

# PRODUCT DATASHEET – KONNECT

Loading Arm Systems for Road and Rail

EB2852 Bottom Loading



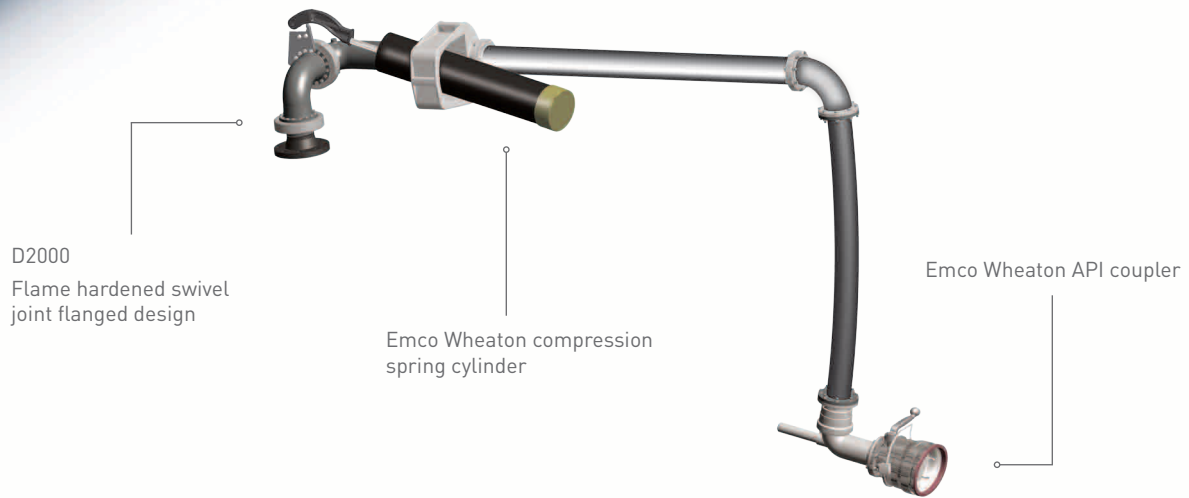
**EMICO WHEATON**

*A Gardner Denver Product*

RAIL

MARINE





Developed for bottom loading and unloading of road and rail tankers and compatible with all types of fuels, this type of loading arm achieves excellent side connection using a 4" Emco Wheaton API coupler.

Designed in accordance with the API RP1004 dimensional requirements.

Size: 4" DN100

Right hand design / left hand design

Product entry from below / Balanced by spring cylinder

Design pressure: 10 bar / 150 PSI up to the flange

Design temperature: -40°C to +50°C / -40°F to +122°F

Product: Oil products

**MATERIALS:**

- Inlet flanges - EN P250 6H / ASTM A 105
- Pipes, elbows at Inlet - Carbon steel cast EN-GJS-350-22
- Swivel joint bearing module - 42CrMo4 / Aluminum
- Swivel joint seals - Viton
- Cylinder bracket - G-ALSi7Mg0,3 / 356-T6
- A-length / connection swivel joint - AIMGSi 1 F32
- Hose - Rubber composite steel

**DIMENSIONS:**

- A = 1200 to 2300 mm / 47" to 91"
- B = 1800 to 3900 mm / 71" to 154"

Dimensions can be adjusted according to the requirements of the installation.

**CONNECTIONS:**

- 4" Inlet flange to ASA 150 LB RF / EN 1092 - 1 Form B1

**PAINTING:**

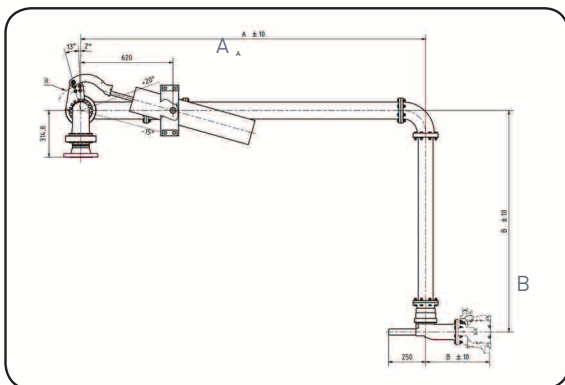
- One coat of Emco Wheaton standard primer on all external carbon steel parts, 40 µm

**COMPONENTS:**

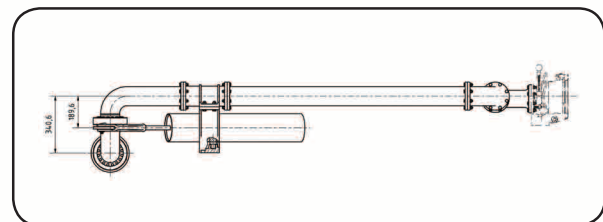
- 2 off D2000 carbon steel swivel joints, internally flanged, sealing surfaces are micro finished, flame hardened ball raceway
- 1 off aluminum swivel joint, internally flanged at connection
- Spring cylinder for balancing of up and down movement
- API Dry break coupler type J0... (per Option).

**STANDARD DOCUMENTATION:**

- GA Drawing
- Standard Installation, Operation and Maintenance Manual
- Certificate of conformity



Plan View



Top View