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PRODUCT CATALOGUE 2026

Swivel fittings



Our hydraulics connect and move

Our hydraulics connect and move



Welcome to

Gerd Krüger Maschinenbau GmbH

For over 60 years, Gerd Krüger Maschinenbau GmbH has been synonymous with expertise and quality in the development and manufacture of high-quality swivel fittings. As specialists in hydraulic connection technology, we offer our customers reliable products that are used in demanding applications worldwide.

We have been part of the KHK Group since 2018 and combine the flexibility of a medium-sized family business with the advantages of a strong corporate group.

Partnership, quality and precision form the basis of our day-to-day work. At our sites in Germany and the Czech Republic, more than 50 dedicated employees manufacture products of excellent quality with the utmost precision.

In addition to our extensive standard product range, our high level of in-house manufacturing and our own design and engineering capabilities enable us to develop and manufacture bespoke solutions tailored precisely to our customers' requirements.

This catalogue provides an overview of our range of swivel fittings – designed to deliver durable, safe and cost-effective solutions for hydraulic applications.

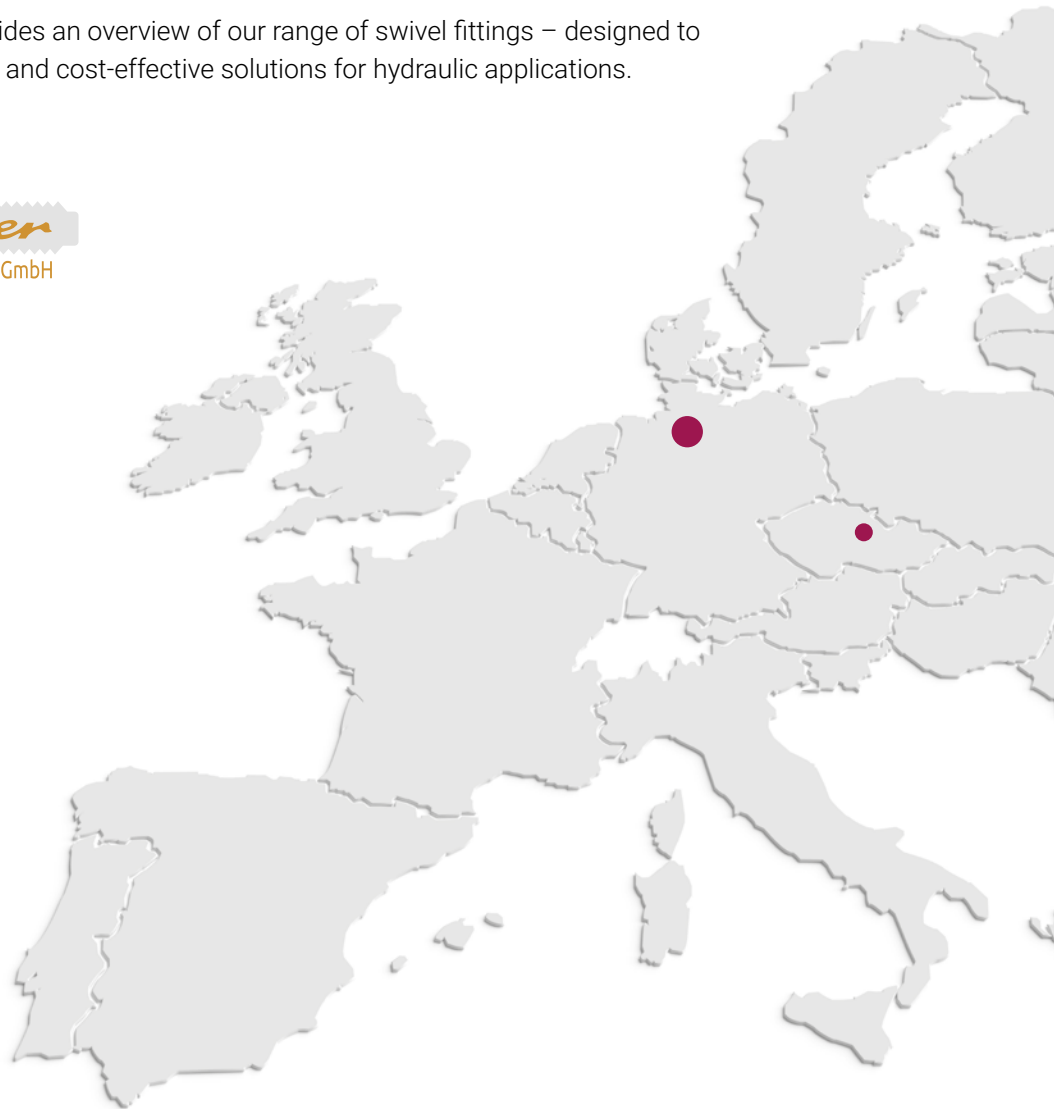


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What are swivel fittings?

Swivel fittings are pivoting connectors used to transfer fluids between stationary and moving machine parts. They allow for rotational and swivelling movements whilst maintaining the connection for the relevant medium. Depending on their design, materials, surface coating and sealing system, they are suitable for a variety of applications and media.

Our standard range includes a wide variety of designs and connection options. If you cannot find a suitable swivel fitting, please use the project enquiry form at the end of this catalogue. We would be happy to look into a bespoke solution for your application.

+ 100% pressure and functional testing

+ Made in Germany

+ Durable raw materials

+ High-quality construction

+ 60 years experience in hydraulics

+ Zinc-nickel coating



Possible Areas of Application



Loading
cranes



Agricultural
machinery



Construction
machinery



Machine tools and
mechanical engineering



Municipal
vehicles



Materials handling
equipment



Irrigation
systems



Hose
reel



Special-purpose and
commercial vehicles



Forestry
machinery

Your advantages at a glance

- Prevent impermissible bending radii
- Longer life cycles for your machines and systems
- Extended service intervals
- Reduced likelihood of repairs
- Optimised, compact hose routing

Pipe connection sizes DN4 – DN42 24°

Connection series light (280 bar) and heavy-duty series (350 bar)

Optimised for hydraulic oil

Special solutions possible for air, water, brake fluid, coolant or other media

Seal in standard NBR

Temperature range from -30 - +95 °C

Composition of the swivel fittings

GK101 - 12L - 12L - A - N - Ö

Connection Series	Connection Size	Material	Sealing	Media Restriction
Pipe connection 24° on both sides	Size 12 Series L	A -> Steel V -> Stainless Steel M -> Brass	N -> NBR V -> Viton/FKM ¹ E -> EPDM ²	Ö -> Hydraulic oil W -> Water CL -> Coolant

¹ Fluorocarbon rubber compound

² Ethylene propylene diene (monomer) rubber



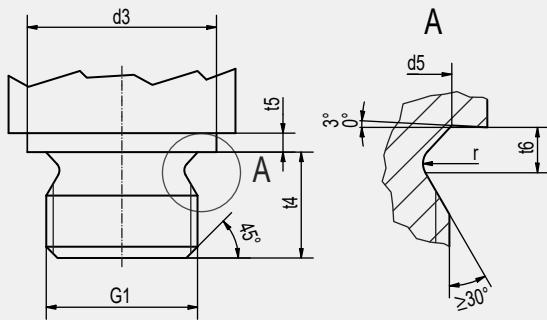
Dimensions – Pin and bore

Form A

Sealing by means of a sealing ring

Metric thread: DIN 3852-1

BSP thread: DIN 3852-2

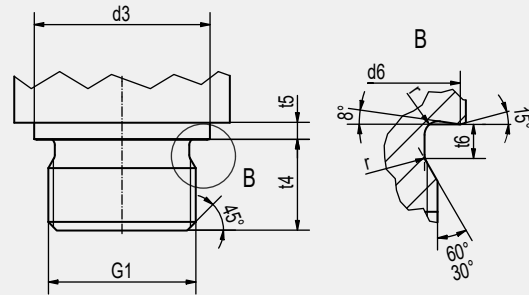


Form B

Sealing by means of a sealing edge

Metric thread: ISO 9974-3 / DIN 3852-1

BSP thread: ISO 1179-4 / DIN 3852-2



Form A and B						
G1	d3 0 -0,2	d5 0 -0,3	d6 0 -0,5	t4 ±0,2	t5 min.	t6 +0,3 0
M10 x 1	14	10,3	-	8	1,5	2
M12 x 1,5	17	12,3	-	12	2	3
M14 x 1,5	19	14,3	-	12	2	3
M16 x 1,5	21	16,3	-	12	2	3
M18 x 1,5	23	18,3	-	12	2,5	3
M20 x 1,5	25	20,3	-	14	2,5	3
M22 x 1,5	27	22,3	-	14	3	3
M26 x 1,5	31	26,3	30	16	3	3
M27 x 2	32	27,3	-	16	3	4
M33 x 2	39	33,3	-	18	3	4
M42 x 2	49	42,2	-	20	3	4
M48 x 2	55	48,3	52,3	22	3	4

