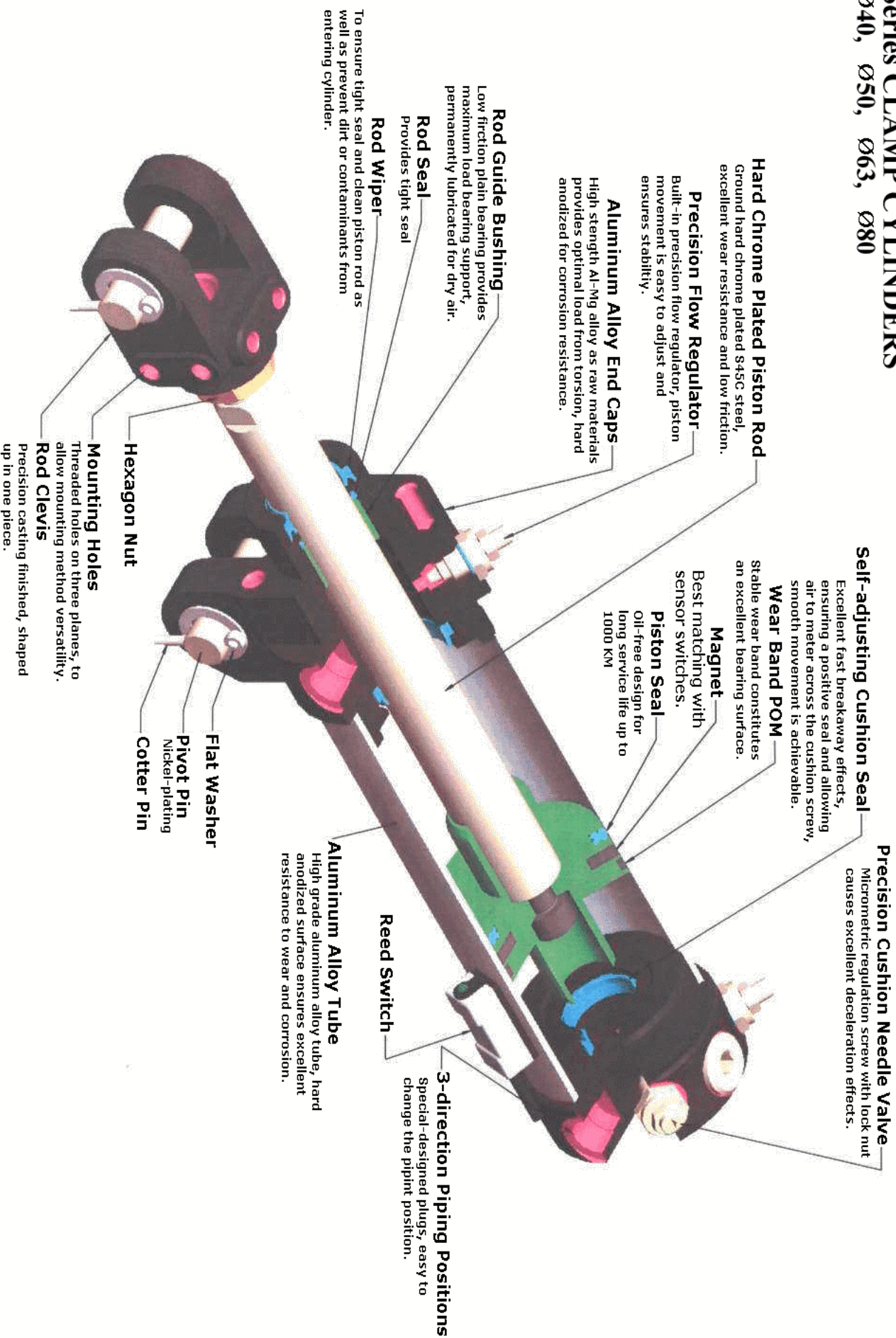


AKS Series CLAMP CYLINDERS

Bore Ø40, Ø50, Ø63, Ø80



Self-adjusting Cushion Seal
Excellent fast breakaway effects, ensuring a positive seal and allowing air to meter across the cushion screw, smooth movement is achievable.

