

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: DG102/20SRHDCF

ACCESSORIES INCLUDED: Pre-assembled with Nut and EO-PSR Cutting Ring

CONNECTION 1 SIZE: 20 mm (O.D.)

CONNECTION 2 TYPE: Male BSPP

CONNECTION 1 TYPE: Male 24° Cone

CONNECTION 2 SIZE: G 3/4 A

SHAPE: Straight

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

FOR FLUID TYPE	Fuels
INDUSTRY	Marine
SEAL TYPE	ED Seal
INDUSTRY	Automotive
FOR FLUID TYPE	Gases
CONNECTION 2 TYPE	BSPP
FOR FLUID TYPE	Chemicals
INDUSTRY	Material Handling
FOR FLUID TYPE	Steam
CONNECTION 2 TYPE	Male
INDUSTRY	Industrial Manufacturing Equipment
PRODUCT SERIES	EO Heavy
INDUSTRY	Agriculture
FOR FLUID TYPE	Hydraulic Fluids
INDUSTRY	Construction
MINIMUM AMBIENT TEMPERATURE	-40 °C
SHAPE	Straight
TECHNOLOGY	Fluid & Gas Handling
ACCESSORIES INCLUDED	Pre-assembled with Nut and EO-PSR Cutting Ring
MAXIMUM OPERATING PRESSURE	420 bar
APPLICATION	Fuel Transfer
MAXIMUM AMBIENT TEMPERATURE	572 °F
SPECIFICATIONS MET	ISO 1179
CONFIGURATION	Tube to Port
APPLICATION	Chemical Transfer

MINIMUM FLUID TEMPERATURE	-40 °C
SEAL MATERIAL	NBR
MINIMUM AMBIENT TEMPERATURE	-40 °F
APPLICATION	Hydraulics
PRODUCT TYPE	Hydraulic DIN Fittings
PRODUCT STYLE	Stud Fitting
INDUSTRY	Transportation
APPLICATION	Oilfield
DIVISION	High Pressure Connectors Europe Division
BODY MATERIAL	Steel
DIVISION	High Pressure Connectors Europe Division
BRAND	Ermeto
APPLICATION	Packaging
MINIMUM FLUID TEMPERATURE	-40 °F
MAXIMUM FLUID TEMPERATURE	572 °F
CONNECTION 1 TYPE	Male
APPLICATION	Mobile Equipment
NOMINAL INSIDE DIAMETER	DN 16
CONNECTION 1 SIZE	20 mm Tube O.D.
PRODUCT STYLE	Rotary
CONNECTION 2 SIZE	G 3/4 A inch Thread
CONNECTION 1 TYPE	24° Cone
MAXIMUM AMBIENT TEMPERATURE	300 °C
MAXIMUM FLUID TEMPERATURE	300 °C