Parker Product Datasheet

Parker Ball Bearing Rotary Fittings are used to connect a fixed point to a rotating, swinging or moving part via hoses. These products are used to prevent torsion and small hose radius.

PART NUMBER: DG104/08SMHDCF
CONNECTION 2 SIZE: M14x1.5
CONNECTION 2 TYPE: Male Metric
SHAPE: Elbow 90°
CONNECTION 1 TYPE: Male 24° Cone
CONNECTION 1 SIZE: 8 mm (O.D.)
ACCESSORIES INCLUDED: Pre-assembled with Nut and EO-PSR Cutting Ring

PRODUCT OVERVIEW

Parker ball bearing rotary fittings are used to connect a fixed point to a rotating, swinging or moving part via hoses. These products are used to prevent torsion and small hose radius.

The ball bearing rotary fittings are suitable for hydraulic oils and lubricants on minerl oil base as flow media.

The construction of this service-proved product range is characterized by a compact, maintenance-free construction. The ball bearing rotary fittings have a combined ball and plain bearing with constant lubrication, a low starting torque and wear-resistant annular piston sealings.

Markets:

• Chemical Industries

• Plant engineering

• Power stations

• Cable storage

Applications:

• Suitable for general hydraulic applications.

Features/ Benefits of the ball bearing rotary fittings:

• Parker ball bearing rotary fittings help to avoid torsion of hoses and therefore improve the life cycle of these products

• Parker ball bearing rotary fittings have a high corrosion resistant surface.

• The construction of the ball bearing fittings is maintenance-free, so that the costs for maintenance will be reduced.

Technical specifications:

Materials: Casing, body nut of steel. Annular piston sealing: POM/FKM. Eolastic sealing: NBR, also available in FKM.

Nominal temperatures: -40 °C up to +95 °C

Construction Systems:

8 different versions with one rotational axis. Multiaxial rotary couplings on request. Tube connections according to DIN 2353, series S. Maximum working pressure 350 bar (peak pressure)

Male stud sealing by Eolastic seals of NBR

Male stud with metric parallel or BSPP thread.

TECH SPECIFICATIONS

FOR FLUID TYPE	Fuels
CONNECTION 2 TYPE	Male
INDUSTRY	Marine
APPLICATION	Chemical Transfer
INDUSTRY	Automotive
CONNECTION 1 TYPE	Male
MINIMUM AMBIENT TEMPERATURE	-40 °F
NOMINAL INSIDE DIAMETER	DN 5
CONNECTION 2 TYPE	Metric
BRAND	Ermeto
SHAPE	Elbow 90°
FOR FLUID TYPE	Gases
PRODUCT SERIES	EO Heavy
INDUSTRY	Industrial Manufacturing Equipment
APPLICATION	Fuel Transfer
INDUSTRY	Agriculture
CONFIGURATION	Tube to Port
MAXIMUM OPERATING PRESSURE	420 bar
FOR FLUID TYPE	Chemicals
FOR FLUID TYPE	Steam
INDUSTRY	Material Handling
APPLICATION	Mobile Equipment
DIVISION	High Pressure Connectors Europe Division
INDUSTRY	Construction
CONNECTION 1 TYPE	24° Cone

MINIMUM AMBIENT TEMPERATURE	-40 °C
FOR FLUID TYPE	Hydraulic Fluids
SEAL TYPE	ED Seal
INDUSTRY	Transportation
APPLICATION	Hydraulics
MINIMUM FLUID TEMPERATURE	-40 °F
DIVISION	High Pressure Connectors Europe Division
SPECIFICATIONS MET	ISO 9974
TECHNOLOGY	Fluid & Gas Handling
CONNECTION 2 SIZE	M14x1.5 mm Thread
ACCESSORIES INCLUDED	Pre-assembled with Nut and EO-PSR Cutting Ring
MINIMUM FLUID TEMPERATURE	-40 °C
MAXIMUM FLUID TEMPERATURE	300 °C
SEAL MATERIAL	NBR
PRODUCT TYPE	Hydraulic DIN Fittings
CONNECTION 1 SIZE	8 mm Tube O.D.
MAXIMUM AMBIENT TEMPERATURE	300 °C
PRODUCT STYLE	Stud Fitting
APPLICATION	Packaging
MAXIMUM FLUID TEMPERATURE	572 °F
MAXIMUM AMBIENT TEMPERATURE	572 °F
PRODUCT STYLE	Rotary
APPLICATION	Oilfield
BODY MATERIAL	Steel