

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: DG107/25SHDOMDCF

SHAPE: Straight

CONNECTION 2 SIZE: 25 mm (O.D.)

CONNECTION 1 TYPE: Male 24° Cone

CONNECTION 1 SIZE: 25 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	25 mm Tube O.D.
MAXIMUM FLUID TEMPERATURE	300 °C
SEAL MATERIAL	n/a
DIVISION	High Pressure Connectors Europe Division
MINIMUM FLUID TEMPERATURE	-40 °C
CONNECTION 1 SIZE	25 mm Tube O.D.
PRODUCT TYPE	Hydraulic DIN Fittings
PRODUCT STYLE	Bulkhead
TECHNOLOGY	Fluid & Gas Handling
DIVISION	High Pressure Connectors Europe Division
NOMINAL INSIDE DIAMETER	DN 16
MAXIMUM AMBIENT TEMPERATURE	300 °C
BODY MATERIAL	Steel
MINIMUM FLUID TEMPERATURE	-40 °F
MAXIMUM FLUID TEMPERATURE	572 °F
ACCESSORIES INCLUDED	n/a
APPLICATION	Packaging
PRODUCT STYLE	Rotary
FOR FLUID TYPE	Hydraulic Fluids
INDUSTRY	Construction
CONNECTION 1 TYPE	24° Cone
MAXIMUM OPERATING PRESSURE	420 bar
INDUSTRY	Agriculture

CONFIGURATION	Tube to Tube
APPLICATION	Chemical Transfer
INDUSTRY	Industrial Manufacturing Equipment
BRAND	Ermeto
MINIMUM AMBIENT TEMPERATURE	-40 °F
INDUSTRY	Automotive
MINIMUM AMBIENT TEMPERATURE	-40 °C
SHAPE	Straight
FOR FLUID TYPE	Gases
CONNECTION 2 TYPE	24° Cone
INDUSTRY	Material Handling
APPLICATION	Fuel Transfer
FOR FLUID TYPE	Fuels
SEAL TYPE	Sealing Edge
INDUSTRY	Transportation
APPLICATION	Oilfield
FOR FLUID TYPE	Steam
CONNECTION 2 TYPE	Male
INDUSTRY	Marine
APPLICATION	Hydraulics
FOR FLUID TYPE	Chemicals
PRODUCT SERIES	EO Heavy
CONNECTION 1 TYPE	Male
APPLICATION	Mobile Equipment