Precision Cushion Needle Valve
Micrometric regulation screw with lock nut causes excellent deceleration effects.

Hard Chrome Plated Piston Rod
Ground hard chrome plated S45C steel, excellent wear resistance and low friction.

Wear Band POM
Stable wear band constitutes an excellent bearing surface.

Precision Flow Regulator
Built-in precision flow regulator, piston movement is easy to adjust and ensures stability.

Magnet
Best matching with sensor switches.

Aluminum Alloy End Caps
High strength Al-Mg alloy as raw materials provides optimal load from torsion, hard anodized for corrosion resistance.

Piston Seal
Oil-free design for long service life up to 1000 KM

3-direction Piping Positions
Special-designed plugs, easy to change the pipint position.

Rod Guide Bushing
Low friction plain bearing provides maximum load bearing support, permanently lubricated for dry air.

Rod Seal
Provides tight seal

Rod Wiper
To ensure tight seal and clean piston rod as well as prevent dirt or contaminants from entering cylinder.

Aluminum Alloy Tube
High grade aluminum alloy tube, hard anodized surface ensures excellent resistance to wear and corrosion.

Reed Switch

Flat Washer

Pivot Pin

Nickel-plating

Cotter Pin

Hexagon Nut

Mounting Holes

Threaded holes on three planes, to allow mounting method versatility.

Rod Clevis

Precision casting finished, shaped up in one piece.

Features:





- Using anodized aluminium alloy barrel ensures better abrasion and corrosion proof.
- Use unlubricated bush, seals for durable service life.
- Piping position is versatile.
- With cushion at both ends to reduce impact.
- Available with magnetic piston for reed switch.



Specifications:

Action	Standard type	Acting type
Series	AKS	AKSR
Bore	ø40, ø50, ø63, ø80	
Operating fluid	Compressed Air	
Operating pressure	0.7-9.9 kgf/cm ²	
Proof pressure	15 kgf/cm ²	
Speed range	50-500mm/sec	
Temperature range	-10°C+70°C	
Cushion	With adj. cushion at both ends	
Lubrication	Not required	

How to Order:

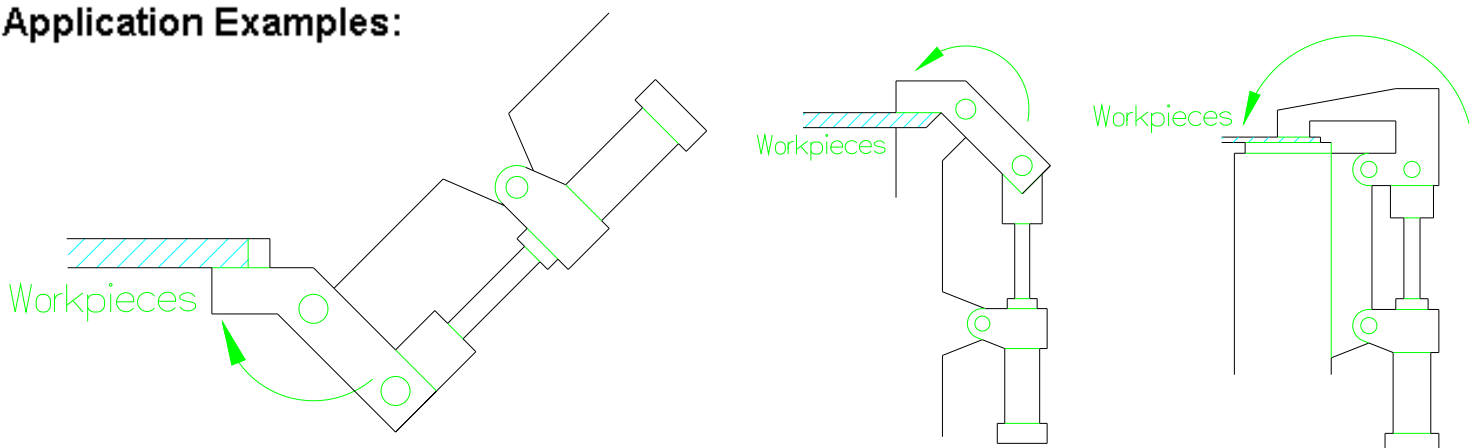
AKS	R	40	*	50	Y	CS	2
Series	With magnet	Bore		Stroke	Mounting type	Reed switch	Switch quantity
AKS Standard type 		ø40 ø50 ø63 ø80		25~150mm	Y Rod clevis  I Rod clevis 	CS-22: DC/AC 4~220V 	1 : 1 PC 2 : 2 PCS

