



C SERIES INSTALLATION, OPERATION, MAINTENANCE INSTRUCTIONS



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C SERIES

SIZE: 1" (DN25) - 8" (DN200)

ASSEMBLY INSTRUCTIONS:

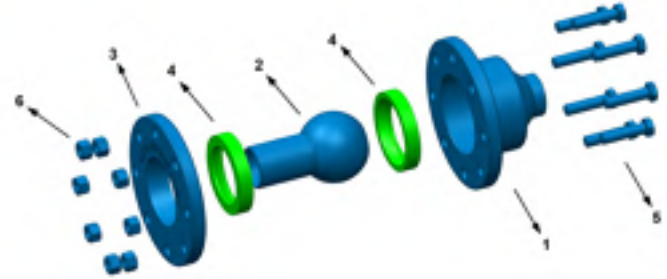
- 1.C Series ball joints are designed for articulated motion only. Do not use for continuous rotation.
- 2.C Series ball joints allow piping systems to move in 2 or more planes.
- 3.C Series ball joints allow piping system $\pm 15^\circ$ angular movement.
- 4.C Series swivel joints are assembled with different configuration of seals for different applications. For optimum seal performance according to your application, please consult factory.
- 5.C Series ball joints are supplied with threaded, weld end and flanged.
- 6.Weld end ball joints are manufacturing according to pressure class.
- 7.C Series ball joints are designed for max. 20 bar (300psi).
- 8.C Series ball joints have max. 220°C / (430°F) temperature rating.

ASSEMBLY

- 1.Always assemble housing connection first.
- 2.Becareful not to apply force on the housing when assembling the ball joint to the system.
- 3.For weld end models; do not allow heat and fire on the joint when assembling the ball joint to the system.
- 4.Check smooth rotation of the ball joint after assembly. If any eccentricity is seen, disassemble the joint and assemble it again.

MAINTENANCE

- 1.Unless otherwise stated, C Series ball joints do not need lubrication.
- 2.As sealing is assured between shaft/seal ring and o-ring/housing; when doing maintenance seal ring must be changed and shaft must be assembled with a new o-ring.
- 3.If any leakage is seen, ball joint must be disassembled from the system and all worn out parts must be changed. Never use a leaking ball joint.



C SERIES SPARE PARTS LIST

1	C SERIES HOUSING	1
2	C SERIES SHAFT	1
3	C SERIES HOUSING FLANGE	1
4*	SEAL RING	2
5	BOLTS	X
6	NUT	X

* Spare parts set