

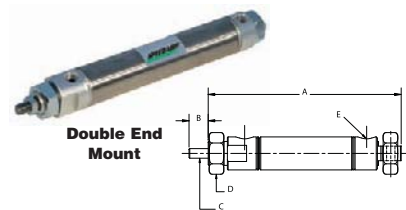
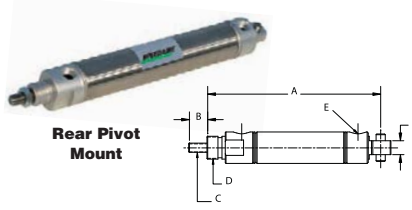
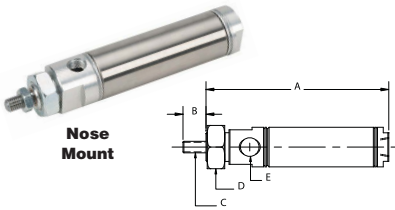


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Double-Acting Stainless Steel Body Air Cylinders

- Operating pressure range: 8 to 250 psi
- Operating temp. range: 40° to 140°F
- Include magnetic piston for use with autoswitches

Permanently lubricated, nonrepairable cylinders are dimensionally interchangeable with a variety of manufacturers' cylinders. Stainless steel tube and chrome-plated carbon steel piston rod improve corrosion resistance. Piston magnet allows autoswitches to sense stroke piston. NPT ports. Additional sizes, switches, and brackets available on Grainger.com®.



Dimensions (in)					
Bore Dia.	A (+ Stroke)	B	C	D	E
Double-Acting Nose Mount					
1/16	2.36"	0.5	10-32	1/16-20	10-32
9/16	2.19"	0.5	10-32	1/16-20	10-32
3/4	2.97"	0.5	1/4-28	5/8-18	1/2 NPT
7/8	2.69"	0.5	1/4-28	5/8-18	1/2 NPT
1 1/16	3.25"	0.5	5/16-24	5/8-18	1/2 NPT
1 1/4	3.75"	0.75	1/2-20	3/4-16	1/2 NPT
1 1/2	3.69"	0.75	1/2-20	3/4-16	1/2 NPT
2	4.69"	0.88	1/2-20	1 1/4-12	1/4 NPT

Dimensions (in)					
Bore Dia.	A (+ Stroke)	B	C	D	E
Double-Acting Rear Pivot Mount					
1/16	2.81"	0.5	10-32	1/16-20	10-32
9/16	2.56"	0.5	10-32	1/16-20	10-32
3/4	3.75"	0.5	1/4-28	5/8-18	1/2 NPT
7/8	3.31"	0.5	1/4-28	5/8-18	1/2 NPT
1 1/16	3.84"	0.5	5/16-24	5/8-18	1/2 NPT
1 1/4	4.47"	0.75	1/2-20	3/4-16	1/2 NPT
1 1/2	4.38"	0.75	1/2-20	3/4-16	1/2 NPT

Dimensions (in)					
Bore Dia.	A (+ Stroke)	B	C	D	E
Double-Acting Double End Mount					
1/16	3.06"	0.5	10-32	1/16-20	10-32
9/16	2.75"	0.5	10-32	1/16-20	10-32
3/4	4.03"	0.5	1/4-28	5/8-18	1/2 NPT
7/8	3.59"	0.5	1/4-28	5/8-18	1/2 NPT
1 1/16	4.12"	0.5	5/16-24	5/8-18	1/2 NPT
1 1/4	4.87"	0.75	1/2-20	3/4-16	1/2 NPT
1 1/2	4.5"	0.75	1/2-20	3/4-16	1/2 NPT
2	6.06"	0.88	1/2-20	1 1/4-12	1/4 NPT