Weight Table:

Unit: g

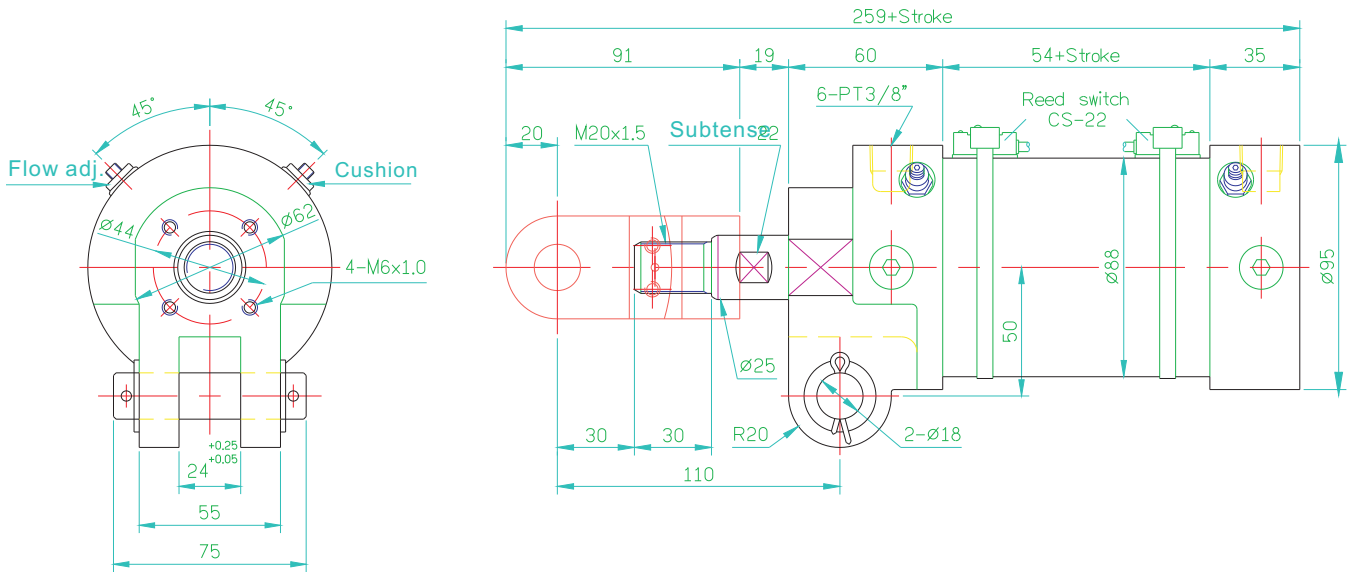
type \ stroke	25	50	75	100	125	150	Above 150
AKS 40	909	1015	1122	1228	1335	1441	Per 25mm stroke add 107g
AKS 50	1026	1163	1300	1437	1574	1711	Per 25mm stroke add 137g
AKS 63	1300	1416	1533	1649	1766	1883	Per 25mm stroke add 117g

Application Examples:

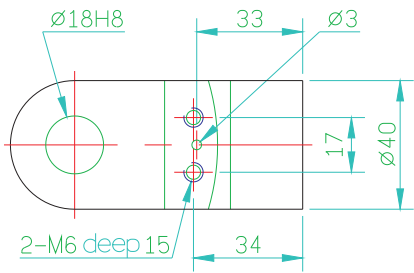


External Dimensions:

- AKS 80



- Rod Clevis Y:



- Pin:

