

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: DG104/08SMHDOMDCF

CONNECTION 2 TYPE: Male Metric

SHAPE: Elbow 90°

CONNECTION 1 TYPE: Male 24° Cone

CONNECTION 1 SIZE: 8 mm (O.D.)

ACCESSORIES INCLUDED: n/a

CONNECTION 2 SIZE: M14x1.5

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 mineral 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

DIVISION	High Pressure Connectors Europe Division
SEAL MATERIAL	NBR
ACCESSORIES INCLUDED	n/a
INDUSTRY	Automotive
CONNECTION 1 TYPE	24° Cone
MAXIMUM OPERATING PRESSURE	420 bar
PRODUCT TYPE	Hydraulic DIN Fittings
PRODUCT STYLE	Stud Fitting
INDUSTRY	Industrial Manufacturing Equipment
CONFIGURATION	Tube to Port
APPLICATION	Chemical Transfer
MAXIMUM AMBIENT TEMPERATURE	300 °C
BODY MATERIAL	Steel
INDUSTRY	Agriculture
BRAND	Ermeto
MINIMUM AMBIENT TEMPERATURE	-40 °F
MAXIMUM AMBIENT TEMPERATURE	572 °F
SPECIFICATIONS MET	ISO 9974
FOR FLUID TYPE	Hydraulic Fluids
INDUSTRY	Construction
MINIMUM AMBIENT TEMPERATURE	-40 °C
SHAPE	Elbow 90°
APPLICATION	Packaging
PRODUCT STYLE	Rotary

FOR FLUID TYPE	Fuels
SEAL TYPE	ED Seal
INDUSTRY	Material Handling
APPLICATION	Fuel Transfer
MINIMUM FLUID TEMPERATURE	-40 °F
MAXIMUM FLUID TEMPERATURE	572 °F
FOR FLUID TYPE	Gases
CONNECTION 2 TYPE	Metric
INDUSTRY	Transportation
APPLICATION	Oilfield
NOMINAL INSIDE DIAMETER	DN 5
MINIMUM FLUID TEMPERATURE	-40 °C
CONNECTION 1 SIZE	8 mm Tube O.D.
CONNECTION 2 SIZE	M14x1.5 mm Thread
FOR FLUID TYPE	Chemicals
PRODUCT SERIES	EO Heavy
INDUSTRY	Marine
APPLICATION	Hydraulics
MAXIMUM FLUID TEMPERATURE	300 °C
FOR FLUID TYPE	Steam
CONNECTION 2 TYPE	Male
CONNECTION 1 TYPE	Male
APPLICATION	Mobile Equipment
TECHNOLOGY	Fluid & Gas Handling
DIVISION	High Pressure Connectors Europe Division