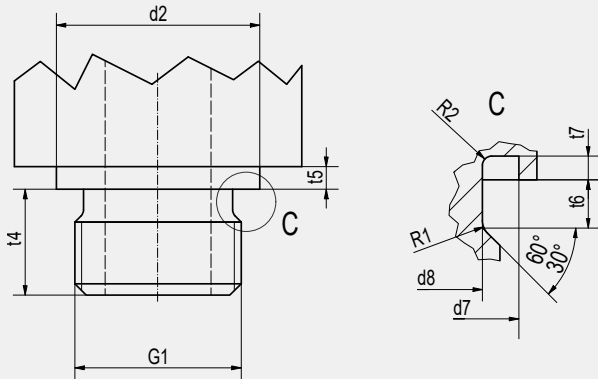
Form A and B						
G1	d3 0 -0,2	d5 0 -0,3	d6 0 -0,5	t4 ±0,2	t5 min.	t6 +0,3 0
G 1/8	14	10	-	8	1,5	2
G 1/4	18	13,4	-	12	2	3
G 2/8	22	17	-	12	2,5	3
G 1/2	27	21,3	-	14	3	4
G 3/4	32	26,7	-	16	3	4
G 1	39	33,5	-	18	3	4
G 1 1/4	49	42,2	-	20	3	4
G 1 1/2	55	48,1	-	22	3	4

Form E

Sealing by elastomer seal

Metric thread: ISO 9974-2 / DIN 3852-11

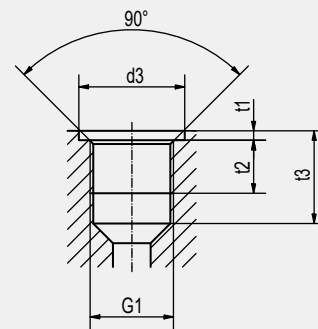
BSP thread: ISO 1179-2 / DIN 3852-11



Threaded hole, Form X

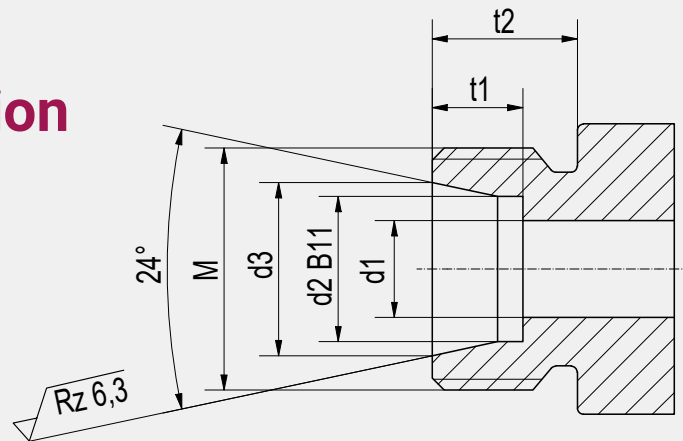
Metric thread: ISO 9974-1 / DIN 3852-1

BSP thread: ISO 1179-1 / DIN 3852-2



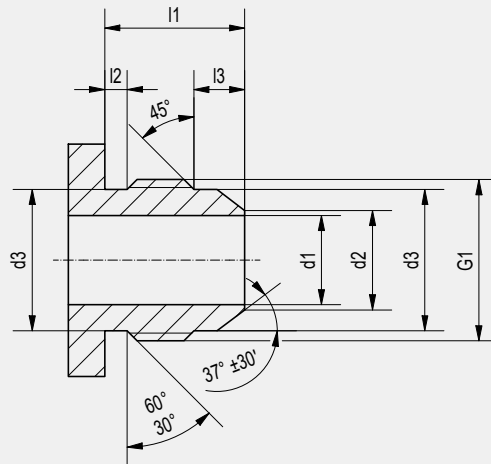
G1	Form E									Form X			
	d2 0 -0,2	d7 0 -0,3	d8 0 -0,5	t4 ±0,2	t5 min.	t6 +0,2 0	t7 +0,1 0	R1 ±0,1	R2 ±0,1	d3 min.	t1 max.	t2 min.	t3 min.
M10 x 1	14	12	8,3	8	1,5	2	0,7	1	0,5	15	1	9	12
M12 x 1,5	17	14,5	9,7	12	2	3	1,2	1,2	0,5	18	1,5	13	17,5
M14 x 1,5	19	16,6	11,7	12	2	3	1,2	1,2	0,5	20	1,5	13	17,5
M16 x 1,5	22	19	13,7	12	2	3	1,2	1,2	0,5	23	1,5	13	17,5
M18 x 1,5	24	21	15,7	12	2,5	3	1,2	1,2	0,6	25	2	13	18
M20 x 1,5	26	23	17,7	14	2,5	3	1,2	1,2	0,6	27	2	15	20
M22 x 1,5	27	24,5	19,7	14	3	3	1,2	1,2	0,6	28	2,5	15	20,5
M26 x 1,5	32	29,3	23,8	16	3	3	1,2	1,2	0,6	33	2,5	17	22,5
M27 x 2	32	29,3	23,8	16	3	4	1,2	1,6	0,6	33	2,5	17	23,5
M33 x 2	40	36	19,6	18	3	4	1,6	1,6	0,8	41	2,5	19	25,5
M42 x 2	50	46	38,6	20	3	4	1,6	1,6	0,8	51	2,5	21	27,5
M48 x 2	55	51	44,5	22	3	4	1,6	1,6	0,8	56	2,5	23	29,5
G 1/8	14	12	8,3	8	1,5	2	0,7	1	0,5	15	1	9,5	12,5
G 1/4	19	16,6	11,2	12	2	3	1,2	1,2	0,5	20	1,5	13,5	18
G 2/8	22	19	14,7	12	2,5	3	1,2	1,2	0,6	23	2	13,5	18,5
G 1/2	27	24	18,4	14	3	4	1,2	1,2	0,6	28	2,5	16	22,5
G 3/4	32	29,3	23,8	16	3	4	1,2	1,2	0,6	33	2,5	17,5	24
G 1	40	36	29,6	18	3	5	1,6	1,6	0,8	41	2,5	20	27,5
G 1 1/4	50	46	38,6	20	3	5	1,6	1,6	0,8	51	2,5	22,5	30
G 1 1/2	55	51	44,5	22	3	5	1,6	1,6	0,8	56	2,5	23,5	31

