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## **Double-Acting Stainless Steel Body Air Cylinders**



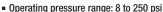
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5THH!

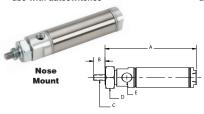
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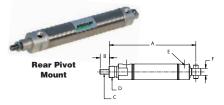
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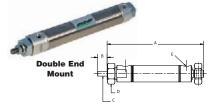


- Operating temp. range: 40° to 140°F
- Include magnetic piston for use with autoswitches

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)	В	C	D	F				
	-Acting Nose								
			40.00	7/ 00	40.00				
7/16	2.36"	0.5	10-32	<sup>7</sup> / <sub>16</sub> -20	10-32				
9/16	2.19"	0.5	10-32	7/16-20	10-32				
3/4	2.97"	0.5	1/4-28	5/8-18	1/8 NPT				
7/8	2.69"	0.5	1/4-28	5/s-18	1/8 NPT				
11/16	3.25"	0.5	5/16-24	5/8-18	1/8 NPT				
11/4	3.75"	0.75	7/16-20	3/4-16	1/8 NPT				
11/2	3.69"	0.75	7/16-20	3/4-16	1/8 NPT				
2	4.69"	0.88	1/2-20	11/4-12	1/4 NPT				

Dia.	(+ Stroke)	В	C	D	Е	F
Double	e-Acting Re	ar Pivo	t Mount			
7/16	2.81"	0.5	10-32	7/16-20	10-32	0.31
9/16	2.56"	0.5	10-32	7/16-20	10-32	0.31
3/4	3.75"	0.5	1/4-28	5/8-18	1/8" NPT	0.38
7/8	3.31"	0.5	1/4-28	5%-18	1/8" NPT	0.38
11/16	3.84"	0.5	5/16-24	5/8-18	1/8" NPT	0.38
11/4	4.47"	0.75	7/16-20	3/4-16	1/8" NPT	0.5
11/2	4.38"	0.75	7/16-20	3/4-16	1/8" NPT	0.62

DOUBLE-

Dimensions (in)

Bore	A				
Dia.	(+ Stroke)	В	C	D	E
Double-	-Acting Doub	unt			
7/16	3.06"	0.5	10-32	7/16-20	10-32
9/16	2.75"	0.5	10-32	7/16-20	10-32
3/4	4.03"	0.5	1/4-28	5/8-18	1/8 NPT
7/8	3.59"	0.5	1/4-28	5/8-18	½"NPT
11/16	4.12"	0.5	5/16-24	5/8-18	1/8 NPT
11/4	4.87"	0.75	7/16-20	3/4-16	1/8 NPT
11/2	4.5"	0.75	7/16-20	3/4-16	1/8 NPT
2	6.06"	0.88	1/2-20	11/4-12	1/4 NPT
				DOUBLE-	DOUBLE-
DOLLDIE	DOUBL	-		ACTING	ACTING
DOUBLE-					
ACTING	ACTING	J		DOUBLE END	NOSE

Dimensions (in)

Bore	041	DOUBLE- ACTING NOSE Item	ACTING REAR PIVOT Item	DOUBLE- ACTING DOUBLE END Item
Dia. Cylind	Stroke	No.	No.	No.
Gylllia	½ in	5TGA2	5TGP6	5THD5
	1 in	5TGA3	5TGP7	5THD6
	2 in	5TGA4	5TGP8	5THD7
	3 in	5TGA5	5TGP9	5THD8
	4 in	5TGA6	5TGR0	5THD9
1 ½16 in	5 in	5TGA7	5TGR1	5THE0
1 716 III	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

