

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: DG107/20SHDCF

SHAPE: Straight

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

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

CONNECTION 1 TYPE: Male 24° Cone

CONNECTION 2 SIZE: 20 mm (O.D.)

CONNECTION 2 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

DIVISION	High Pressure Connectors Europe Division
CONNECTION 2 TYPE	Male
PRODUCT STYLE	Bulkhead
FOR FLUID TYPE	Fuels
ACCESSORIES INCLUDED	Pre-assembled with Nut and EO-PSR Cutting Ring
FOR FLUID TYPE	Chemicals
FOR FLUID TYPE	Steam
PRODUCT SERIES	EO Heavy
PRODUCT STYLE	Rotary
FOR FLUID TYPE	Hydraulic Fluids
SEAL TYPE	Sealing Edge
CONNECTION 2 TYPE	24° Cone
SPECIFICATIONS MET	ISO 8434
FOR FLUID TYPE	Gases
INDUSTRY	Agriculture
SEAL MATERIAL	n/a
INDUSTRY	Automotive
SHAPE	Straight
TECHNOLOGY	Fluid & Gas Handling
CONNECTION 2 SIZE	20 mm Tube O.D.
INDUSTRY	Industrial Manufacturing Equipment
APPLICATION	Fuel Transfer
MAXIMUM AMBIENT TEMPERATURE	572 °F
MINIMUM FLUID TEMPERATURE	-40 °C
NOMINAL INSIDE DIAMETER	DN 16
INDUSTRY	Construction

MAXIMUM OPERATING PRESSURE	420 bar
PRODUCT TYPE	Hydraulic DIN Fittings
CONNECTION 1 SIZE	20 mm Tube O.D.
INDUSTRY	Marine
APPLICATION	Chemical Transfer
MAXIMUM AMBIENT TEMPERATURE	300 °C
MINIMUM FLUID TEMPERATURE	-40 °F
INDUSTRY	Transportation
BRAND	Ermeto
APPLICATION	Oilfield
BODY MATERIAL	Steel
CONNECTION 1 TYPE	Male
MINIMUM AMBIENT TEMPERATURE	-40 °F
APPLICATION	Mobile Equipment
DIVISION	High Pressure Connectors Europe Division
INDUSTRY	Material Handling
CONFIGURATION	Tube to Tube
APPLICATION	Packaging
MAXIMUM FLUID TEMPERATURE	572 °F
CONNECTION 1 TYPE	24° Cone
MINIMUM AMBIENT TEMPERATURE	-40 °C
APPLICATION	Hydraulics
MAXIMUM FLUID TEMPERATURE	300 °C