Dimensions – Metric tube connection



Series	Tube OD	DN	M	d1 ±0,1	d2 B11	d3 +0,1 0	t1 +0,3 0	t2 ±0,2
LL very light	4	3	M8 x 1	3	4	5	4	8
	6	4	M10 x 1	4,5	6	7,5	5,5	8
	8	6	M12 x 1	6	8	9,5	5,5	9
	10	8	M14 x 1	8	10	11,5	5,5	9
	12	10	M16 x 1	10	12	13,5	6	9
L light	6	4	M12 x 1,5	4	6	8,1	7	10
	8	6	M14 x 1,5	6	8	10,1	7	10
	10	8	M16 x 1,5	8	10	12,3	7	11
	12	10	M18 x 1,5	10	12	14,3	7	11
	15	12	M22 x 1,5	12	15	17,3	7	12
	18	16	M26 x 1,5	15	18	20,3	7,5	12
	22	20	M30 x 2	19	22	24,3	7,5	14
	28	25	M36 x 2	24	28	30,3	7,5	14
	35	32	M45 x 2	30	35	38	10,5	16
	42	40	M52 x 2	36	42	45	11	16
S heavy	6	3	M14 x 1,5	4	6	8,1	7	12
	8	4	M16 x 1,5	5	8	10,1	7	12
	10	6	M18 x 1,5	7	10	12,3	7,5	12
	12	8	M20 x 1,5	8	12	14,3	7,5	12
	14	10	M22 x 1,5	10	14	16,3	8	14
	16	12	M24 x 1,5	12	16	18,3	8,5	14
	20	16	M30 x 2	16	20	22,9	10,5	16
	25	20	M36 x 2	20	25	27,9	12	18
	30	25	M42 x 2	25	30	33	13,5	20
	38	32	M52 x 2	32	38	41	16	22

Dimensions – JIC tube connection



JIC Size	G1	JIC pin					
		L1 ± 0,2	L2 ± 0,2	L3 ± 0,2	d1 ± 0,2	d2 ± 0,08	d3 ± 0,15
8	UNF 3/4-16	16,7	2,8	6,6	9,9	10,8	16,65
10	UNF 7/8-14	19,3	3,1	7	12,3	13,7	19,5
12	UNF 1 1/16-12	21,9	3,6	8,2	15,5	16,85	23,85
16	UN 1 5/16-12	23,1	3,6	8,2	21,5	23,2	30,2
20	UN 1 5/8-12	24,3	3,6	9,5	27,5	29,15	38,15

Tightening torques – inches

- Tolerance for torques: +10%
- Lubricate the thread before screwing it in
- Torque specifications for steel components
- Apply the upper tolerance limit to stainless steel components

Series	Tube OD	Thread	Straight male stud fitting			Swivel plug	Blanking fitting
			Form A [Nm]	Form B [Nm]	Form E [Nm]	WH / TH [Nm]	VSTI Form E [Nm]
L	6	G 1/8-A	9	18	18	18	13
	8	G 1/4-A	35	35	35	45	30
	10	G 1/4-A	35	35	35	45	30
	12	G 3/8-A	45	70	70	70	60
	15	G 1/2-A	65	140	90	120	80
	18	G 1/2-A	65	100	90	120	80
	22	G 3/4-A	90	180	180	230	140
	28	G 1-A	150	330	310	320	200
	35	G 1 1/4-A	240	540	450	540	450
	42	G 1 1/2-A	290	630	540	700	450
S	6	G 1/4-A	35	55	55	45	30
	8	G 1/4-A	35	55	55	45	30
	10	G 3/8-A	45	90	80	70	50
	12	G 3/8-A	45	90	80	70	50
	14	G 1/2-A	65	150	115	120	80
	16	G 1/2-A	65	130	115	120	80
	20	G 3/4-A	90	270	180	230	135
	25	G 1-A	150	340	310	320	200
	30	G 1 1/4-A	240	540	450	540	360
	38	G 1 1/2-A	290	700	540	700	450

- ISO 1179-2
- DIN 3852-2/11

Tightening torques – metric

- Tolerance for torques: +10%
- Lubricate the thread before screwing it in
- Torque specifications for steel components
- Apply the upper tolerance limit to stainless steel components

Series	Tube OD	Thread	Straight male stud fitting				Swivel plug	Blanking fitting
			Form A [Nm]	Form B [Nm]	Form E [Nm]	Form F [Nm]	WH / TH [Nm]	VSTI Form E [Nm]
L	6	M 10 x 1.0	9	18	18	15	18	12
	8	M 12 x 1,5	20	30	25	25	45	25
	10	M 14 x 1,5	35	45	45	35	55	35
	12	M 16 x 1,5	45	65	55	40	80	50
	15	M 18 x 1,5	55	80	70	45	100	65
	18	M 22 x 1,5	65	140	125	60	140	90
	22	M 27 x 1,5	90	190	180	100	320	135
	28	M 33 x 2,0	150	340	310	160	360	225
	35	M 42 x 2,0	240	500	450	210	540	360
	42	M 48 x 2,0	290	630	540	260	700	360
S	6	M 12 x 1,5	20	35	35	35	45	35
	8	M 14 x 1,5	35	55	55	45	55	45
	10	M 16 x 1,5	45	70	70	55	80	55
	12	M 18 x 1,5	55	110	90	70	100	70
	14	M 20 x 1,5	55	150	125	80	125	80
	16	M 22 x 1,5	65	170	135	100	135	100
	20	M 27 x 2,0	90	270	180	170	320	170
	25	M 33 x 2,0	150	410	310	310	360	310
	30	M 42 x 2,0	240	540	450	330	540	330
	38	M 48 x 2,0	290	700	540	420	700	420

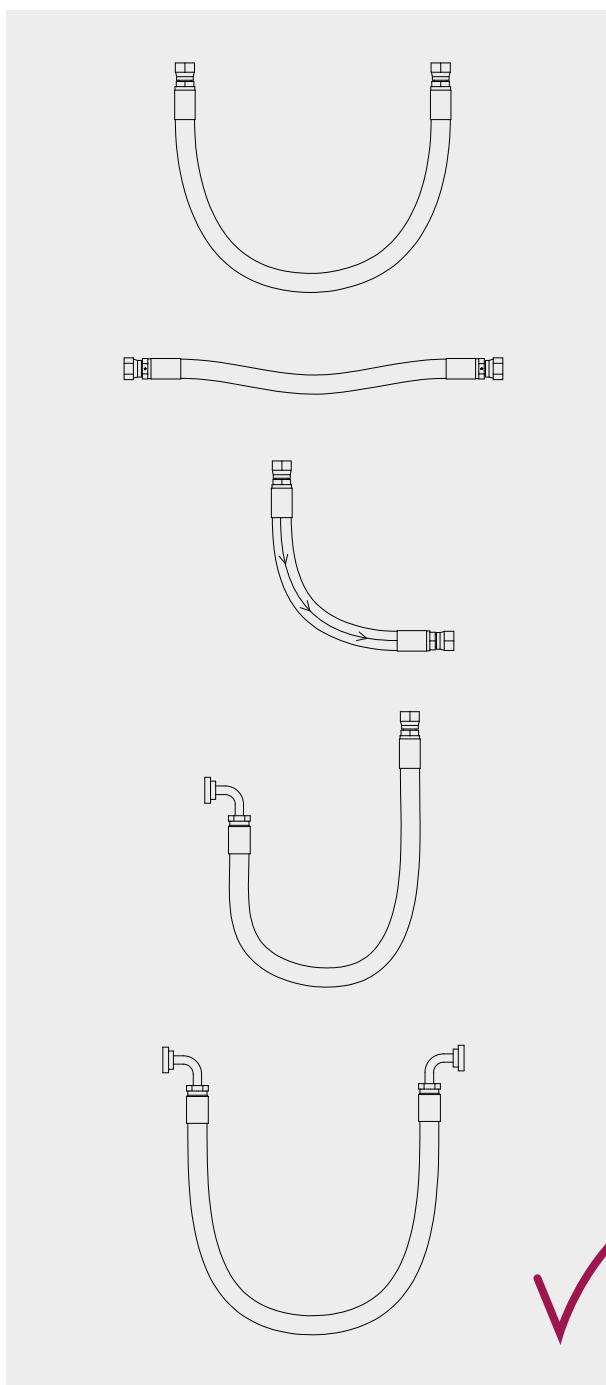
- ISO 1179-2
- DIN 3852-2/11
- DIN ISO 6149-2/3

