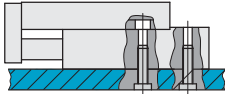


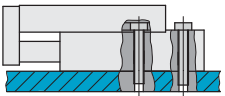
## Features

### Flexible mounting - 3 choices

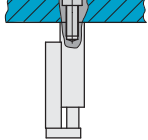
1. Side mounting (body tapped)



2. Side mounting (through hole)



3. Axial mounting (body end tapped)



## Specifications

Min. operating pressure 20 psi  
Max. operating pressure 100 psi  
Temperature range 15°F ~ 175°F  
Stroke tolerance +1.0mm, -0.

### Accurate, repeatable work piece mounting

Dowel hole and slot on table surface.



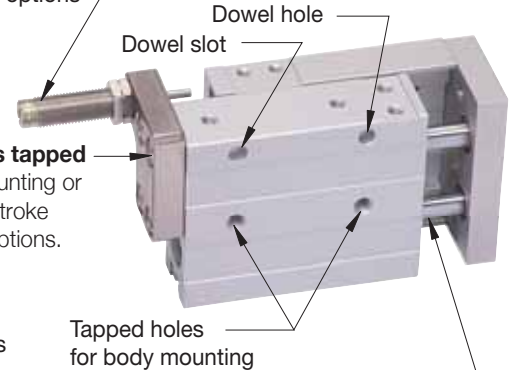
Body end is tapped for axial mounting or attaching stroke adjuster options.

Adjustable stroke options

### Position sensing

Magnetic pistons are standard on all table slides. Sensors are flush mountable in slot along body.

Shock absorber options



Tapped holes for body mounting

Dual pistons deliver twice the thrust.

9C49 Sensor with 6" pigtail and quick disconnect male connector

## How to order



Bore	Standard strokes (mm)
ø8	10, 20, 30, 40, 50, 75
ø12	10, 20, 30, 40, 50, 75, 100
ø16	10, 20, 30, 40, 50, 75, 100, 125
ø20	10, 20, 30, 40, 50, 75, 100, 125, 150
ø25	10, 20, 30, 40, 50, 75, 100, 125, 150

Consult factory for non-standard strokes.

Stroke adjuster option	
blank	Without adjuster
A	Adjuster at extension end
B	Adjuster at retraction end
C	Adjuster at both ends
D	Absorber at extension end
E	Absorber at retraction end
F	Absorber at both ends

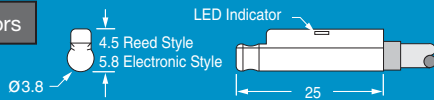
## Position sensors

9C49 Series Sensors  
Order sensors and cord sets separately from pricing and specs shown below.

## Price list

Model	Stroke (mm)									Adjustable Stroke			Shock Absorber		
	10	20	30	40	50	75	100	125	150	A	B	C	D	E	F
FGXS8 x □	\$222.95	\$222.95	\$244.75	\$266.55	\$281.10	\$293.20	-	-	-	\$13.35	\$10.90	\$23.05	\$47.25	\$48.50	\$94.50
FGXS12 x □	252.05	252.05	252.05	259.30	265.35	290.80	\$352.60	-	-	12.15	10.90	21.85	42.40	43.65	87.25
FGXS16 x □	261.70	261.70	261.70	264.15	270.20	295.65	359.85	\$468.90	-	13.35	12.15	24.25	46.05	48.50	101.80
FGXS20 x □	289.60	290.80	290.80	293.20	307.75	353.80	399.85	477.40	\$508.90	16.95	14.55	30.30	72.70	73.90	152.65
FGXS25 x □	318.70	318.70	318.70	319.90	334.45	386.50	434.95	517.35	557.35	19.45	16.95	33.95	75.15	78.75	162.40

### 9C49 Sensors



All 9C49 sensors feature surge protection, polarity protection, LED indicator, and extremely fast switching speeds.