Bore Dia.	Stroke	DOUBLE-ACTING NOSE Item No.	DOUBLE-ACTING REAR PIVOT Item No.	DOUBLE-ACTING DOUBLE END Item No.
Cylinders				
1/2 in	5TGA2	5TGP6	5THD5	
1 in	5TGA3	5TGP7	5THD6	
2 in	5TGA4	5TGP8	5THD7	
3 in	5TGA5	5TGP9	5THD8	
4 in	5TGA6	5TGP0	5THD9	
5 in	5TGA7	5TGR1	5THE0	
6 in	5TGA8	5TGR2	5THE1	
7 in	5TGA9	5TGR3	5THE2	
8 in	5TGC0	5TGR4	5THE3	
9 in	5TGC1	5TGR5	5THE4	
10 in	5TGC2	5TGR6	5THE5	
12 in	5TGC3	5TGR7	5THE6	

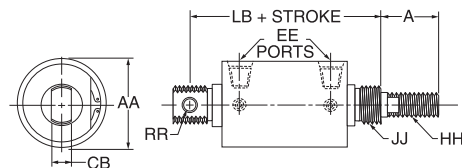
Bore Dia.	Stroke	DOUBLE-ACTING NOSE Item No.	DOUBLE-ACTING REAR PIVOT Item No.	DOUBLE-ACTING DOUBLE END Item No.
Cylinders				
1/2 in	5TGC4	5TGR8	5THE7	
1 in	5TGC5	5TGR9	5THE8	
2 in	5TGC6	5TGT0	5THE9	
3 in	5TGC7	5TGT1	5THF0	
4 in	5TGC8	5TGT2	5THF1	
5 in	5TGC9	5TGT3	5THF2	
6 in	5TGD0	5TGT4	5THF3	
7 in	5TGD1	5TGT5	5THF4	
8 in	5TGD2	5TGT6	5THF5	
9 in	5TGD3	5TGT7	5THF6	
10 in	5TGD4	5TGT8	5THF7	
12 in	5TGD5	5TGT9	5THF8	

Bore Dia.	Stroke	DOUBLE-ACTING NOSE Item No.	DOUBLE-ACTING REAR PIVOT Item No.	DOUBLE-ACTING DOUBLE END Item No.
Cylinders (Cont.)				
1/2 in	5THH1	5TGE8		
1 in	5THH2	5TGE9		
2 in	5THH3	5TGF0		
3 in	5THH4	5TGF1		
4 in	5THH5	5TGF2		
5 in	5THH6	5TGF3		
6 in	5THH7	5TGF4		
7 in	5THH8	5TGF5		
8 in	5THH9	5TGF6		
9 in	5THJ0	5TGF7		
10 in	5THJ1	5TGF8		
12 in	5THJ2	5TGF9		

Repairable Round-Body Aluminum Air Cylinders

- Double-acting
- Max. operating pressure: 150 psi (10 bar)
- Operating temp. range: -10° to 165°F

Corrosion- and abrasion-resistant hard anodized aluminum cylinders have a high-strength steel retaining ring that is easily removed for maintenance and repair. Chrome-plated steel rod. Head and caps are sealed with an O-ring static tube seal to prevent leaks. All cylinders come "switch ready".



Mount Type	Fits	Item No.
Cylinder Mounting Hardware		
Clevis Bracket	1 1/2 in Bore	5VN2
	1 1/2 Bore, 2 in Bore	5VN3
	2 1/2 Bore, 3 in Bore	5VN4
	4 in Bore	5VN5
Cylinder Mounting Nut	1 1/2 in Bore	5VN9
	1 1/2 in Bore, 2 in Bore	5VN0
	2 1/2 in Bore, 3 in Bore	5VN1
	4 in Bore	5VN2
Flange Bracket	1 1/2 in Bore	5VN7
	1 1/2 Bore, 2 in Bore	5VN8
	2 1/2 in Bore, 3 in Bore	5VN9
	4 in Bore	5VN0
Foot Bracket	1 1/2 in Bore	5VN3
	1 1/2 in Bore, 2 in Bore	5VN4
	2 1/2 in Bore, 3 in Bore	5VN5
	4 in Bore	5VN6
Rod Clevis	1 1/2 in Bore	5VN1
	1 1/2 in Bore	5VNW5
	2 in Bore	5VNW6
	2 1/2 and 3 in Bore	5VNW7
	4 in Bore	5VNW8

