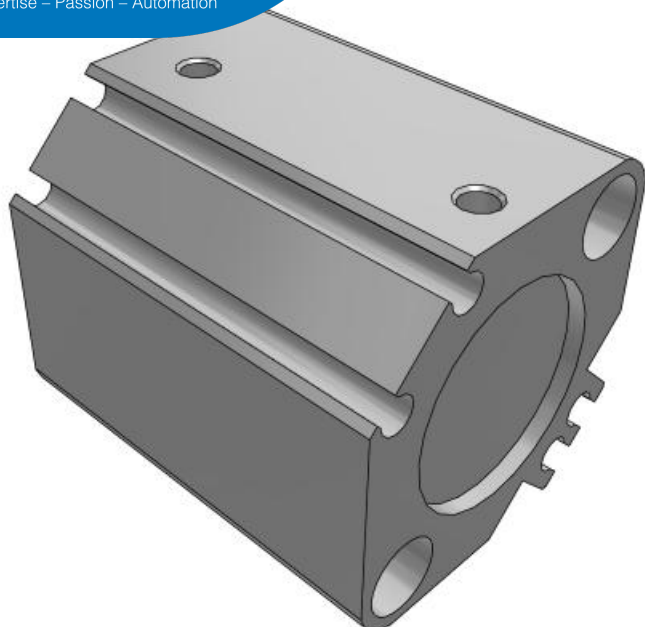
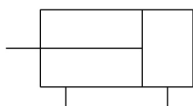




C(D)Q2, Compact Cylinder, Double Acting, Single Rod w/Auto Switch Mounting Groove CDQ2B25-20DCZ

[Datablad](#)

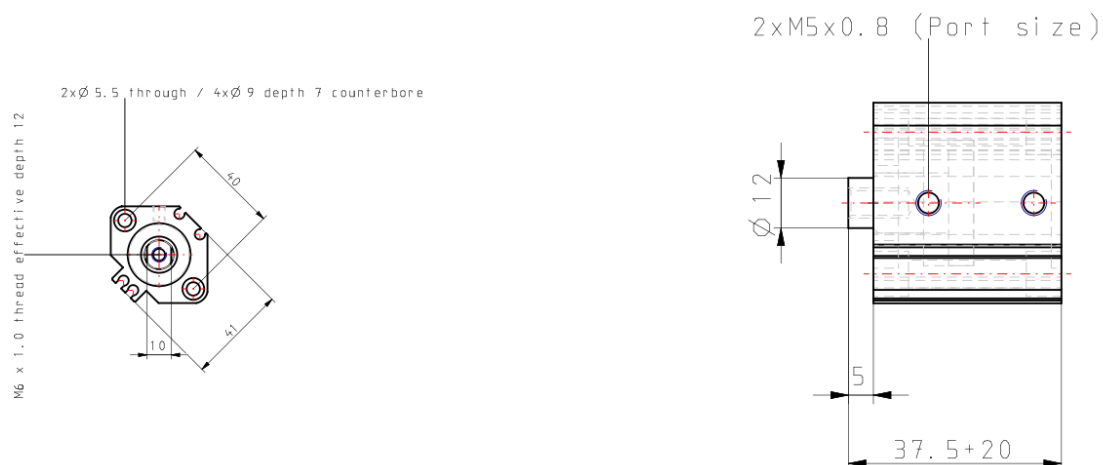
Following a review of our popular CQ2 compact cylinder Series our R&D engineers have totally redesigned the complete cylinder range to bring you even more performance benefits and increased cylinder options. The major difference between the new CQ2 range and the old model is the totally redesigned body, which offers improved auto-switch mounting possibilities plus an overall reduction of cylinder weight of between 5 -13% depending on the model. Now, all CQ2 cylinders from Ø 32 to 200mm are designed with slide in grooves which can accommodate auto-switches on all four cylinder sides without the need for auto-switch brackets. And, for smaller bore sizes between Ø 12 and 25mm, slide in grooves have also been integrated in the new body design to accommodate bracket free auto-switches on two surfaces. Designed for use with our simple to set, dual colour, solid state auto-switches, the integrated auto-switch channel ensures total protection against potential accidental damage and improved health and safety benefits during both installation and maintenance procedures.



