

AIR CYLINDER

Series A34, A35

Cat No A34, A35 - 01 - 01 - C

Single Acting Cylinder (Square Type) Front Spring (Ø40) mm

As per ISO 15552 / VDMA 24562 standards

Features

- ☐ Elastomer end cushioning
- ☐ Wide varieties of mounting as per ISO 15552 / VDMA 24562 standards
- ☐ Magnetic and Non magnetic version
- ☐ Aluminium profile (square) cylinder barrel
- ☐ Magnetic sensor common for all sizes (refer Magnetic sensor catalogue)
- ☐ Optional - High temperature (FKM seals) 150° C max **
- ☐ Optional - Non corrosive stainless steel piston rod and piston rod lock nut (SS304) **



Technical Specifications

Cylinder bore Ø	(mm)	40
Standard strokes *	(mm)	25, 50, 80
Medium	Compressed air - Filtered - Lubricated	
Working pressure	(bar)	1.5 to 10
Ambient temperature	(C)	-10° to +60°
Medium temperature	(C)	+5° to +50°
Materials of construction	Aluminium, Brass, Nitrile, Steel, Acetal, Polyurethane	
Mountings	Basic cylinder, Foot mounting, Front flange, Rear flange, Male Clevis, Male Clevis (with Spherical bearing), Female clevis, Female clevis (King pin), Front trunnion, Rear trunnion, Adjustable trunnion	
Accessories	Clevis foot bracket, Clevis foot bracket (Spherical), Wall mounting bracket, Trunnion bracket, Rod end fork, Rod end aligner, Rod end spherical eye	

* For Non standard or longer stroke cylinders, contact your regional dealer or **JANATICS**

** Refer Special Ordering number.

Note: Mountings and Accessories refer A23, A24 series.

Output force in N (1N = 0.1 kgf)

Cylinder bore Ø (in mm)	Rod Ø (in mm)		Working pressure in bar								
			2	3	4	5	6	7	8	9	10
40	16	Extend	160	273	386	499	612	726	859	952	1064

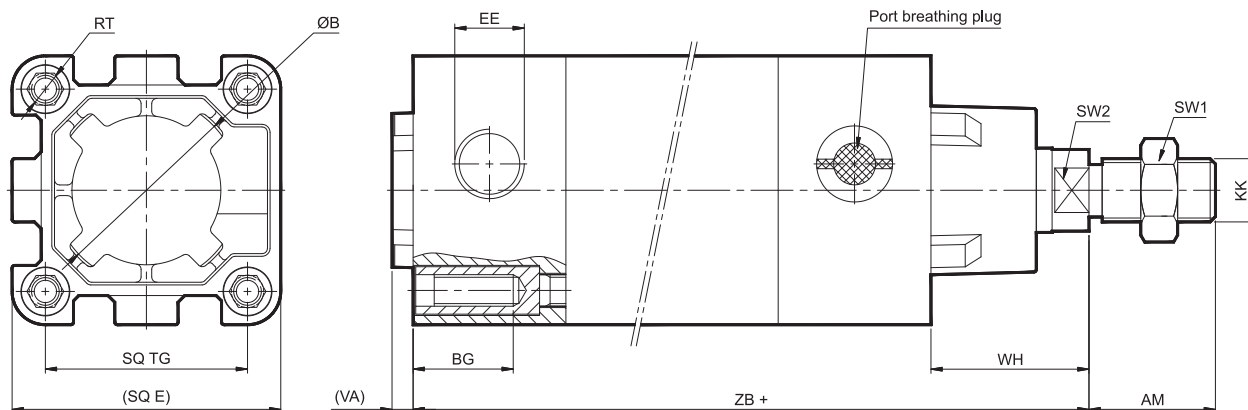
Note: Magnetic sensor details, refer enclosure Series AM4, Series AM42 (Page no. 1a.1.1 & 1a.2.1 in Pneumatic Actuators catalogue)

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Basic cylinder - Ø40 mm



+ Add stroke

Bore Ø	KK	AM	SW2	SW1	ØB e11	VA	E Max	TG	RT	BG min	EE	WH	Tol	ZB	Tol	Stroke tol
40	M12 x 1.25	24	13	19	35	4	51	38	M6	16	G1/4	30	±1.3	135	±1	+2 0

How to order

A	34	040	050	O	—	Optional	
Model		Cylinder bore (mm)		Stroke (mm)		Mountings	Special Cylinders
34	Standard cylinder	040	- Ø 40	025	- 25	O - Basic	H - High temp
35	Magnetic cylinder			050	- 50		S - SS piston rod
				080	- 80		

Ordering Example:

Ordering no. for standard cylinder with 40 dia bore, 50 mm stroke: **A34 040 050 O**

Ordering no. for standard cylinder with 40 dia bore, 50 mm stroke with High temp: **A34 040 050 O - H**

For your special requirements of cylinders or for further informations contact your regional dealer or **JANATICS**