Hose routing

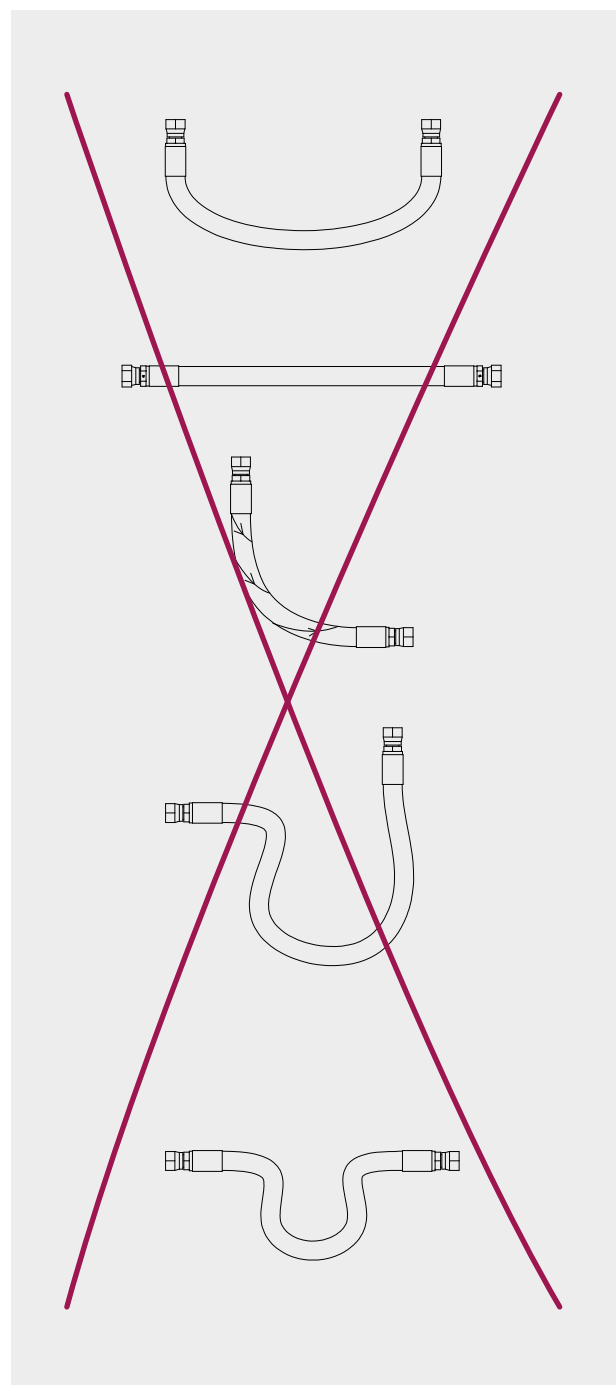
Please note the following when installing the swivel fitting:

- When routing the hose, it is essential to avoid lateral tensile forces (see illustrations below)
- The manufacturer's instructions must be followed when routing and fitting the hose
- The specified torques for all components must be taken into account

correct

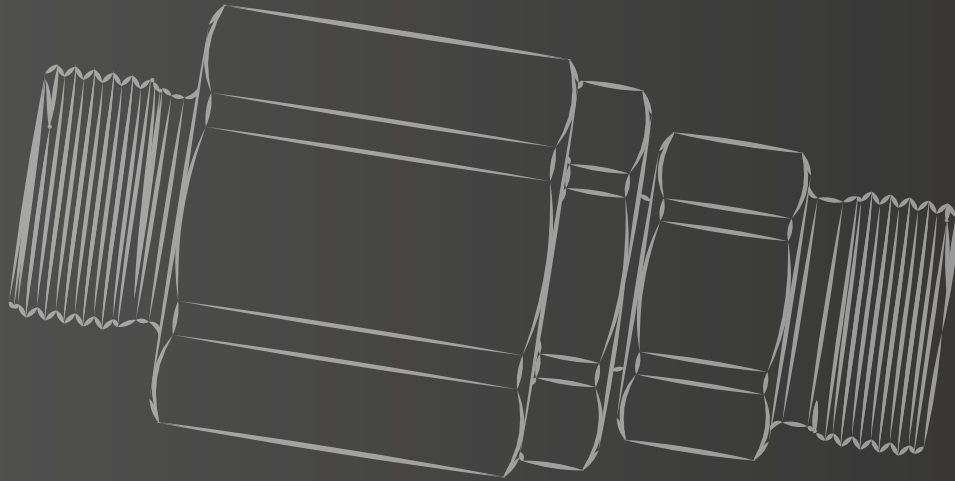


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Straight swivel fittings

| 2

Straight swivel fittings are detachable tube or hose connections that allow two components to rotate relative to one another without the connected lines twisting along with them.

This design allows for tension-free assembly and disassembly, which is particularly advantageous in confined installation spaces or where frequent maintenance is required.

Technical data

Possible connection options:

Connection 1: 24° tube connection / BSP thread, Form E / metric, Form E /
24° tube connection bulkhead / female BSP thread

Connection 2: 24° tube connection / BSP thread, Form E / female BSP thread

Material: Free-cutting steel

Coating: Zinc-nickel

Seal: NBR

Bearing: Thrust bearing

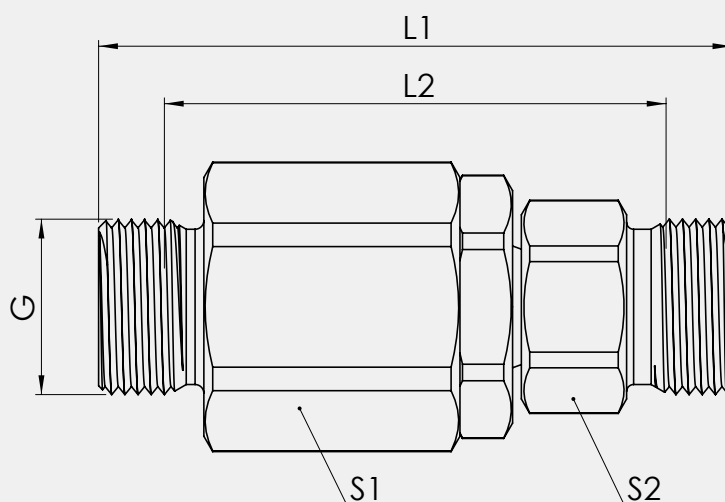
Medium: Hydraulic oil and lubricants

GK 101

Straight swivel fittings

Connection 1: 24° tube connection

Connection 2: 24° tube connection



Tube OD	Series	DN	Operating pressure	G	L1	L2	S1	S2	Description	Item No.
6	L	4	350 bar	M12 x 1,5	57	43	22	17	GK101-6L-6L-A-N	GK 1660/00N
8	L	6	350 bar	M14 x 1,5	57	43	22	17	GK101-8L-8L-A-N	GK 1661/00N
10	L	7	350 bar	M16 x 1,5	71	57	30	19	GK101-10L-10L-A-N	GK 1662/00N
12	L	7	350 bar	M18 x 1,5	73	59	30	22	GK101-12L-12L-A-N	GK 1663/00N
15	L	11	350 bar	M22 x 1,5	72	58	30	24	GK101-15L-15L-A-N	GK 1664/00N
18	L	15	350 bar	M26 x 1,5	81	66,5	41	36	GK101-18L-18L-A-N	GK 1665/00N
22	L	19	350 bar	M30 x 2	86,5	71,5	41	36	GK101-22L-22L-A-N	GK 1666/00N
28	L	19	350 bar	M36 x 2	88,5	73,5	41	36	GK101-28L-28L-A-N	GK 1667/00N
35	L	30	300 bar	M45 x 2	101,5	80,5	60	55	GK101-35L-35L-A-N	GK 1668/00N
42	L	32	300 bar	M52 x 2	102,5	80,5	60	55	GK101-42L-42L-A-N	GK 1669/00N

