

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: DG107/30SHDOMDCF

SHAPE: Straight

CONNECTION 1 SIZE: 30 mm (O.D.)

CONNECTION 1 TYPE: Male 24° Cone

CONNECTION 2 SIZE: 30 mm (O.D.)

CONNECTION 2 TYPE: Male 24° Cone

ACCESSORIES INCLUDED: n/a

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

MAXIMUM AMBIENT TEMPERATURE	572 °F
SPECIFICATIONS MET	ISO 8434
CONNECTION 2 SIZE	30 mm Tube O.D.
MAXIMUM FLUID TEMPERATURE	300 °C
DIVISION	High Pressure Connectors Europe Division
BODY MATERIAL	Steel
NOMINAL INSIDE DIAMETER	DN 26
DIVISION	High Pressure Connectors Europe Division
PRODUCT TYPE	Hydraulic DIN Fittings
PRODUCT STYLE	Bulkhead
CONNECTION 1 SIZE	30 mm Tube O.D.
PRODUCT STYLE	Rotary
MINIMUM FLUID TEMPERATURE	-40 °C
SEAL MATERIAL	n/a
MINIMUM FLUID TEMPERATURE	-40 °F
MAXIMUM FLUID TEMPERATURE	572 °F
TECHNOLOGY	Fluid & Gas Handling
ACCESSORIES INCLUDED	n/a
FOR FLUID TYPE	Fuels
INDUSTRY	Marine
CONFIGURATION	Tube to Tube
APPLICATION	Chemical Transfer
FOR FLUID TYPE	Hydraulic Fluids
INDUSTRY	Construction
MINIMUM AMBIENT TEMPERATURE	-40 °F

APPLICATION	Hydraulics
FOR FLUID TYPE	Chemicals
INDUSTRY	Material Handling
MINIMUM AMBIENT TEMPERATURE	-40 °C
SHAPE	Straight
INDUSTRY	Industrial Manufacturing Equipment
MAXIMUM OPERATING PRESSURE	420 bar
APPLICATION	Fuel Transfer
SEAL TYPE	Sealing Edge
INDUSTRY	Automotive
CONNECTION 1 TYPE	Male
APPLICATION	Mobile Equipment
FOR FLUID TYPE	Steam
CONNECTION 2 TYPE	Male
CONNECTION 1 TYPE	24° Cone
MAXIMUM AMBIENT TEMPERATURE	300 °C
PRODUCT SERIES	EO Heavy
INDUSTRY	Agriculture
INDUSTRY	Transportation
APPLICATION	Oilfield
FOR FLUID TYPE	Gases
CONNECTION 2 TYPE	24° Cone
BRAND	Ermeto
APPLICATION	Packaging