

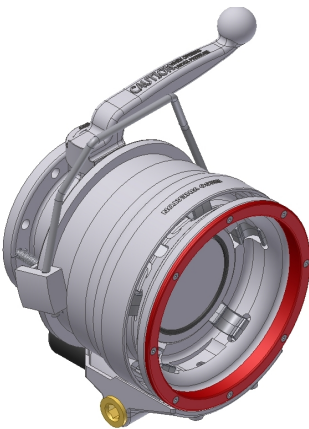
J045# Series Installation Sheet API Adaptor Coupler



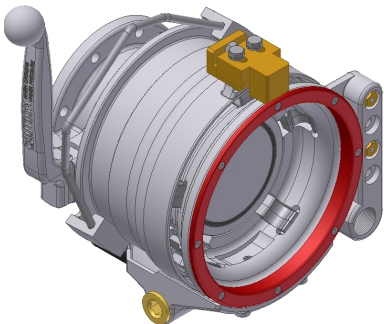
J0451-#5##



J0452-#5##



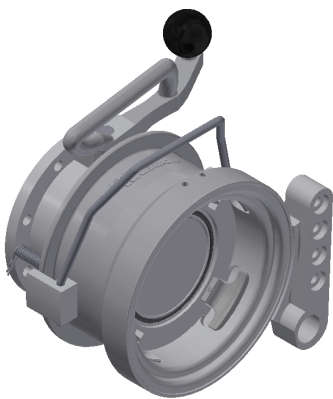
J0452-#5###



J0452-#5####



J0453-#5###



J0452-#5####

Selection Guide

J045# -

5

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Series

- 1 - Manual
- 2 - Snap On
- 3 - New Snap On

Lever Position

- 0 - Top
- 1 - Side

Seal

- 1 - Viton
- 2 - Buna
- 3 - Low Temp

Additional Extras

- P - Pump
- S - Sensor
- M - Magnetic Sleeve

Example selection: - J0453-051P = J0453 series, top level with Viton Seals and Pump

CAUTION

API couplers should always be used in conjunction with a primary shutoff system such as a meter with preset valve. A relief valve must be provided for the trapped product between the secondary shutoff and the API coupler.

These couplers are intended for use on bottom loading arms used for loading petroleum tank trucks with petroleum spirit and fuel oils in a designated loading terminal gantry. It is suitable for use in a Zone 1 rated hazardous area. It is ATEX Certified Group II Category 2 G, Safe by Design, Gas group IIA, Temperature Rating T4

CE 0598  II 2G c IIA T4 -20<=Ta<=+90C.

		Series		
	Parameters	J0451	J0452	J0453
	Weight (Kg)	9.8	9.8	7.1
	Length (mm)	220	222	178
	Operating Window (mm)	202	203	156
	Test Pressure (Bar)	16	25	25
	MWP (Bar)	10	10-16	10-16
Options	Pump	NO	Yes	Yes
	Sensor	Yes	Yes	Yes
	Product ID Sensor	No	Yes	Yes

Design Standard API RP 1004 8th EDITION 2003 - Bottom Loading and Vapor Recovery; AS5602-2009.

EN 13083:2008+A1:20133 (Note: this standard has replaced API Recommended Practice 1004 as the defining standard for bottom loading "API" adaptors in Europe)

Mounting

- All the couplers feature a industry standard 100 mm 4" TTMA Flange
- 8 holes Ø11 mm on 149 mm PCD
- Use spring washers when mounting coupler as per common industry practice. Tighten flange bolts evenly in cross pattern to prevent damage to flange when fitting.

