

# Specifications

Bore size (mm)	ø <b>160</b>	ø <b>200</b>	ø <b>250</b>
Action	Double Acting, Single Rod		
Fluid	Air		
Proof pressure	1.5 MPa		
Max. operating pressure	1.0 MPa		
Min. operating pressure	0.05 MPa		
Ambient and fluid temperature	-10 to 60°C (No freezing)		
Lubrication	Not required (Non-lube)		
Piston speed	50 to 500 mm/s		
a	Up to 250: $^{+1.0}_{0}$ , 251 to 1000: $^{+1.4}_{0}$ , 1001 to 1500: $^{+1.8}_{0}$		
Stroke tolerance	1501 to 2000: $^{+2.2}_{0}$ , 2001 to 2400: $^{+2.6}_{0}$		
Cushion	Both ends (Air cushion)		
Port size	G3/4	G3/4	G1
Mounting	Basic, Axial foot, Rod side flange, Head side flange, Single clevis, Double clevis, Centre trunnion		

### Mounting Bracket, Mounting Accessories

Description	Bore size	ø <b>160</b>	ø <b>200</b>	ø <b>250</b>
L	Foot	L5160	L5200	L5250
F, G	Flange	F5160	F5200	F5250
С	Single clevis	C5160	C5200	C5250
D	Double clevis	D5160	D5200	D5250
GKM	Rod clevis (2)	GKM35-54 GKM40-8		GKM40-84
КJ	Piston rod <sup>(3)</sup> ball joint	KJ36D KJ42D		

Note 1) Accessories for each mounting bracket are as follows. Foot, Flange, Single clevis: Mounting bolts

Double clevis: Mounting bolts, Clevis pin

Note 2) GKM according to ISO 8140 (Except GKM35-54)

Note 3) KJ according to ISO 8139

Bore size (mm)	Standard	XC6	XC14	
160	2000	1600	2000	
200	2000	1600	2000	

 250
 2400
 1500
 2400

 \* Please consult with SMC for longer strokes.

## Class 2 Pressure Vessel

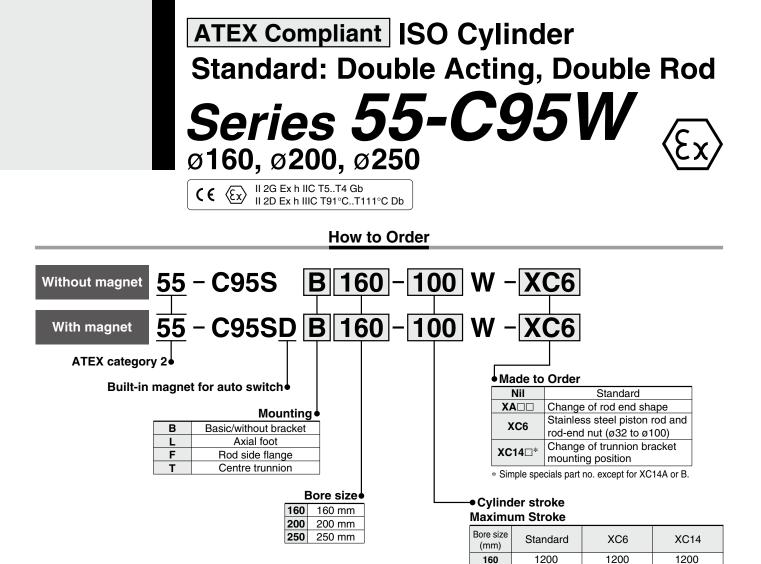
Series C95 can not be used as the Class 2 Pressure Vessels. If the stroke exceeds the following values, the cylinder with such stroke can not be installed or used in Japan.

Bore size (mm)	Cylinder stroke (mm)
160	1987
200	998
250	813

All other specifications are the same as the standard products Series C95. Click here for details.

Refer to page 69 for applicable auto switches.





## Specifications

Bore size (mm)	ø <b>160</b>	ø <b>200</b>	ø <b>250</b>
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Lubrication	Not required (Non-lube)		
Piston speed	50 to 500 mm/s		
Stroke tolerance	Up to 250: $^{+1.0}_{0}$ , 251 to 1000: $^{+1.4}_{0}$ , 1001 to 1500: $^{+1.8}_{0}$		
	1501 to 2000: $^{+2.2}_{0}$ , 2001 to 2400: $^{+2.6}_{0}$		
Cushion	Both ends (Air cushion)		
Port size	G3/4	G3/4	G1
Mounting	Basic, Axial foot, Rod side flange, Centre trunnion		

### Mounting Bracket, Mounting Accessories

Description	Bore size	ø <b>160</b>	ø <b>200</b>	ø <b>250</b>
L	Foot	L5160	L5200	L5250
F	Flange	F5160	F5200	F5250
GKM	Rod clevis (2)	GKM35-54		GKM40-84
КJ	Piston rod <sup>(3)</sup> ball joint	KJ36D		KJ42D

Note 1) Mounting bolts are shipped together for foot style and flange style.

Note 2) GKM according to ISO 8140 (Except GKM35-54)

Note 3) KJ according to ISO 8139

\* Please consult with SMC for longer strokes.

## Class 2 Pressure Vessel

1200

1200

200

250

Series C95 can not be used as the Class 2 Pressure Vessels. If the stroke exceeds the following values, the cylinder with such stroke can not be installed or used in Japan.

1200

1200

1200

1200

Bore size (mm)	Cylinder stroke (mm)
200	998
250	813

All other specifications are the same as the standard products Series C95W. Click here for details.

Refer to page 69 for applicable auto switches.