Tube OD	Series	DN	Operating pressure	G	L1	L2	S1	S2	Description	Item No.
6	S	4	420 bar	M14 x 1,5	61	47	22	17	GK101-6S-6S-A-N	GK 1670/00N
8	S	6	420 bar	M16 x 1,5	61	47	22	17	GK101-8S-8S-A-N	GK 1671/00N
10	S	7	420 bar	M18 x 1,5	73	58	30	22	GK101-10S-10S-A-N	GK 1672/00N
12	S	7	420 bar	M20 x 1,5	72	57	30	22	GK101-12S-12S-A-N	GK 1673/00N
16	S	10	420 bar	M24 x 1,5	74	57	30	24	GK101-16S-16S-A-N	GK 1674/00N
20	S	16	420 bar	M30 x 2	92	71	41	36	GK101-20S-20S-A-N	GK 1675/00N
25	S	19	420 bar	M36 x 2	96	72	41	36	GK101-25S-25S-A-N	GK 1676/00N
30	S	25	420 bar	M42 x 2	109	82	60	55	GK101-30S-30S-A-N	GK 1677/00N
38	S	32	420 bar	M52 x 2	114	82	60	55	GK101-38S-38S-A-N	GK 1678/00N

Alternative sizes, materials and seals are available on request.

Dimensions are subject to a tolerance of ± 0.5 mm.

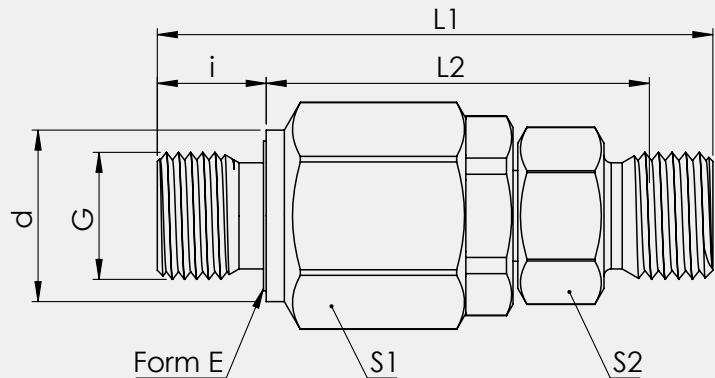
All information is provided without guarantee; we reserve the right to make technical changes.

GK 102R

Straight swivel fittings

Connection 1: BSP thread, Form E

Connection 2: 24° tube connection



Tube OD	Series	DN	Operating pressure	G	L1	L2	i	d	S1	S2	Description	Item No.
6	L	4	350 bar	G 1/4	59,5	40,5	12	19	22	17	GK102R-G1/4FE-6L-A-N	GK 1680/00N
8	L	6	350 bar	G 1/4	59,5	40,5	12	19	22	17	GK102R-G1/4FE-8L-A-N	GK 1681/00N
10	L	7	350 bar	G 1/4	61	42	12	19	22	17	GK102R-G1/4FE-10L-A-N	GK 1692/00N
10	L	7	350 bar	G 3/8	71	52	12	22	30	19	GK102R-G3/8FE-10L-A-N	GK 1682/00N
12	L	7	350 bar	G 3/8	72	53	12	22	30	22	GK102R-G3/8FE-12L-A-N	GK 1683/00N
15	L	11	350 bar	G 1/2	72	51	14	27	30	24	GK102R-G1/2FE-15L-A-N	GK 1684/00N
18	L	15	350 bar	G 3/4	90	66,5	16	32	41	36	GK102R-G3/4FE-18L-A-N	GK 1685/00N
22	L	16	350 bar	G 3/4	90	66,5	16	32	41	36	GK102R-G3/4FE-22L-A-N	GK 1686/00N
28	L	19	350 bar	G 1	92	66,5	18	40	46	36	GK102R-G1FE-28L-A-N	GK 1687/00N
35	L	25	250 bar	G 1 1/4	105	74,5	20	50	60	55	GK102R-G1 1/4FE-35L-A-N	GK 1688/00N
42	L	32	250 bar	G 1 1/2	108	75	22	55	60	55	GK102R-G1 1/2FE-42L-A-N	GK 1689/00N

Tube OD	Series	DN	Operating pressure	G	L1	L2	i	d	S1	S2	Description	Item No.
6	S	4	420 bar	G 1/4	61	42	12	19	22	17	GK102R-G1/4FE-6S-A-N	GK 1690/00N
8	S	6	420 bar	G 1/4	61	42	12	19	22	17	GK102R-G1/4FE-8S-A-N	GK 1691/00N
12	S	7	420 bar	G 3/8	72	52,5	12	22	30	22	GK102R-G3/8FE-12S-A-N	GK 1693/00N
16	S	10	420 bar	G 1/2	74	51,5	14	27	30	24	GK102R-G1/2FE-16S-A-N	GK 1694/00N
20	S	16	420 bar	G 3/4	92	65,5	16	32	41	36	GK102R-G3/4FE-20S-A-N	GK 1695/00N
25	S	18	420 bar	G 1	96	66	18	40	46	36	GK102R-G1FE-25S-A-N	GK 1696/00N
30	S	25	420 bar	G 1 1/4	109	75,5	20	50	60	55	GK102R-G1 1/4FE-30S-A-N	GK 1697/00N
38	S	30	420 bar	G 1 1/2	114	76	22	55	60	55	GK102R-G1 1/2FE-38S-A-N	GK 1698/00N

Alternative sizes, materials and seals are available on request.

Dimensions are subject to a tolerance of ± 0.5 mm.

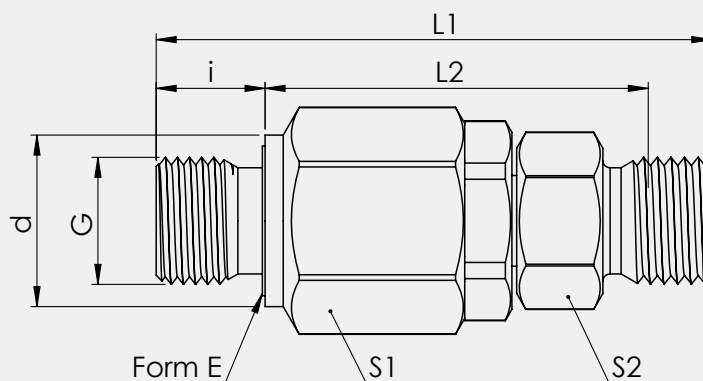
All information is provided without guarantee; we reserve the right to make technical changes.