Female Cord Sets	Part No.	Price
1 Meter	CFC-1M	\$15.05
2 Meters	CFC-2M	16.85
5 Meters	CFC-5M	21.30

9C49 Sensor Selection Guide		Prewired 9 ft. Leadwire	Quick Disconnect*
Sensor Type	Electrical Characteristics	Part No.	Part No.
Reed (LED)	5-120 VDC/VAC, 0.04 Amp max, 0.005 Amp min current, 4 Watt max., 2.5 voltage drop	9C49-000-002 . . . . . \$20.25	9C49-000-302 . . . . . \$27.00
Electronic (LED)	Sourcing PNP 6-30 VDC, 0.2 Amp max current, 6 Watt max., 1.5 voltage drop	9C49-000-031 . . . . . 28.65	9C49-000-331 . . . . . 33.25
Electronic (LED)	Sinking NPN 6-30 VDC, 0.2 Amp max current, 6 Watt max., 1.5 voltage drop	9C49-000-032 . . . . . 28.65	9C49-000-332 . . . . . 33.25

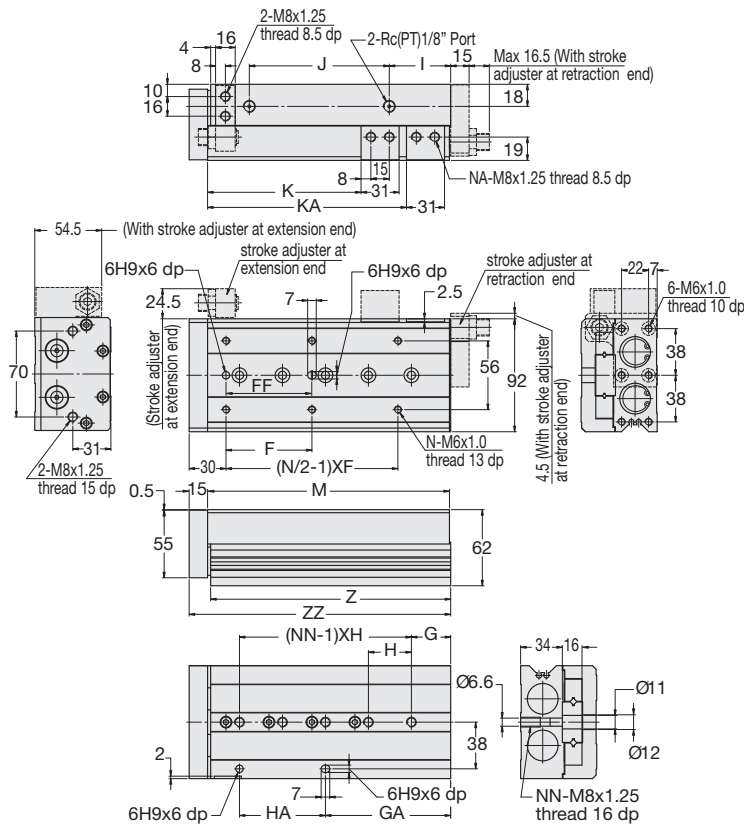
\*Note: All quick disconnect style sensors are supplied with 6 inch pigtail with male connector.

**Get complete technical info fast. Need a special?  
Email us at [service@fabco-air.com](mailto:service@fabco-air.com)**





## Bore sizes $\phi 25$ – Dimensions



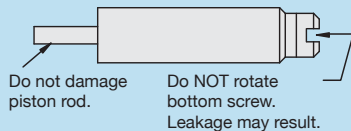
Model	F	FF	N	G	H	NN	GA
FGXS25-10	50	40	4	22	45	2	22
FGXS25-20	50	40	4	22	45	2	22
FGXS25-30	50	40	4	22	45	2	22
FGXS25-40	60	50	4	22	55	2	22
FGXS25-50	35	35	6	20	35	3	55
FGXS25-75	60	60	6	26	35	4	61
FGXS25-100	70	70	6	32	35	5	102
FGXS25-125	75	75	8	40	38	6	154
FGXS25-150	80	80	8	30	40	7	190

