

Hydraulic swivel joints

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Ball guided swivel joints

Suitable: Usage between a fixed point and a hose connected to rotating or oscillating machine components or cranes.

For swivelling movements up to max. 20 rpm, uninterrupted rotational motion.

Materials: Outside part: Steel A3C yellow, internal parts: Steel hardened, seals: NBR

Media: Oil up to 90°C

Pressure range: 10 to 350 bar, depending on connection



rotatable 360°

Ball guided bulkhead rotation screw connections, cutting ring connection up to 350 bar

Type zinc-plated steel	Tube Ø external	Union nut thread	DN	Installation length over all	PN
Light model series					
DREHSOT 8 L	8 L	M 14x1.5	6.0	70.0	315 bar
DREHSOT 10 L	10 L	M 16x1.5	7.5	82.0	315 bar
DREHSOT 12 L	12 L	M 18x1.5	7.5	83.0	315 bar
DREHSOT 15 L	15 L	M 22x1.5	12.0	84.0	315 bar
DREHSOT 18 L	18 L	M 26x1.5	16.0	124.5	315 bar
DREHSOT 22 L	22 L	M 30x2	16.0	110.0	160 bar
DREHSOT 28 L	28 L	M 36x2	25.0	132.5	160 bar
Heavy model series					
DREHSOT 6 S	6 S	M 14x1.5	4.0	72.0	350 bar
DREHSOT 8 S	8 S	M 16x1.5	6.0	72.0	350 bar
DREHSOT 12 S	12 S	M 20x1.5	7.5	83.0	350 bar
DREHSOT 16 S	16 S	M 24x1.5	12.0	86.0	350 bar
DREHSOT 20 S	20 S	M 30x2	16.0	115.0	350 bar
DREHSOT 25 S	25 S	M 36x2	20.0	120.0	350 bar
DREHSOT 38 S	38 S	M 52x2	32.0	139.0	250 bar

Ball guided straight swivel joints, cutting ring connections

PN 350



rotatable 360°

Type zinc-plated steel	Tube Ø male	Union nut thread	DN	Installation length over all (without nuts)
Heavy model series				
DREHG 6 S	6 S	M 14x1.5	4.0	61
DREHG 8 S	8 S	M 16x1.5	6.0	61
DREHG 12 S	12 S	M 20x1.5	7.5	72
DREHG 16 S	16 S	M 24x1.5	12.0	74
DREHG 20 S	20 S	M 30x2	16.0	92
DREHG 25 S	25 S	M 36x2	20.0	96

High pressure swivel joints

up to 500 bar

Suitable: Rotary joint for slow oscillatory and rotary movement with hydraulic oil or oiled compressed air.

Materials: Body: Zinc-plated steel, seal: FKM/PTFE

Temperature range: -25°C to max. +200°C

Optional: Version in stainless steel (PN 400) -ES



360° rotatable

Type	Screw-in thread	Thread female	rpm max.	PN	Replacement parts seals
DREH 14 HD	G 1/4"	G 1/4"	5.0	500 bar	DREH 14 HD Di
DREH 38 HD	G 3/8"	G 3/8"	5.0	400 bar	DREH 38 HD Di
DREH 12 HD	G 1/2"	G 1/2"	5.0	400 bar	DREH 12 HD Di
DREH 34 HD	G 3/4"	G 3/4"	2.0	400 bar	DREH 34 HD Di
DREH 10 HD	G 1"	G 1"	2.0	400 bar	DREH 10 HD Di
DREH 114 HD	G 1 1/4"	G 1 1/4"	1.0	400 bar	DREH 114 HD Di
DREH 112 HD	G 1 1/2"	G 1 1/2"	1.0	315 bar	DREH 112 HD Di

Order example: DREH 14 HD **

Standard type

Designation for the options:

Version in stainless steel (PN 400) ...-ES



LOCTITE
Liquid seals,
gaskets & tapes
from page 549



Hydraulic oil
from page 574



Roller
bearing from
page 603

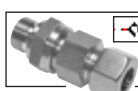


V-belt
from page 609



INOX

Stainless steel
screw connection
from page 78



HP

HP check valves
of various shapes
from page 450



Distributor bars
up to 315 bar
on page 132



Parker

Functional nut
on page 99

All data are considered to be unbinding reference values. We accept no liability for data selection that is not confirmed in writing. Pressure data refer, if not otherwise indicated, to liquids of Group II at +20°C.