

SWIVEL JOINT TYPE DK-02 (ROTATING HEAD JOINT)

DN 8 – DN 50



STRUCTURE

- stator (outer part) and rotor (inner part) joined by a two-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 250, PN 350 (1.7225), PN 420 on request

PN 100 (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.

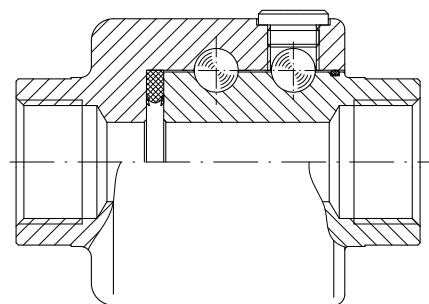
Number of revolutions for swivel and rotation movements ≤ 10 rpm.

Swivel movements in several planes see catalogue page 160.

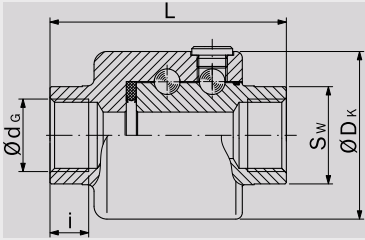
Sets of sealings and balls available individually as spare parts.

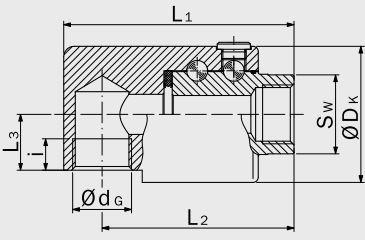
APPLICATIONS

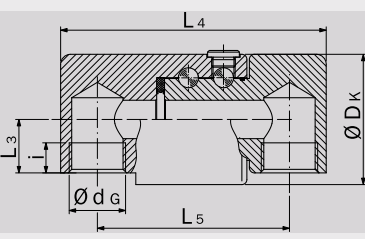
- for liquid or gaseous media at high temperatures and pressures
- suitable for loads with high bending moments
- for slow swivel and rotation movements through 360°
- fast installation with threaded connection
- for rough operating conditions
 - in hydraulic flow pipes
 - at roll stands
 - at hose drums
- 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-02
with two-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	110	2.7
		10	Rp 3/8"	12	72	32	110	2.7
		15	Rp 1/2"	14	72	32	110	2.8
		20	Rp 3/4"	16	72	32	110	2.8
		25	Rp 1"	18	78	41	110	2.9
		32	Rp 1 1/4"	20	88	55	120	3.8
		40	Rp 1 1/2"	22	104	60	120	3.9
		50	Rp 2"	24	118	70	145	5.4

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	132	110	30	3.7
		10	Rp 3/8"	12	72	32	132	110	30	3.7
		15	Rp 1/2"	14	72	32	132	110	30	3.8
		20	Rp 3/4"	16	72	32	132	110	30	3.8
		25	Rp 1"	18	78	41	132	110	32	3.9
		32	Rp 1 1/4"	20	88	55	158	125	34	6.5
		40	Rp 1 1/2"	22	104	60	158	125	40	6.6
		50	Rp 2"	24	118	70	190	150	40	9.0

Form 13IG threaded connection		DN	Ø d _G inch	i mm	Ø D _K mm	L ₃ mm	L ₄ mm	L ₅ mm	Weight approx. kg
		8	Rp 1/4"	12	72	30	154	110	5.0
		10	Rp 3/8"	12	72	30	154	110	5.0
		15	Rp 1/2"	14	72	30	154	110	5.1
		20	Rp 3/4"	16	72	30	154	110	5.1
		25	Rp 1"	18	78	32	160	115	5.2
		32	Rp 1 1/4"	20	88	34	200	132	9.3
		40	Rp 1 1/2"	22	104	40	200	132	9.5
		50	Rp 2"	24	118	40	235	155	11.9