Parker Product Datasheet



Swivel Joints for medium pressure applications up to 350 bar. Available made of brass/steel (Series DG) or steel (Series KR).
Max. rotation speed: 60 r.p.m.

PART NUMBER: 10KRAW33IW33
TYPE: KR
CONNECTION 1 THREAD SIZE (INCH): 1
MATERIAL: Steel, zinc plated
CONNECTION 2 THREAD SIZE (INCH): 1
CONNECTION 1 THREAD SIZE (MM): na

PRODUCT OVERVIEW

Parker's Swivel Joints Series DG can be used in hydraulic systems where rotating connections are essential, for example on accessories with rotating movements. Depending on design, the body is made of brass (Series DG) or steel (Series KR) and the rotating axis of surfacepurified/stainless steel.

Maximum rotation speed:
60 r.p.m.

Markets:
- Agriculture
- Automotive
- Transportation
- Vocational & Municipal

- Defense
- Industrial
- Machine Tooling
- Material Handling
- Construction

Features/Benefits:
- Rotating joints minimise the high wear to the hose, which occurs in hydraulic systems
- Suitable for combining with norm hydraulic components
- Mainly made of brass to avoid corrosion (Series DG)
- Stainless steel axis for water applications (Series DG)
- Solid construction with two plain bearings (Series DG) or ball/roller bearings (Series KR)

Applications:
To avoid rotation in couplings and hoses
- Mobile cranes

TECH SPECIFICATIONS

BODY MATERIAL	Steel
DIAMETER	22 nom
DIVISION	High Pressure Connectors Europe Division
OUTSIDE DIAMETER	55 mm
HEX SIZE	50 mm
MINIMUM OPERATING TEMPERATURE	-40 °C
CONNECTION TYPE	Male / Female Thread
LENGTH	117 mm
SEAL MATERIAL	NBR
MAXIMUM OPERATING TEMPERATURE	90 °C
MAXIMUM OPERATING PRESSURE	250 bar