AC	AD	Dia., AE	AF	AG	AH	AJ	AK	For Single-Acting with Spring Return Cylinders	For Double-Acting Cylinders
5/16"	0.38"	0.25"	0.76"	0.12"	0.25"★	0.13"●	1.00"	0.06"	0.44"	0.69"	6498K571	6498K581
7/16"	0.62"	0.31"	1.00"	0.12"	0.38"	0.19"	1.38"	0.07"	0.56"	0.81"	6498K311	
7/16"	0.69"	0.38"	1.00"	0.12"	0.44"	0.19"	1.38"	0.09"	0.56"	0.74"		4952K126
9/16"	0.69"	0.38"	1.00"	0.12"	0.44"	0.19"	1.38"	0.09"	0.56"	0.74"	4952K126	4952K126
5/8"	0.63"	0.31"	1.00"	0.13"	0.38"◆	0.20"	1.38"	0.06"	0.56"	0.80"	6498K572	6498K582
3/4"	0.75"	0.44"	1.24"	0.19"	0.50"	0.19"	1.62"	0.10"	0.69"	0.99"	6498K35	
3/4"	1.00"	0.56"	1.50"	0.25"	0.62"	0.27"	1.88"	0.12"	0.81"	1.26"		6498K33
1 1/16"	1.00"	0.56"	1.50"	0.25"	0.62"	0.27"	1.88"	0.12"	0.81"	1.26"	6498K33	6498K33
1 1/4", 1 1/2"	1.50"	0.75"	1.88"	0.62"	0.75"	0.28"	2.50"	0.12"	1.00"	1.63"	6498K34	6498K34
2"	1.62"	1.00"	2.24"	0.62"	1.38"	0.34"	3.12"	0.25"	1.50"	2.25"	6498K575	6498K575
2 1/2"	1.62"	1.00"	2.88"	0.75"	1.51"	0.34"	3.75"	0.25"	1.75"	2.75"	6498K576	6498K576

★ 0.38" for double-acting cylinder. ◆ 0.44" for double-acting cylinder.
● Bracket has a through hole, not a slot. Dimension measures hole diameter.



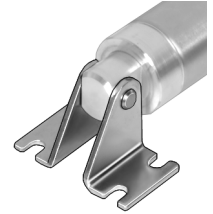
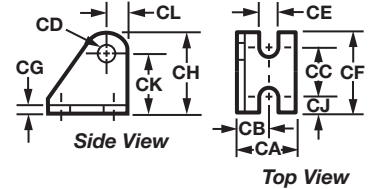
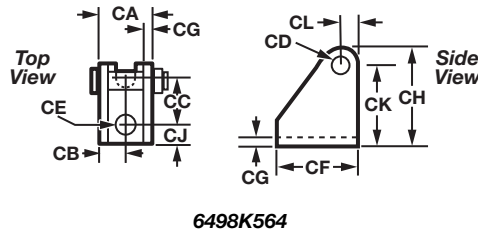
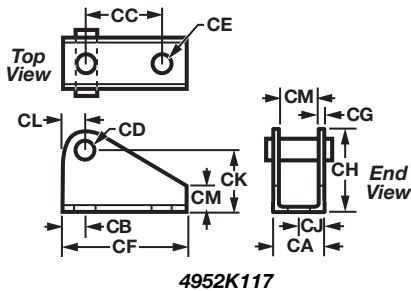
Rod Clevis with Pin

Fits Bore Size	BA	BB	BC	BD	BE	BF	Dia., BG
5/16"	0.13"	0.56"	0.44"	0.31"	0.38"	0.50"	0.12"
7/16", 9/16"	0.19"	0.94"	0.75"	0.38"	0.56"	0.56"	0.19"
5/8"	0.19"	0.94"	0.75"	0.38"	0.56"	0.69"	3/16"
3/4"	0.25"	1.19"	0.94"	0.50"	0.68"	0.69"	1/4"
1 1/16"	0.25"	1.19"	0.94"	0.50"	0.69"	0.69"	1/4"
1 1/4", 1 1/2"	0.38"	1.69"	1.31"	0.75"	0.94"	0.94"	0.38"
2", 2 1/2"	0.38"	1.69"	1.31"	0.75"	0.94"	0.94"	0.38"



Pivot Bracket

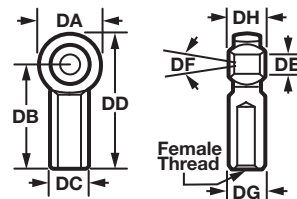
Fits Bore Size	CA	CB	CC	Dia., CD	Dia., CE	CF	CG	CH	CJ	CK	CL
7/16"	0.50"	0.28"	0.50"	0.16"	0.19"	0.75"	0.06"	0.77"	0.12"	0.56"	0.20"
9/16"	0.50"	0.28"	0.50"	0.16"	0.19"	0.75"	0.06"	0.77"	0.12"	0.56"	0.20"
5/8"	0.50"	0.22"	0.50"	0.156"	0.20"	0.75"	0.06"	0.77"	0.13"	0.56"	0.20"
3/4", 1 1/16"	0.81"	0.44"	0.75"	0.25"	0.26"	1.12"	0.12"	1.19"	0.19"	0.88"	0.31"
1 1/4"	0.81"	0.44"	0.75"	0.25"	0.27"	1.12"	0.12"	1.19"	0.19"	0.88"	0.31"
1 1/2"	1.00"	0.62"	1.00"	0.38"	0.27"	1.50"	0.12"	1.75"	0.25"	1.38"	0.38"



Fits Bore Size	CA	CB	CC	Dia., CD	Dia., CE	CF	CG	CH	CJ	CK	CL	CM
5/16"	0.34"	0.17"	0.38"	0.13"	0.16"	0.62"	0.04"	0.54"	0.12"	0.40"	0.12"	0.26"
2", 2 1/2"	1.13"	0.69"	1.00"	0.38"	0.26"	1.50"	0.25"	1.75"	0.25"	1.38"	0.38"	

Rod Ends

Fits Bore Size	DA	DB	DC	DD	Dia., DE	Degree of Swivel, DF	DG	DH
7/16", 5/8"	0.63"	1.06"	0.41"	1.38"	0.19"	13°	0.31"	0.31"
3/4"	0.75"	1.31"	0.47"	1.69"	0.25"	16°	0.38"	0.38"
1 1/16"	0.88"	1.38"	0.50"	1.81"	0.31"	14°	0.44"	0.44"
1 1/2"	1.13"	1.81"	0.75"	2.38"	0.44"	14°	0.63"	0.56"
2", 2 1/2"	1.31"	2.13"	0.88"	2.78"	0.50"	16°	0.75"	0.63"



Performance Data for Single-Acting Cylinders with Spring Return

Approximate Spring Force		
Bore Size	With Piston Rod Extended (lbs.)	With Piston Rod Retracted (lbs.)
7/16"	2	1
5/8"	4	1.3
3/4"	6	3

Approximate Spring Force		
Bore Size	With Piston Rod Extended (lbs.)	With Piston Rod Retracted (lbs.)
1 1/16"	6	3
1 1/4"	10	4.5

Approximate Spring Force		
Bore Size	With Piston Rod Extended (lbs.)	With Piston Rod Retracted (lbs.)
1 1/2"	12	6
2"	30	15

Performance Data for Double-Acting Cylinders