GK 102M

Straight swivel fittings

Connection 1: metric, Form E

Connection 2: 24° tube connection



Tube OD	Series	DN	Operating pressure	G	L1	L2	i	d	S1	S2	Description	Item No.
12	L	7	350 bar	M16 x 1,5	73	54	12	22	30	22	GK102M-M16FE-12L-A-N	GK 1643/00N
18	L	10	350 bar	M22 x 1,5	74	52,5	14	27	30	27	GK102M-M22FE-18L-A-N	GK 1645/00N
22	L	16	350 bar	M27 x 2	90	66,5	16	32	41	36	GK102M-M27FE-22L-A-N	GK 1646/00N
22	L	19	350 bar	M33 x 2	87	61,5	18	40	41	36	GK102M-M33FE-22L-A-N	GK 1647/00N

Tube OD	Series	DN	Operating pressure	G	L1	L2	i	d	S1	S2	Description	Item No.
6	S	4	420 bar	M14 x 1,5	61	42	12	19	22	17	GK102M-M14FE-6S-A-N	GK 1650/00N
8	S	6	420 bar	M14 x 1,5	61	42	12	19	22	17	GK102M-M14FE-8S-A-N	GK 1651/00N
10	S	7	420 bar	M18 x 1,5	72	52,5	12	24	30	22	GK102M-M18FE-10S-A-N	GK 1652/00N
12	S	7	420 bar	M18 x 1,5	72	52,5	12	24	30	22	GK102M-M18FE-12S-A-N	GK 1653/00N
14	S	10	420 bar	M22 x 1,5	74	52	14	27	30	24	GK102M-M22FE-14S-A-N	GK 1654/00N
16	S	10	420 bar	M22 x 1,5	74	51,5	14	27	30	24	GK102M-M22FE-16S-A-N	GK 1655/00N
20	S	16	420 bar	M27 x 2	92	66,5	16	32	41	36	GK102M-M27FE-20S-A-N	GK 1656/00N
25	S	19	420 bar	M33 x 2	96	66	18	40	41	36	GK102M-M33FE-25S-A-N	GK 1657/00N
30	S	25	420 bar	M42 x 2	109	75,5	20	50	60	55	GK102M-M42FE-30S-A-N	GK 1658/00N
38	S	30	420 bar	M48 x 2	114	76	22	55	60	55	GK102M-M48FE-38S-A-N	GK 1659/00N

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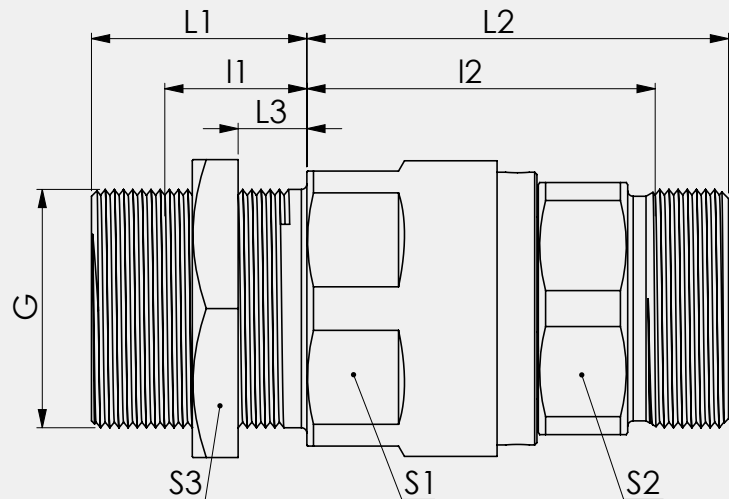
All information is provided without guarantee; we reserve the right to make technical changes.

GK 107

Straight swivel fittings

Connection 1: 24° tube connection bulkhead

Connection 2: 24° tube connection



Tube OD	Series	DN	Operating pressure	G	L1	I1	L2	I2	L3	S1	S2	S3	Description	Item No.
6	L	4	350 bar	M12 x 1,5	23	16	47	40	5	22	17	17	GK107-S6L-6L-A-N	GK 1560/00N
8	L	6	350 bar	M14 x 1,5	23	16	47	40	5	22	17	19	GK107-S8L-8L-A-N	GK 1561/00N
10	L	7	350 bar	M16 x 1,5	23	16	60	53	5	30	19	22	GK107-S10L-10L-A-N	GK 1562/00N
12	L	7	350 bar	M18 x 1,5	23	16	61	54	5	30	22	24	GK107-S12L-12L-A-N	GK 1563/00N
15	L	10	350 bar	M22 x 1,5	26	19	58	51	5	32	24	32	GK107-S15L-15L-A-N	GK 1564/00N
18	L	16	350 bar	M26 x 1,5	40	32,5	69,5	62	15	41	36	36	GK107-S18L-18L-A-N	GK 1565/00N
22	L	18	350 bar	M30 x 2	34	26,5	76	68,5	10	41	36	41	GK107-S22L-22L-A-N	GK 1566/00N
28	L	18	350 bar	M36 x 2	40	32,5	74,5	67	15	41	36	46	GK107-S28L-28L-A-N	GK 1567/00N
35	L	30	250 bar	M45 x 2	44	33,5	86	75	15	60	55	55	GK107-S35L-35L-A-N	GK 1568/00N
42	L	32	250 bar	M52 x 2	47	36	87	75,5	15	60	55	65	GK107-S42L-42L-A-N	GK 1569/00N

Tube OD	Series	DN	Operating pressure	G	L1	I1	L2	I2	L3	S1	S2	S3	Description	Item No.
6	S	4	420 bar	M14 x 1,5	23	16	49	42	5	22	17	19	GK107-S6S-6S-A-N	GK 1570/00N
8	S	6	420 bar	M16 x 1,5	23	16	49	42	5	22	17	22	GK107-S8S-8S-A-N	GK 1571/00N
12	S	7	420 bar	M20 x 1,5	23	15,5	60	52,5	5	30	22	27	GK107-S12S-12S-A-N	GK 1573/00N
16	S	10	420 bar	M24 x 1,5	26	17,5	60	51,5	5	30	24	32	GK107-S16S-16S-A-N	GK 1574/00N
20	S	16	420 bar	M30 x 2	39	28,5	76	65,5	15	41	36	41	GK107-S20S-20S-A-N	GK 1575/00N
25	S	19	420 bar	M36 x 2	42	30	78	66	15	41	36	46	GK107-S25S-25S-A-N	GK 1576/00N
30	S	25	420 bar	M42 x 2	44	30,5	89	75,5	15	60	55	50	GK107-S30S-30S-A-N	GK 1577/00N
38	S	30	420 bar	M52 x 2	47	31	92	76	15	60	55	65	GK107-S38S-38S-A-N	GK 1578/00N

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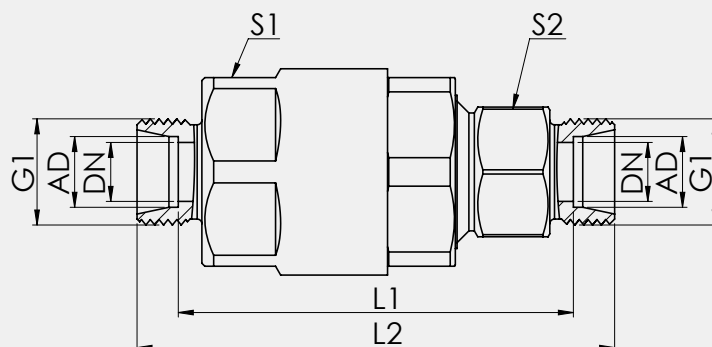
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GK 111

Straight swivel fittings
with dust protection

Connection 1: 24° tube connection

Connection 2: 24° tube connection



Tube OD	Series	DN	Operating pressure	G1	L1	L2	S1	S2	Description	Item No.
6	L	4	350 bar	M12 x 1,5	66,5	80,5	27	19	GK111-6L-6L-A-N	GK 1410/20SL
8	L	6	350 bar	M14 x 1,5	66,5	80,5	27	19	GK111-8L-8L-A-N	GK 1411/20SL
10	L	8	350 bar	M16 x 1,5	67,5	81,5	27	19	GK111-10L-10L-A-N	GK 1412/20SL
12	L	10	350 bar	M18 x 1,5	67	81	32	22	GK111-12L-12L-A-N	GK 1413/20SL
15	L	12	350 bar	M22 x 1,5	68	82	32	24	GK111-15L-15L-A-N	GK 1414/20SL
18	L	16	350 bar	M26 x 1,5	87,5	102,5	46	36	GK111-18L-18L-A-N	GK 1415/20SL
22	L	16	350 bar	M30 x 2	93,5	108,5	46	36	GK111-22L-22L-A-N	GK 1416/20SL
28	L	21	350 bar	M36 x 2	91,5	106,5	50	41	GK111-28L-28L-A-N	GK 1417/20SL