		NOSE	REAR PIVOT	DOUBLE END			NOSE	REAR PIVOT	DOUBLE END	Bore	
Bore		Item	Item	Item	Bore		Item	Item	Item	Dia. Strol	
Dia.	Stroke	No.	No.	No.	Dia.	Stroke	No.	No.	No.	Cylinders	
	1/2 in	5TGC4	5TGR8	5THE7		½ in	5TGD6	5TGU0	5THF9	1/2 i	
	1 in	5TGC5	5TGR9	5THE8	5THE9 5THF0 5THF1	1 in	5TGD7	5TGU1	5THG0	1 ir	
	2 in	5TGC6	5TGT0			2 in	5TGD8	5TGU2	5THG1	2 ir	
	3 in	5TGC7	5TGT1			3 in	5TGD9	5TGU3	5THG2	3 ir	
	4 in	5TGC8	5TGT2					4 in	5TGE0	5TGU4	5THG3
1 1/4 in	5 in	5TGC9	5TGT3	5THF2	1 ½ in	5 in	5TGE1	5TGU5	5THG4	2 in 5 ir	
1 74 111	6 in	5TGD0	5TGT4	5THF3	1 72 111	6 in	5TGE2	5TGU6	5THG5	וו ט	
	7 in	5TGD1	5TGT5	5THF4 7		HF5	7 in	5TGE3	5TGU7	5THG6	7 ir
	8 in	5TGD2	5TGT6	5THF5			8 in	5TGE4	5TGU8	5THG7	8 ir
	9 in	5TGD3	5TGT7	5THF6			9 in	5TGE5	5TGU9	5THG8	9 ir
	10 in	5TGD4	5TGT8	5THF7 1		10 in	5TGE6	5TGV0	5THG9	10 i	
	12 in	STCDS	STCTO	STHES		12 in	5TGF7	5TGV1	STHHO	121	

## <u>SPEEDAIRE</u>

## **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 0-ring static tube seal to prevent leaks. All cylinders come "switch ready".

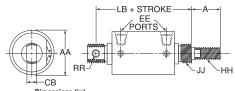
Mount Type	Fits	Item No.
Cylinder Mountin		
	11/8 in Bore	5VNY2
Clevis Bracket —	1½ Bore, 2 in Bore	5VNY3
Olevis Diacket —	2½ Bore, 3 in Bore	5VNY4
	4 in Bore	5VNY5
	11/8 in Bore	5VNW9
Cylinder	1½ in Bore, 2 in Bore	5VNX0
Mounting Nut	2½ in Bore, 3 in Bore	5VNX1
	4 in Bore	5VNX2
	11/8 in Bore	5VNX7
Flange Bracket —	1½ Bore, 2 in Bore	5VNX8
riallye blacket —	2½ in Bore, 3 in Bore	5VNX9
	4 in Bore	5VNY0
	11/8 in Bore	5VNX3
Foot Bracket —	1½ in Bore, 2 in Bore	5VNX4
FUUL DIACKEL —	2½ in Bore, 3 in Bore	5VNX5
	4 in Bore	5VNX6
	11/8 in Bore	5VNY1
	1½ in Bore	5VNW5
Rod Clevis	2 in Bore	5VNW6
_	2½ and 3 in Bore	5VNW7
	4 in Bore	5VNW8



DOUBLE-

ACTING

ACTING



DOUBLE-

ACTING

Bore Dia.	Α	LB	EE	RR	''', JJ	HH	AA	СВ
11/8	7/8	43/8	1/8	1/4	3/4-16	3/8-16	13/8	3/8
11/2	11/4	53/8	1/4	5/16	1-14	1/2-13	13/4	1/2
2	11/4	5%	1/4	5/16	1-14	5/8-11	21/4	1/2
21/2	11/2	63/8	3/8	7/16	1% -12	3/4-10	23/4	5/8
3	11/2	63/8	3/8	7/16	1% -12	3/4-10	31/4	5/8
4	11//8	81/16	1/2	1/2	1¾ -12	1-14	43/8	3/4
					Rod			

