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: 5KRAW21IW21
CONNECTION 1 THREAD SIZE (MM): na
TYPE: KR
MATERIAL: Steel, zinc plated
CONNECTION 2 THREAD SIZE (INCH): 1/2
CONNECTION 1 THREAD SIZE (INCH): 1/2

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

CONNECTION TYPE	Male / Female Thread
LENGTH	95 mm
SEAL MATERIAL	NBR
DIAMETER	11 nom
OUTSIDE DIAMETER	35 mm
BODY MATERIAL	Steel
DIVISION	High Pressure Connectors Europe Division
MAXIMUM OPERATING TEMPERATURE	90 °C
HEX SIZE	32 mm
MINIMUM OPERATING TEMPERATURE	-40 °C
MAXIMUM OPERATING PRESSURE	350 bar