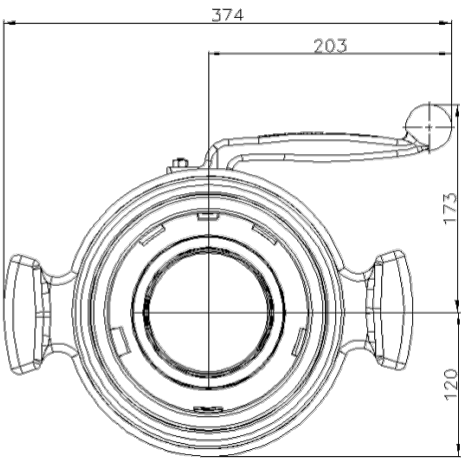
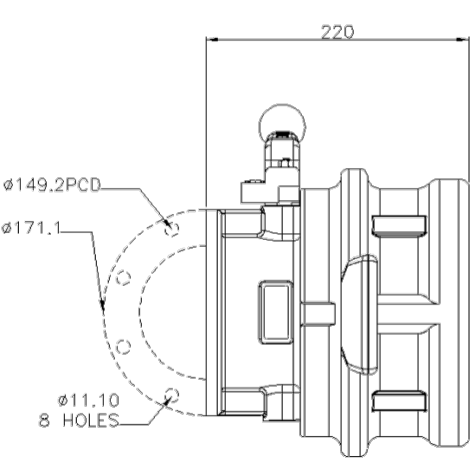
WARNING

Adequate grounding of the fuel transport cannot be assured by connecting an API coupler to an API adaptor. These units usually are anodised or hard coated and may be electrically insulative.

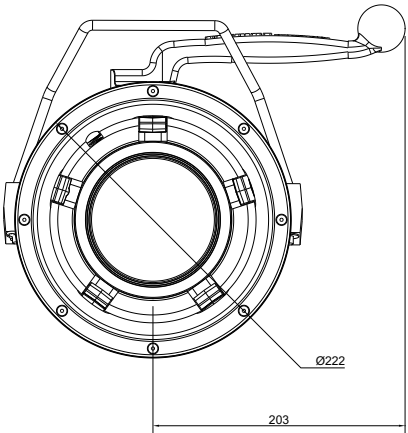
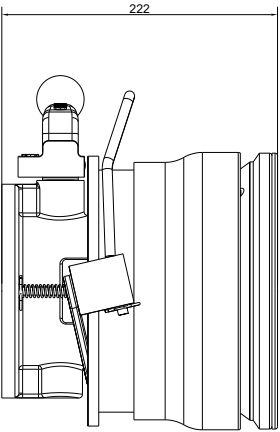
Check seals regularly for signs or wear, and replace when necessary. Contact your Emco Wheaton distributor for details of the service kits available. Servicing instructions are can be found on service sheet SSJ045# Series.

Adjustment or Service Refer to Maintenance Instructions document alternatively contact Emco Wheaton

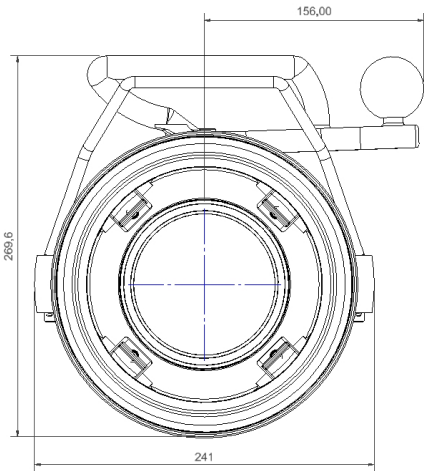
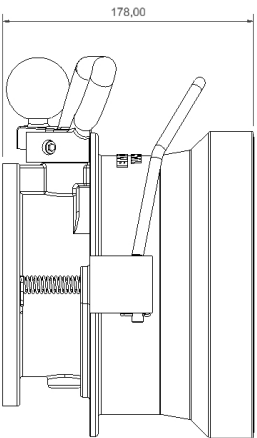
J0451 Series



J0452 Series



J0453 Series



EMCO WHEATON
A Gardner Denver Company

EU Declaration of Conformity

The manufacturer or his in the community established authorised representative:

Gardner Denver Ltd
T/A Emco Wheaton & Todo
Channel Road
Westwood Industrial Estate
Margate
Kent CT9 4JR

Declares that the product

J0451 Series Coupler
J0452 Series Coupler
J0453 Series Coupler

Based on:

EC – Type Examination Certificate Baseefa03ATEX0330X/1
Harmonised standard BS EN 13463-5:2011

Complies with:

ATEX Directive 2014/34/EU

Quality Assurance Notification (Number: Baseefa ATEX 5075) complying with Annex IV and VII of
ATEX Directive 2014/34/EU has been issued by Notified Body Number: 0598

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