

SQN Compact Series

Description

The SQN series compact pneumatic cylinder has a bore size ranging from 12 to 100 mm. All dynamic seals are imported and are lubricated with grease. The cylinder features robust, self-lubricating bronze bearings, providing high guiding performance and concentricity. Its piston rod and rod connection have a rotary riveting structure that ensures high concentricity, smooth running, and low starting pressure.

The compact cylinder has slots for three-sided magnetic switches for easier mounting. The rear cap and cylinder body are riveted together, ensuring superior assembling reliability. The front cap and barrel are connected by a buckle, making maintenance easier.

Features

- All dynamic seals from Japan, with German grease, longer life
- Strong self-lubricating bronze bearings, high lateral loading performance
- Piston rod and rod connection is rotary riveted, high concentricity
- Rear cover and body are riveted together, reliable

Specifications

Cylinder type	Double acting, magnetic positioning
Max. working pressure	10 bar
Operating temperature	-20°C to +80°C (dry air)
Available bore size	ø16, ø20, ø25, ø32, ø40, ø50 mm
Available stroke length	0 – 50 mm
Cushion type	Anti-bump cushioning
Mounting type	Through hole mounting



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SQN Series Diamond Profile Cylinder
16 mm Bore

Part Number	Bore	Stroke
EM-SQN16X30-S	16 mm	30 mm

20 mm Bore

EM-SQN20X10-S	20 mm	10 mm
EM-SQN20X15-S	20 mm	15 mm
EM-SQN20X20-S	20 mm	20 mm
EM-SQN20X25-S	20 mm	25 mm
EM-SQN20X30-S	20 mm	30 mm
EM-SQN20X40-S	20 mm	40 mm
EM-SQN20X50-S	20 mm	50 mm

25 mm Bore

EM-SQN25X10-S	25 mm	10 mm
EM-SQN25X15-S	25 mm	15 mm
EM-SQN25X20-S	25 mm	20 mm
EM-SQN25X25-S	25 mm	25 mm
EM-SQN25X30-S	25 mm	30 mm
EM-SQN25X40-S	25 mm	40 mm
EM-SQN25X50-S	25 mm	50 mm



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SQN Series Square Profile Cylinder
32 mm Bore

Part Number	Bore	Stroke
EM-SQN32X10-S	32 mm	10 mm
EM-SQN32X15-S	32 mm	15 mm
EM-SQN32X20-S	32 mm	20 mm
EM-SQN32X25-S	32 mm	25 mm
EM-SQN32X30-S	32 mm	30 mm
EM-SQN32X40-S	32 mm	40 mm
EM-SQN32X50-S	32 mm	50 mm

40 mm Bore

EM-SQN40X10-S	40 mm	10 mm
EM-SQN40X15-S	40 mm	15 mm
EM-SQN40X20-S	40 mm	20 mm
EM-SQN40X25-S	40 mm	25 mm
EM-SQN40X30-S	40 mm	30 mm
EM-SQN40X40-S	40 mm	40 mm
EM-SQN40X50-S	40 mm	50 mm

50 mm Bore

EM-SQN50X10-S	50 mm	10 mm
EM-SQN50X15-S	50 mm	15 mm
EM-SQN50X20-S	50 mm	20 mm
EM-SQN50X25-S	50 mm	25 mm
EM-SQN50X30-S	50 mm	30 mm
EM-SQN50X40-S	50 mm	40 mm
EM-SQN50X50-S	50 mm	50 mm

Additional strokes available on all bore sizes