

Parker Product Datasheet



Plain bearing rotary fittings for slow rotating, swinging or moving machine parts up to 40 bar (series L) or up to 100 bar (series S).

PART NUMBER: DVGE12LR CF

SHAPE: Straight

CONNECTION 1 SIZE: 12 mm (O.D.)

BODY MATERIAL: Steel

CONNECTION 1 TYPE: Male 24° Cone

SEAL MATERIAL: NBR

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

CONNECTION 2 TYPE: Male BSPP

CONNECTION 2 SIZE: G 1/2 A

PRODUCT OVERVIEW

Plain bearing rotary fittings for slow rotating, swinging or moving machine parts up to 40 bar (series L) or up to 100 bar (series S).

Flow media:

Hydraulic oils and lubricants on mineral oil base. Also for hydraulic fluids HETG and HEES. Not suitable for corrosive and HFC-fluids or gases.

Technical Specifications:

Materials: Casing, body nut and progressive ring of steel. Sealing of NBR (Perbunan), on request of FKM. Plain bearing rotary fittings are not available in stainless steel or brass

Construction-system:

Series L, tube O.D. 6 to 35 mm, working pressure (PN): 40 bar
Series S, tube O.D. 6 to 38 mm, working pressure (PN): 100 bar
Tube connection according to DIN 2353, ISO 8434-1. Male stud with metric thread and BSP thread. Sealing of male stud by Eolastic-seals.
Nominal temperature:
For sealings of NBR: -35°C up to +100°C
For sealings of FKM: -25°C up to +120°C

- Markets:
- Chemical Industries
 - Plant engineering
 - Power stations
 - Cable storage

- Applications:
- Connecting a fixed point to a rotating, swinging or moving machine part via hoses. To prevent torsion and to avoid small hose radius.

- Features/ Benefits of the ball bearing rotary fittings:
- Parker plain bearing rotary fittings help to avoid torsion of hoses and therefore improve the life cycle of these products

TECH SPECIFICATIONS

DIVISION	High Pressure Connectors Europe Division
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MAXIMUM OPERATING PRESSURE	40 bar
FOR FLUID TYPE	Hydraulic Fluids
FOR FLUID TYPE	Fuels
FOR FLUID TYPE	Chemicals
FOR FLUID TYPE	Gases
FOR FLUID TYPE	Steam
INDUSTRY	Transportation

INDUSTRY	Agriculture
INDUSTRY	Material Handling
INDUSTRY	Construction
INDUSTRY	Automotive
INDUSTRY	Marine
INDUSTRY	Industrial Manufacturing Equipment
SPECIFICATIONS MET	DIN
SPECIFICATIONS MET	ISO 8434
SHAPE	Straight
APPLICATION	Oilfield
APPLICATION	Hydraulics
APPLICATION	Packaging
APPLICATION	Fuel Transfer
APPLICATION	Chemical Transfer
APPLICATION	Mobile Equipment
BRAND	Ermeto
TECHNOLOGY	Fluid & Gas Handling
PRODUCT STYLE	Stud Fitting
PRODUCT STYLE	Rotary
CONNECTION 1 SIZE	12 mm Tube O.D.
BODY MATERIAL	Steel
CONNECTION 1 TYPE	24° Cone
CONNECTION 1 TYPE	Male
PRODUCT SERIES	EO Light
PRODUCT TYPE	Hydraulic DIN Fittings
SEAL MATERIAL	NBR
CONFIGURATION	Tube to Port

ACCESSORIES INCLUDED	Pre-assembled with Nut and EO-PSR Cutting Ring
CONNECTION 2 TYPE	Male
CONNECTION 2 TYPE	BSPP
CONNECTION 2 SIZE	G 1/2 A inch Thread
MAXIMUM AMBIENT TEMPERATURE	300 °C
MAXIMUM AMBIENT TEMPERATURE	572 °F
MINIMUM AMBIENT TEMPERATURE	-40 °C
MINIMUM AMBIENT TEMPERATURE	-40 °F
MAXIMUM FLUID TEMPERATURE	572 °F
MAXIMUM FLUID TEMPERATURE	300 °C
MINIMUM FLUID TEMPERATURE	-40 °C
MINIMUM FLUID TEMPERATURE	-40 °F
SEAL TYPE	ED Seal