

SWIVEL JOINT TYPE DK-01 (ROTATING HEAD JOINT)

DN 8 – DN 50



STRUCTURE

- stator (outer part) and rotor (inner part) joined by a single-row ball bearing
- for-life lubrication provided in the factory
- female thread according to ISO 7-1 (DIN 2999)

	Materials	
Basic unit with threaded connection	1.7225	1.4571

STANDARD SEALINGS

- PTFE compound sealings

SPECIAL SEALINGS

- additional inner sealing for heavily polluted media
- medium sealings for oxygen, steam and food products

Pressure rating

- PN 100 (1.7225)
- PN 40 (1.4571)

Surface protection

- Gas nitration
- Corrosion-protection primer

NOTE

General technical instructions must be observed. Subject to technical alterations and fluctuations caused by the production process.

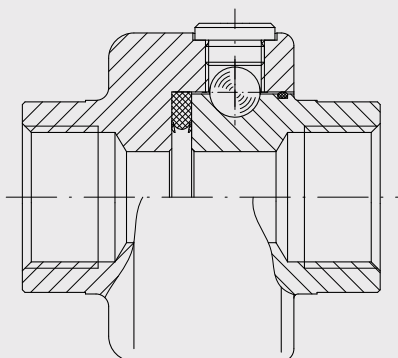
Number of revolutions for swivel and rotation movements ≤ 10 rpm.

Swivel movements in several planes see catalogue page 160.

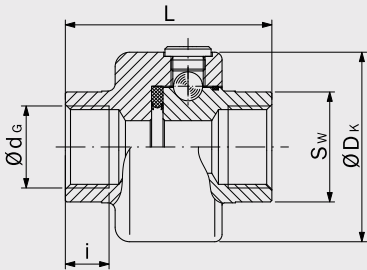
Sets of sealings and balls available individually as spare parts.

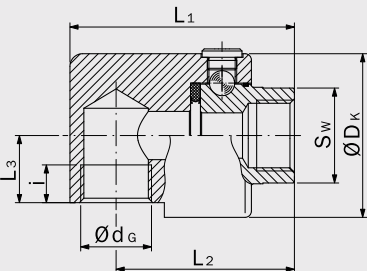
APPLICATIONS

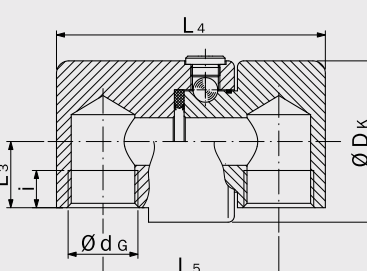
- for liquid or gaseous media at high temperatures and pressures
- for slow swivel and rotation movements through 360°
- fast installation with threaded connection
- for rough operating conditions
 - in hydraulic flow pipes
 - at roll stands
 - at hose drums
- for installation in flexible pipeline systems, for conveying media from a fixed point to any required flexible point
 - filling systems
 - loading and swivel arms
 - pipe joint shears
- use at test facilities
- special designs suitable for food products



Type DK-01
with one-row ball bearing

Form 11IG threaded connection		DN	Ø d _G inch	i mm	Ø D _K mm	S _w mm	L mm	Weight approx. kg
		8	Rp 1/4"	12	72	32	78	1.2
		10	Rp 3/8"	12	72	32	78	1.2
		15	Rp 1/2"	14	72	32	78	1.3
		20	Rp 3/4"	16	72	32	78	1.3
		25	Rp 1"	18	78	41	85	1.6
		32	Rp 1 1/4"	20	88	55	85	2.2
		40	Rp 1 1/2"	22	96	60	90	2.2
		50	Rp 2"	24	118	70	100	4.1

Form 12IG threaded connection		DN	Ø d _G inch	i mm	Ø D _K mm	S _w mm	L ₁ mm	L ₂ mm	L ₃ mm	Weight approx. kg
		8	Rp 1/4"	12	72	32	92	75	30	1.8
		10	Rp 3/8"	12	72	32	92	75	30	1.85
		15	Rp 1/2"	14	72	32	92	75	30	1.9
		20	Rp 3/4"	16	72	32	92	75	30	2.0
		25	Rp 1"	18	78	41	107	85	32	2.6
		32	Rp 1 1/4"	20	88	55	115	90	33	3.5
		40	Rp 1 1/2"	22	96	60	132	100	35	4.3
		50	Rp 2"	24	118	70	150	110	42	7.4

Form 13IG threaded connection		DN	Ø d _G inch	i mm	Ø D _K mm	S _w mm	L ₃ mm	L ₄ mm	L ₅ mm	Weight approx. kg
		8	Rp 1/4"	12	72	30	92	110	75	2.5
		10	Rp 3/8"	12	72	30	92	110	75	2.6
		15	Rp 1/2"	14	72	30	92	110	75	2.7
		20	Rp 3/4"	16	72	30	92	110	75	2.8
		25	Rp 1"	18	80	32	107	130	85	3.8
		32	Rp 1 1/4"	20	88	33	115	152	100	5.8
		40	Rp 1 1/2"	22	96	35	132	175	110	6.4
		50	Rp 2"	24	118	42	150	208	128	11.5