Model	HA	I	J	K	KA	NA
FGXS25-10	45	12	47	35	-	2
FGXS25-20	45	12	47	45	-	2
FGXS25-30	45	12	47	55	-	2
FGXS25-40	55	12	57	65	-	2
FGXS25-50	35	12	70	75	-	2
FGXS25-75	70	33	90	100	-	2
FGXS25-100	70	50	114	125	162	4
FGXS25-125	76	67	155	150	218	4
FGXS25-150	80	82	180	175	258	4

Model	M	Z	ZZ	Shock Absorber Info*		
				Extend Range	Retract Range	'A' Dim.
FGXS25-10	92	90.5	108	35	5	26
FGXS25-20	92	90.5	108	35	15	36
FGXS25-30	92	90.5	108	35	25	46
FGXS25-40	102	100.5	118	35	35	46
FGXS25-50	115	113.5	131	35	30	43
FGXS25-75	156	154.5	172	35	15	27
FGXS25-100	197	195.5	213	35	35	48
FGXS25-125	255	253.5	271	35	35	46
FGXS25-150	295	293.5	311	35	35	46

\*Note:  
See shock absorber mounting dimensions below.

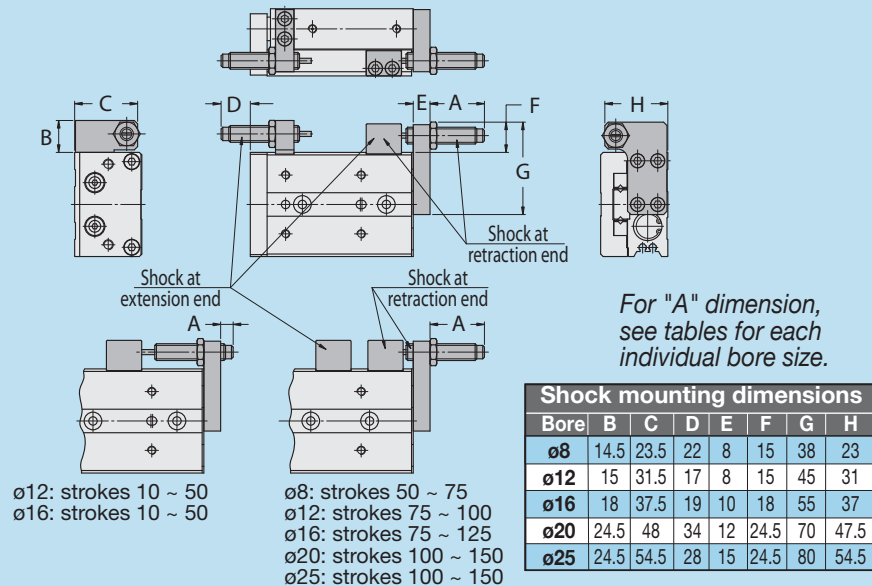
## Shock absorbers



Shock absorbers	
For model	Part number
FGXS8	FSA0806-SN
FGXS12	FSA0806-SN
FGXS16	FSA1007-SN
FGXS20	FSA1412-SN
FGXS25	FSA1412-SN

Lock nut tightening torque	
Model	Max Nm (lb-in)
FGXS8	1.67 (14)
FGXS12	
FGXS16	3.14 (27)
FGXS20	10.8 (95)
FGXS25	

## Shock absorber mounting dimensions



Shock mounting dimensions							
Bore	B	C	D	E	F	G	H
$\phi 8$	14.5	23.5	22	8	15	38	23
$\phi 12$	15	31.5	17	8	15	45	31
$\phi 16$	18	37.5	19	10	18	55	37
$\phi 20$	24.5	48	34	12	24.5	70	47.5
$\phi 25$	24.5	54.5	28	15	24.5	80	54.5