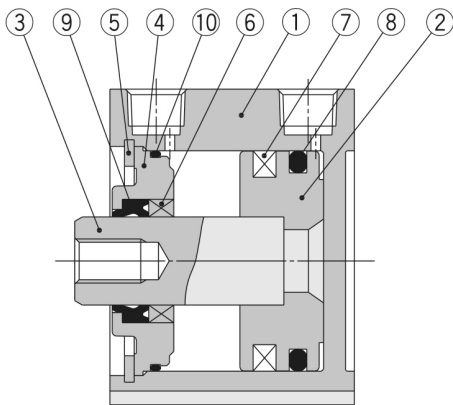
Standardspecifikationer

Magnet	D (Built-in)
Mounting	B (Through Hole [Standard])
Type	Standard
Bore Size	25mm
Port Thread Type	Rc: 32-100 Bore
M Thread 12 to 25 Bore	
Lube-retainer	Without Stable Lubrication Function
Stroke	20
Body Option	C (Rubber Bumper)
Auto Switch Groove	Z (Auto Switch Mounting Grooves)
Auto Switch	No Switch
Lead Wire or Prewired Connector	0.5m or None in the Case of No Switch
Number	2 pcs. or None in the Case of No Switch
Rod End Options	None
Temperature Resistance	None
Low Speed	None
Made of Stainless Steel	None
Fluororubber Seal	None
Trykmedie	Compressed air
Maximum temperature of pressure medium	70 °C
Maximum temperature of pressure medium with magnet	60 °C
Minimum temperature of pressure medium	-10 °C [without condensation]
Minimum temperature of pressure medium with magnet	-10 °C [without condensation]
Maximal operating pressure	1.0 MPa
Minimum operating pressure	0,05 Mpa
Proof pressure	1.5 MPa
Maximum ambient temperature	70 °C
Maksimal omgivelsestemperatur med magnet	60 °C
Maximum ambient temperature with magnet	60 °C
Minimum ambient temperature	-10 °C [without condensation]
Minimum ambient temperature with magnet	-10 °C [without condensation]
I overensstemmelse med det europæiske RoHS-direktiv	Not conform
Antal pneumatiske forbindelser	2 pcs.
Pneumatic input connection	M5
Driftstilstand for drev	Double acting
Theoretical cylinder force, advance stroke (at 0.5 MPa)	245 N
Theoretical cylinder force, return stroke (at 0.5 MPa)	189 N
Maximum piston speed	500 mm/s
Stempelstangens geometriske form	Single rod
Malethread of rod end	M10 x 1.25
Femalethread of rod end	M6 x 1.0
Minimum piston speed	50 mm/s
Weight	0.209 Kg

Dimensioner



Konstruktion



Component Parts

No.	Description	Material	Note
1	Cylinder tube	Aluminum alloy	Hard anodised
2	Piston	Aluminum alloy	Chromated
3	Piston rod	Stainless steel	ø12 to ø25
		Carbon steel	ø32 to ø100, Hard chrome plated
4	Collar	Aluminum alloy	ø12 to ø40, Anodised
		Aluminum alloy casted	ø50 to ø100, Chromated, Painted
5	Retaining ring	Carbon tool steel	Phosphate coated
6	Bushing	Bearing alloy	For ø50 or more only
7	Magnet	—	
8	Piston seal	NBR	
9	Rod seal	NBR	
10	Gasket	NBR	

Yderligere oplysninger

Katalog

CQ2-Z-B_EU.pdf

Beslægtede produkter



JB, Floating Joint for Compact Cylinders



AS*2/3*1F-A, Speed Controller with One-touch Fitting, Push Lock, Elbow/Universal Type



SY5000, 5 Port Solenoid Valve, All Types (New Product)



RJ, Shock Absorber, Soft Type



M9NW/M9PW/M9BW, 2 Colour Indication Style Solid State Switch, Direct Mounting, Grommet, In-line