Dimensions (in)							
Bore Dia.	A	LB	EE	RR	JJ	HH	AA
1 1/8	1 1/8	4 3/4	1/8	1/4	3/4-16	3/8-16	1 3/8
1 1/2	1 1/4	5 1/4	1/4	5/16	1-14	1/2-13	1 3/4
2	1 1/4	5 3/4	1/4	5/16	1-14	5/8-11	2 1/4
2 1/2	1 1/2	6 3/4	3/8	1/2	1 1/2-12	3/4-10	2 3/4
3	1 1/2	6 3/4	3/8	1/2	1 1/2-12	3/4-10	3 1/4
4	1 1/2	8 1/4	1/2	1/2	1 1/2-12	1-14	4 3/8

Bore Dia.	Stroke	Item No.	Bore Dia.	Stroke	Item No.
Cylinders with Cushion					
1 1/2 in	1/2-13	D8502	1 1/2 in	1 in, 1 1/2 in, 2 in, 2 1/2 in, 3 in, 4 in	D8468
	1/2-13	D8503		5 in, 6 in, 7 in, 8 in	D8469
	1/2-13	D8504		9 in, 10 in, 12 in	D8471
	1/2-13	D8505		13 in, 14 in, 16 in, 17 in, 18 in	D8472
1 1/2 in	1/2-13	D8506	1 1/2 in	19 in, 20 in, 21 in, 24 in	D8473
	3/8-16	D8496		1 in, 1 1/2 in, 2 in, 2 1/2 in, 3 in, 3 1/2 in, 4 in	D8463
	3/8-16	D8497		5 in, 6 in, 7 in, 8 in	D8464
	3/8-16	D8499		9 in, 10 in, 12 in	D8465
2 1/2 in	3/8-16	D8501	2 1/2 in	13 in, 14 in, 16 in, 17 in, 18 in	D8466
	3/8-16	D8513		20 in, 21 in, 23 in, 24 in	D8467
	3/4-10	D8514		1 in, 1 1/2 in, 2 in, 2 1/2 in, 3 in, 3 1/2 in, 4 in	D8479
	3/4-10	D8515		5 in, 6 in, 7 in, 8 in	D8481
2 1/2 in	3/4-10	D8516	2 1/2 in	9 in, 10 in, 11 in, 12 in	D8482
	3/4-10	D8517		13 in, 16 in, 18 in	D8483
	3/4-10	D8507		20 in, 23 in	D8484
	3/4-10	D8508		1 in, 1 1/2 in, 2 in, 2 1/2 in, 3 in, 3 1/2 in, 4 in	D8474
2 in	3/8-11	D8509	2 in	5 in, 6 in, 7 in, 8 in	D8475
	3/8-11	D8511		9 in, 10 in, 11 in, 12 in	D8476
	3/8-11	D8512		13 in, 14 in, 16 in, 17 in, 18 in	D8477
	3/8-11	D8518		20 in, 21 in, 22 in, 24 in	D8478
3 in	3/4-10	D8519	3 in	1 in, 1 1/2 in, 2 in, 2 1/2 in, 3 in, 4 in	D8485
	3/4-10	D8521		5 in, 6 in, 7 in, 8 in	D8486
	3/4-10	D8522		9 in, 10 in, 11 in, 12 in	D8487
	3/4-10	D8523		14 in, 16 in, 17 in, 18 in	D8488
4 in	1-14	D8524	4 in	1 in, 4 in	D8491
	1-14	D8525		6 in, 7 in, 8 in	D8492
	1-14	D8526		9 in, 10 in, 11 in, 12 in	D8493
	1-14	D8527		14 in, 16 in	D8494
				19 in, 22 in, 24 in	D8495