

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: DG104/16SRHDOMDCF

SHAPE: Elbow 90°

CONNECTION 2 TYPE: Male BSPP

CONNECTION 1 SIZE: 16 mm (O.D.)

CONNECTION 2 SIZE: G 1/2 A

ACCESSORIES INCLUDED: n/a

CONNECTION 1 TYPE: Male 24° Cone

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

APPLICATION	Hydraulics
CONNECTION 1 SIZE	16 mm Tube O.D.
PRODUCT STYLE	Stud Fitting
APPLICATION	Mobile Equipment
PRODUCT TYPE	Hydraulic DIN Fittings
PRODUCT STYLE	Rotary
APPLICATION	Fuel Transfer
DIVISION	High Pressure Connectors Europe Division
SPECIFICATIONS MET	ISO 1179
APPLICATION	Oilfield
MAXIMUM AMBIENT TEMPERATURE	572 °F
BODY MATERIAL	Steel
SHAPE	Elbow 90°
CONNECTION 2 SIZE	G 1/2 A inch Thread
ACCESSORIES INCLUDED	n/a
MAXIMUM AMBIENT TEMPERATURE	300 °C
TECHNOLOGY	Fluid & Gas Handling
MAXIMUM FLUID TEMPERATURE	300 °C
APPLICATION	Chemical Transfer
MINIMUM FLUID TEMPERATURE	-40 °F
SEAL MATERIAL	NBR
PRODUCT SERIES	EO Heavy
INDUSTRY	Industrial Manufacturing Equipment
INDUSTRY	Transportation
FOR FLUID TYPE	Steam

INDUSTRY	Material Handling
CONNECTION 1 TYPE	24° Cone
SEAL TYPE	ED Seal
INDUSTRY	Construction
CONNECTION 1 TYPE	Male
FOR FLUID TYPE	Chemicals
CONNECTION 2 TYPE	Male
MINIMUM AMBIENT TEMPERATURE	-40 °C
FOR FLUID TYPE	Hydraulic Fluids
INDUSTRY	Automotive
MINIMUM AMBIENT TEMPERATURE	-40 °F
FOR FLUID TYPE	Fuels
CONNECTION 2 TYPE	BSPP
CONFIGURATION	Tube to Port
MAXIMUM OPERATING PRESSURE	420 bar
INDUSTRY	Agriculture
BRAND	Ermeto
INDUSTRY	Marine
FOR FLUID TYPE	Gases
DIVISION	High Pressure Connectors Europe Division
NOMINAL INSIDE DIAMETER	DN 10
MAXIMUM FLUID TEMPERATURE	572 °F
MINIMUM FLUID TEMPERATURE	-40 °C
APPLICATION	Packaging