Bore	Inread	►CHOOSE:	item	Bore	inread	►CHOOSE:	item
Dia.	Size	Stroke	No.	Dia.	Size	Stroke	No.
Cylind	ers with Co	ushion		Cylind		out Cushion	
	1/2"-13	3 in, 4 in	D8502		1/2"-13	1 in, 1 ½ in, 2 in, 2 ½ in, 3 in, 4 in	D8468
	1/2"-13	5 in, 6 in, 7 in, 8 in	D8503		1/2"-13	5 in, 6 in, 7 in, 8 in	D8469
1½ in	1/2"-13	9 in, 10 in, 11 in	D8504	1½ in	1/2"-13	9 in, 10 in, 12 in	D8471
	1/2"-13	14 in, 15 in, 16 in, 18 in	D8505		1/2"-13	13 in, 14 in, 16 in, 17 in, 18 in	D8472
	1/2"-13	19 in, 20 in, 21 in, 24 in	D8506		1/2"-13	19 in, 20 in, 21 in, 24 in	D8473
	3/8"-16	3 in. 4 in	D8496		3/8"-16	1 in, 1 ½ in, 2 in, 2 ½ in, 3 in, 3 ½ in, 4 in	D8463
	3/8"-16	5 in, 6 in, 8 in	D8497		3/s"-16	5 in, 6 in, 7 in, 8 in	D8464
11/8 in	3/8"-16	13 in, 16 in, 18 in	D8499	11/8 in	3/8"-16	9 in, 10 in, 12 in	D8465
	3/8"-16	20 in, 21 in, 24 in	D8501		3/8"-16	13 in, 14 in, 16 in, 17 in, 18 in	D8466
	3/4"-10	3 in, 4 in	D8513		3/s"-16	20 in, 21 in, 23 in, 24 in	D8467
	3/4"-10	5 in, 6 in, 7 in, 8 in	D8514	2½ in	3/4"-10	1 in, 1 ½ in, 2 in, 2 ½ in, 3 in, 3 ½ in, 4 in	D8479
2½ in	3/4"-10	10 in, 12 in	D8515		3/4"-10	5 in, 6 in, 7 in, 8 in	D8481
	3/4"-10	18 in	D8516		3/4"-10	9 in, 10 in, 11 in, 12 in	D8482
-	3/4"-10	20 in, 24 in	D8517		3/4"-10	13 in, 16 in, 18 in	D8483
	5/8"-11	3 in, 3 ½ in, 4 in	D8507		3/4"-10	20 in, 23 in	D8484
	5/8"-11	5 in, 6 in, 7 in, 8 in	D8508		5/8"-11	1 in, 1 ½ in, 2 in, 2 ½ in, 3 in, 3 ½ in, 4 in	D8474
2 in	5/8"-11	10 in, 11 in, 12 in	D8509		5/8"-11	5 in, 6 in, 7 in, 8 in	D8475
	5/8"-11	13 in. 14 in. 15 in. 16 in. 18 in	D8511	2 in	5/8"-11	9 in, 10 in, 11 in, 12 in	D8476
	5/8"-11	19 in, 20 in, 24 in	D8512		5/8"-11	13 in, 14 in, 16 in, 17 in, 18 in	D8477
	3/4"-10	3 in, 3 ½ in, 4 in	D8518		5/8"-11	20 in, 21 in, 22 in, 24 in	D8478
	3/4"-10	5 in, 6 in, 7 in, 8 in	D8519		3/4"-10	1 in, 1 ½ in, 2 in, 2 ½ in, 3 in, 4 in	D8485
3 in	3/4"-10	9 in, 10 in, 12 in	D8521	3 in	3/4"-10	5 in, 6 in, 7 in, 8 in	D8486
	3/4"-10	14 in, 15 in, 17 in, 18 in	D8522	3 111	3/4"-10	9 in, 10 in, 11 in, 12 in	D8487
	3/4"-10	19 in, 20 in, 21 in, 22 in, 24 in	D8523		3/4"-10	14 in, 16 in, 17 in, 18 in	D8488
	1"-14	4 in	D8524		1"-14	1 in, 4 in	D8491
4.	1"-14	5 in, 6 in, 7 in, 8 in	D8525		1"-14	6 in, 7 in, 8 in	D8492
4 in	1"-14	10 in, 12 in	D8526	4 in	1"-14	9 in, 10 in, 11 in, 12 in	D8493
	1"-14	14 in	D8527		1"-14	14 in, 16 in	D8494
					1"-14	19 in, 22 in, 24 in	D8495

2420

L CHOOSE.

PUNDE: