

Parker Product Datasheet



Ermeto weld bulkheads are suitable for all popular weld fittings and meet the stringent requirements which are placed on individual components in complex welding procedures.

PART NUMBER: ESV38S
PRODUCT SERIES: EO Heavy
CONNECTION 1 TYPE: 24° Cone
BODY MATERIAL: Steel
CONNECTION 1 SIZE: 38 mm (O.D.)
CONNECTION 2 SIZE: 38 mm (O.D.)
CONNECTION 2 TYPE: 24° Cone

PRODUCT OVERVIEW

Ermeto weld bulkheads, type ESV, enable the connection of straight metric tube lines with identical outer diameters through a bulkhead partition and secured by welding to the bulkhead partition. Ermeto weld bulkheads are available in all sizes from 6 – 38/42 in the light and heavy series.

Markets:

- Press construction
- Heavy machinery building
- Power station construction
- Shipbuilding

Applications:

- Suitable for general hydraulic applications.

Features/ benefits:

- Ermeto weld bulkheads, type ESV, enable the connection of straight metric tube lines with identical outer diameters through a bulkhead partition and secured by welding to the bulkhead partition.
- Weld bulkheads are available in stainless steel. The steel version is with a strong corrosion resistant Cr(VI)-free version, which extends the lifetime cycle of the component.
- Insufficiently assembled weld bulkheads do not come apart without warning. The user can react early enough because the connectors indicate the problem by leaking and they can be retightened.

TECH SPECIFICATIONS

PRODUCT SERIES	EO Heavy
MINIMUM AMBIENT TEMPERATURE	-40 °F
APPLICATION	Mobile Equipment
MAXIMUM AMBIENT TEMPERATURE	250 °C
FOR FLUID TYPE	Fuels
INDUSTRY	Industrial Manufacturing Equipment
INDUSTRY	Transportation
MAXIMUM OPERATING PRESSURE	420 bar
MINIMUM FLUID TEMPERATURE	-40 °C
FOR FLUID TYPE	Hydraulic Fluids
INDUSTRY	Automotive
INDUSTRY	Marine
APPLICATION	Chemical Transfer
CONNECTION 2 SIZE	38 mm Tube O.D.
CONNECTION 2 TYPE	24° Cone

MINIMUM AMBIENT TEMPERATURE	-40 °C
APPLICATION	Hydraulics
MAXIMUM AMBIENT TEMPERATURE	482 °F
FOR FLUID TYPE	Chemicals
INDUSTRY	Agriculture
INDUSTRY	Material Handling
APPLICATION	Fuel Transfer
MINIMUM FLUID TEMPERATURE	-40 °F
SEAL TYPE	Sealing Edge
BRAND	Ermeto
APPLICATION	Oilfield
PRODUCT TYPE	Weld Fittings
FOR FLUID TYPE	Gases
INDUSTRY	Construction
CONNECTION 1 TYPE	24° Cone
SHAPE	Straight
TECHNOLOGY	Fluid & Gas Handling
FOR FLUID TYPE	Steam
CONFIGURATION	Tube to Tube
APPLICATION	Packaging
PRODUCT TYPE	Hydraulic DIN Fittings
MAXIMUM FLUID TEMPERATURE	482 °F
DIVISION	High Pressure Connectors Europe Division
MAXIMUM FLUID TEMPERATURE	250 °C
DIVISION	High Pressure Connectors Europe Division
CONNECTION 1 SIZE	38 mm Tube O.D.

SPECIFICATIONS MET	DIN
PRODUCT STYLE	Bulkhead
SEAL MATERIAL	n/a
SPECIFICATIONS MET	ISO 8434
BODY MATERIAL	Steel
ACCESSORIES INCLUDED	Pre-assembled with Nut and EO-PSR Cutting Ring