

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: DG102/38SRHDOMDCF

SHAPE: Straight

CONNECTION 2 TYPE: Male BSPP

CONNECTION 1 TYPE: Male 24° Cone

CONNECTION 2 SIZE: G 1-1/2 A

CONNECTION 1 SIZE: 38 mm (O.D.)

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

PRODUCT SERIES	EO Heavy
CONNECTION 1 TYPE	Male
CONFIGURATION	Tube to Port
APPLICATION	Fuel Transfer
DIVISION	High Pressure Connectors Europe Division
FOR FLUID TYPE	Chemicals
INDUSTRY	Construction
APPLICATION	Chemical Transfer
MAXIMUM AMBIENT TEMPERATURE	300 °C
TECHNOLOGY	Fluid & Gas Handling
PRODUCT STYLE	Stud Fitting
FOR FLUID TYPE	Hydraulic Fluids
FOR FLUID TYPE	Gases
INDUSTRY	Agriculture
MAXIMUM OPERATING PRESSURE	420 bar
PRODUCT TYPE	Hydraulic DIN Fittings
MINIMUM FLUID TEMPERATURE	-40 °F
BODY MATERIAL	Steel
SEAL TYPE	ED Seal
INDUSTRY	Transportation
MINIMUM AMBIENT TEMPERATURE	-40 °C
APPLICATION	Hydraulics
CONNECTION 1 SIZE	38 mm Tube O.D.
NOMINAL INSIDE DIAMETER	DN 26
FOR FLUID TYPE	Steam

INDUSTRY	Automotive
MINIMUM AMBIENT TEMPERATURE	-40 °F
MAXIMUM AMBIENT TEMPERATURE	572 °F
CONNECTION 2 SIZE	G 1-1/2 A inch Thread
PRODUCT STYLE	Rotary
INDUSTRY	Marine
BRAND	Ermeto
APPLICATION	Oilfield
MAXIMUM FLUID TEMPERATURE	300 °C
SEAL MATERIAL	NBR
CONNECTION 2 TYPE	Male
FOR FLUID TYPE	Fuels
INDUSTRY	Industrial Manufacturing Equipment
SHAPE	Straight
APPLICATION	Packaging
MINIMUM FLUID TEMPERATURE	-40 °C
SPECIFICATIONS MET	ISO 1179
CONNECTION 2 TYPE	BSPP
INDUSTRY	Material Handling
CONNECTION 1 TYPE	24° Cone
APPLICATION	Mobile Equipment
MAXIMUM FLUID TEMPERATURE	572 °F
ACCESSORIES INCLUDED	n/a
DIVISION	High Pressure Connectors Europe Division