Parker Product Datasheet



The key function of Ermeto DIN tube to swivel high pressure hydraulic tube fittings is to connect different numbers of tubes or hoses. The fittings are available in steel and stainless steel.

PART NUMBER: RED42L/20SOMDCF
CONNECTION 1 SIZE: 42 mm (O.D.)
CONNECTION 1 TYPE: Male 24° Cone
PRODUCT SERIES: EO Light/Heavy
ACCESSORIES INCLUDED: n/a
CONNECTION 2 SIZE: 20 mm (O.D.)
CONNECTION 2 TYPE: Male 24° Cone (with O-Ring)
BODY MATERIAL: Steel
SEAL MATERIAL: NBR
SHAPE: Straight

PRODUCT OVERVIEW

The main function of Ermeto DIN tube to swivel high pressure hydraulic tube fittings is to connect different numbers of tubes or hose.This broad range of DIN tube to swivel fittings, types EW, ET, EL, EVW, EVT, EVL, DA, RED up to KOR is available in steel and a stainless steel version. Depending on the specific application, the fittings can be delivered with cutting ring (EO-PSR or DPR) or elastomeric seal (EO-2).

Markets:
• Automotive
• Defence
• Energy

• Environment
• Industrial
• Infrastructure
• Machine Tools
• Material Handling
• Mobile
• Oil and Gas
• Power Generation
• Process
• Transportation
• Water

Applications:
Suitable for general hydraulic applications

Features/ benefits:
• Steel and Stainless steel fittings have a high corrosion resistance to aggressive media and environmental influences. These features extend the range of applications.
• High pressure: Ermeto DIN tube to tube swivel high pressure hydraulic tube fittings have pressure ratings of up to 800 bar (S series) and 500 bar (L series), so that the fittings can be used in a wide range of applications.

TECH SPECIFICATIONS

INDUSTRY	Agriculture
MAXIMUM OPERATING PRESSURE	250 bar
PRODUCT TYPE	Hydraulic DIN Fittings
MINIMUM FLUID TEMPERATURE	-40 °F
BODY MATERIAL	Steel
INDUSTRY	Material Handling
CONNECTION 1 TYPE	24° Cone
APPLICATION	Mobile Equipment
MAXIMUM FLUID TEMPERATURE	572 °F
ACCESSORIES INCLUDED	n/a

INDUSTRY	Automotive
MINIMUM AMBIENT TEMPERATURE	-40 °F
MAXIMUM AMBIENT TEMPERATURE	572 °F
CONNECTION 2 SIZE	20 mm Tube O.D.
PRODUCT STYLE	Adjustable Position
INDUSTRY	Transportation
MINIMUM AMBIENT TEMPERATURE	-40 °C
APPLICATION	Hydraulics
CONNECTION 1 SIZE	42 mm Tube O.D.
INDUSTRY	Industrial Manufacturing Equipment
SHAPE	Straight
APPLICATION	Packaging
MINIMUM FLUID TEMPERATURE	-40 °C
SPECIFICATIONS MET	ISO 8434
INDUSTRY	Marine
BRAND	Ermeto
APPLICATION	Oilfield
MAXIMUM FLUID TEMPERATURE	300 °C
SEAL MATERIAL	NBR
DIVISION	High Pressure Connectors Europe Division
FOR FLUID TYPE	Steam
FOR FLUID TYPE	Fuels
FOR FLUID TYPE	Chemicals
PRODUCT SERIES	EO Light/Heavy
CONNECTION 2 TYPE	24° Cone (with O-Ring)

SEAL TYPE	O-Ring
CONNECTION 2 TYPE	Male
FOR FLUID TYPE	Gases
FOR FLUID TYPE	Hydraulic Fluids
SPECIFICATIONS MET	DIN
TECHNOLOGY	Fluid & Gas Handling
MAXIMUM AMBIENT TEMPERATURE	300 °C
APPLICATION	Chemical Transfer
INDUSTRY	Construction
DIVISION	High Pressure Connectors Europe Division
APPLICATION	Fuel Transfer
CONFIGURATION	Tube to Swivel
CONNECTION 1 TYPE	Male