Tube OD	Series	DN	Operating pressure	G1	L1	L2	S1	S2	Description	Item No.
6	S	4	420 bar	M14 x 1,5	70,5	84,5	27	19	GK111-6S-6S-A-N	GK 1419/20SL
8	S	5	420 bar	M16 x 1,5	70,5	84,5	27	19	GK111-8S-8S-A-N	GK 1420/20SL
10	S	7	420 bar	M18 x 1,5	69,5	84,5	27	19	GK111-10S-10S-A-N	GK 1421/20SL
12	S	8,5	420 bar	M20 x 1,5	68	83	32	24	GK111-12S-12S-A-N	GK 1422/20SL
14	S	10	420 bar	M22 x 1,5	70	86	32	24	GK111-14S-14S-A-N	GK 1423/20SL
16	S	10	420 bar	M24 x 1,5	69	86	32	24	GK111-16S-16S-A-N	GK 1424/20SL
20	S	16	420 bar	M30 x 2	91,5	112,5	46	36	GK111-20S-20S-A-N	GK 1425/20SL
25	S	16	420 bar	M36 x 2	88,5	112,5	46	36	GK111-25S-25S-A-N	GK 1426/20SL

Alternative sizes, materials and seals are available on request.

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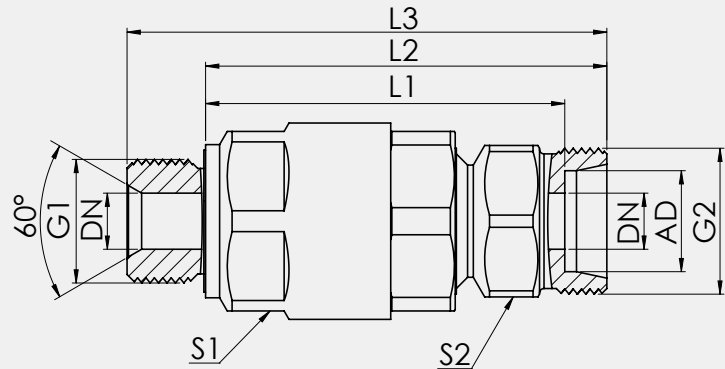
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GK 112R

Straight swivel fittings
with dust protection

Connection 1: BSP thread, Form E

Connection 2: 24° tube connection



Tube OD	Series	DN	Operating pressure	G1	G2	L1	L2	L3	S1	S2	Description	Item No.
6	L	4	350 bar	G 1/4	M12 x 1,5	63,5	70,5	82,5	27	19	GK112R-G1/4FE-6L-A-N	GK 1437/20SL
8	L	6	350 bar	G 1/4	M14 x 1,5	63,5	70,5	82,5	27	19	GK112R-G1/4FE-8L-A-N	GK 1438/20SL
10	L	8	350 bar	G 3/8	M16 x 1,5	63,5	70,5	82,5	27	19	GK112R-G3/8FE-10L-A-N	GK 1450/20SL
12	L	8	350 bar	G 3/8	M18 x 1,5	63,5	70,5	82,5	27	19	GK112R-G3/8FE-12L-A-N	GK 1451/20SL
12	L	8	350 bar	G 1/2	M18 x 1,5	64,5	71,5	85,5	32	22	GK112R-G1/2FE-12L-A-N	GK 1454/20SL
15	L	10	350 bar	G 1/2	M22 x 1,5	64,5	71,5	85,5	32	24	GK112R-G1/2FE-15L-A-N	GK 1459/20SL
18	L	10	350 bar	G 1/2	M26 x 1,5	64	71,5	85,5	32	27	GK112R-G1/2FE-18L-A-N	GK 1462/20SL
18	L	10	350 bar	G 3/4	M26 x 1,5	63	70,5	86,5	32	27	GK112R-G3/4FE-18L-A-N	GK 1461/20SL
22	L	16	350 bar	G 3/4	M30 x 2	88,5	96	112	46	36	GK112R-G3/4FE-22L-A-N	GK 1466/20SL

Tube OD	Series	DN	Operating pressure	G1	G2	L1	L2	L3	S1	S2	Description	Item No.
6	S	4	420 bar	G 1/4	M14 x 1,5	65,5	72,5	84,5	27	19	GK112R-G1/4FE-6S-A-N	GK 1436/20SL
8	S	5	420 bar	G 1/4	M16 x 1,5	65,5	72,5	84,5	27	19	GK112R-G1/4FE-8S-A-N	GK 1449/20SL
10	S	7	420 bar	G 3/8	M18 x 1,5	65	72,5	84,5	27	19	GK112R-G3/8FE-10S-A-N	GK 1446/20SL
12	S	7	420 bar	G 3/8	M20 x 1,5	63	70,5	82,5	27	24	GK112R-G3/8FE-12S-A-N	GK 1453/20SL
12	S	8,5	420 bar	G 1/2	M20 x 1,5	65	72,5	86,5	32	24	GK112R-G1/2FE-12S-A-N	GK 1456/20SL
14	S	8	420 bar	G 3/8	M22 x 1,5	64,5	72,5	84,5	27	24	GK112R-G3/8FE-14S-A-N	GK 1447/20SL
14	S	10	420 bar	G 1/2	M22 x 1,5	65,5	73,5	87,5	32	24	GK112R-G1/2FE-14S-A-N	GK 1458/20SL
16	S	10	420 bar	G 1/2	M24 x 1,5	65	73,5	87,5	32	24	GK112R-G1/2FE-16S-A-N	GK 1460/20SL
20	S	10	420 bar	G 3/4	M30 x 2	86,5	97	113	46	36	GK112R-G3/4FE-20S-A-N	GK 1465/20SL
25	S	16	420 bar	G 3/4	M36 x 2	88	100	116	46	36	GK112R-G3/4FE-25S-A-N	GK 1471/20SL
25	S	16	420 bar	G 1	M36 x 2	87,5	99,5	117,5	46	36	GK112R-G1FE-25S-A-N	GK 1479/20SL

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GK 117

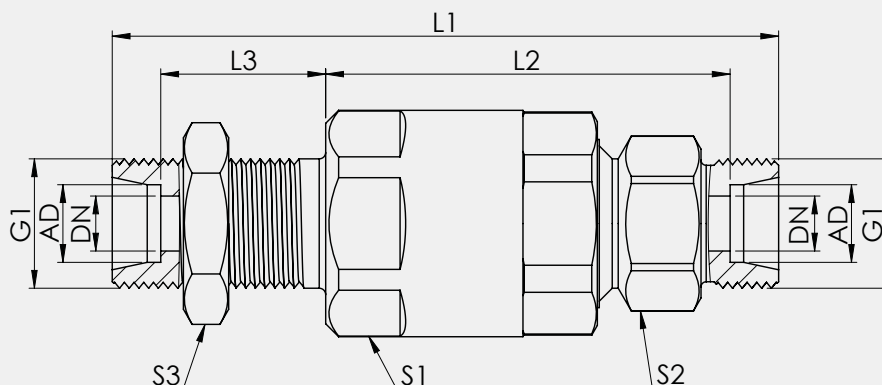
Straight swivel fittings
with dust protection

Connection 1:

24° tube connection bulkhead

Connection 2:

24° tube connection



Tube OD	Series	DN	Operating pressure	G1	L1	L2	L3	S1	S2	S3	Description	Item No.
8	L	6	350 bar	M14 x 1,5	95	63	18	27	19	19	GK117-S8L-8L-A-N	GK 1503/20SL
10	L	8	350 bar	M16 x 1,5	92	62	16	27	19	22	GK117-S10L-10L-A-N	GK 1501/20SL
12	L	10	350 bar	M18 x 1,5	102	62	26	32	22	24	GK117-S12L-12L-A-N	GK 1508/20SL
15	L	10	350 bar	M22 x 1,5	102	62	26	32	24	32	GK117-S15L-15L-A-N	GK 1511/20SL
18	L	15	350 bar	M26 x 1,5	133	85,5	32,5	46	36	36	GK117-S18L-18L-A-N	GK 1515/20SL
22	L	16	350 bar	M30 x 2	133	85,5	32,5	46	36	41	GK117-S22L-22L-A-N	GK 1520/20SL
28	L	21	350 bar	M36 x 2	132,5	85	32,5	50	41	46	GK117-S28L-28L-A-N	GK 1523/20SL

Tube OD	Series	DN	Operating pressure	G1	L1	L2	L3	S1	S2	S3	Description	Item No.
6	S	4	420 bar	M14 x 1,5	97,5	63,5	20	27	19	19	GK117-S6S-6S-A-N	GK 1502/20SL
8	S	4	420 bar	M16 x 1,5	99,5	63,5	22	27	19	22	GK117-S8S-8S-A-N	GK 1505/20SL
10	S	7	420 bar	M18 x 1,5	103,5	65	24	27	19	24	GK117-S10S-10S-A-N	GK 1507/20SL
12	S	8,5	420 bar	M20 x 1,5	103	62,5	25,5	32	24	27	GK117-S12S-12S-A-N	GK 1510/20SL
14	S	10	420 bar	M22 x 1,5	104	63	25	32	24	32	GK117-S14S-14S-A-N	GK 1512/20SL
16	S	10	420 bar	M24 x 1,5	104	62,5	24,5	32	24	32	GK117-S16S-16S-A-N	GK 1514/20SL
20	S	16	420 bar	M30 x 2	134	83,5	29,5	46	36	41	GK117-S20S-20S-A-N	GK 1518/20SL
25	S	16	420 bar	M36 x 2	144	85	35	46	36	46	GK117-S25S-25S-A-N	GK 1522/20SL

Alternative sizes, materials and seals are available on request.

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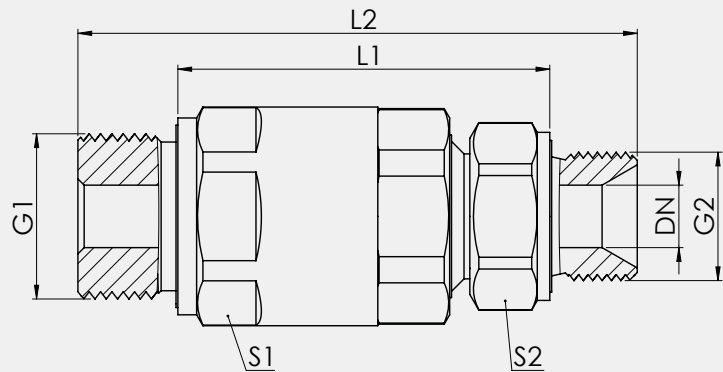
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GK 119R

Straight swivel fittings
with dust protection

Connection 1: BSP thread, Form E

Connection 2: BSP thread, Form E



DN	Operating pressure	G1	G2	L1	L2	S1	S2	Description	Item No.
6	420 bar	G 1/4	G 1/4	67	91	27	24	GK119R-G1/4FE-G1/4FE-A-N	GK 1435/20SL
8	420 bar	G 3/8	G 3/8	64	88	27	24	GK119R-G3/8FE-G3/8FE-A-N	GK 1440/20SL
10	420 bar	G 1/2	G 1/2	60,5	88,5	32	27	GK119R-G1/2FE-G1/2FE-A-N	GK 1441/20SL
10	420 bar	G 3/4	G 1/2	59,5	89,5	32	27	GK119R-G3/4FE-G1/2FE-A-N	GK 1442/20SL
16	420 bar	G 3/4	G 3/4	84	116	46	36	GK119R-G3/4FE-G3/4FE-A-N	GK 1443/20SL
16	420 bar	G 1	G 1	83	119	46	41	GK119R-G1FE-G1FE-A-N	GK 1445/20SL

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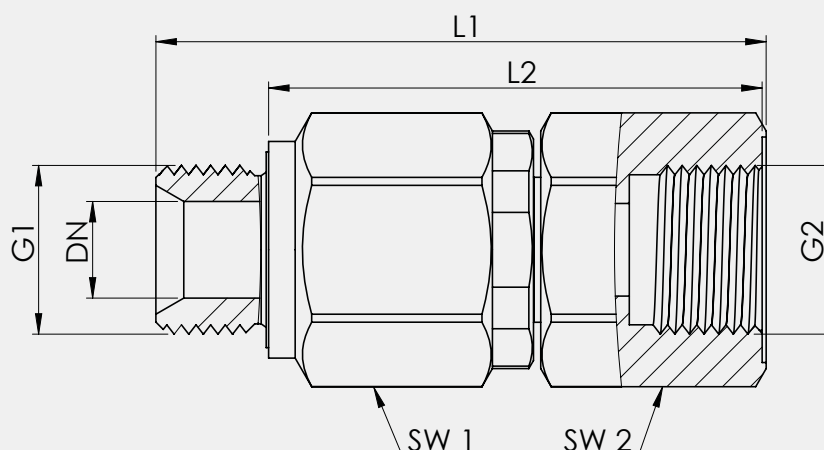
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GK 309R

Straight swivel fittings

Connection 1: BSP thread, Form E

Connection 2: female BSP thread



DN	Operating pressure	G1	G2	L1	L2	S1	S2	Description	Item No.
6	350 bar	G 1/4	G 1/4	65,5	53,7	22	22	GK 309R-G1/4FE-IG1/4-A-N	GK 1622/00N
7	350 bar	G 3/8	G 3/8	76	64	30	27	GK309R-G3/8FE-IG3/8-A-N	GK 1623/00N
11	350 bar	G 1/2	G1/2	76	61,5	30	30	GK309R-G1/2FE-IG1/2-A-N	GK 1624/00N
16	350 bar	G 3/4	G 3/4	96	79,5	41	41	GK309R-G3/4FE-IG3/4-A-N	GK 1625/00N
19	350 bar	G 1	G 1	98	79,5	46	41	GK309R-G1FE-IG1-A-N	GK 1626/00N
30	250 bar	G 1 1/4	G 1 1/4	112,5	92	60	55	GK309R-G1.1/4FE-IG1.1/4-A-N	GK 1627/00N
30	250 bar	G 1 1/2	G 1 1/2	114,5	92	60	60	GK309R-G1.1/2FE-IG1.1/2-A-N	GK 1628/00N

Alternative sizes, materials and seals are available on request.

Dimensions are subject to a tolerance of ± 0.5 mm.

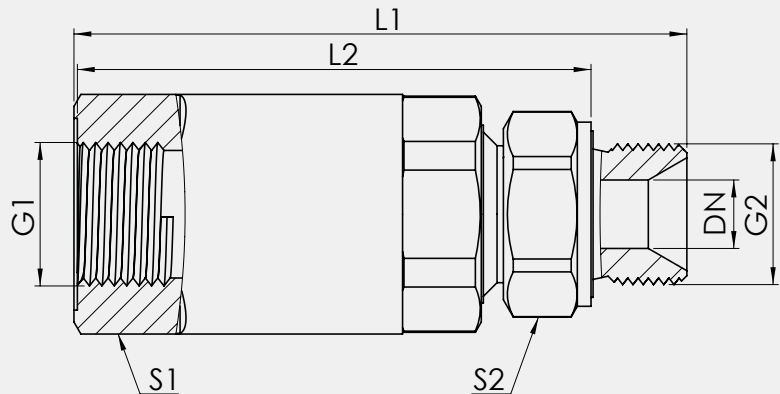
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GK 329R

Straight swivel fittings
with dust protection

Connection 1: female BSP thread

Connection 2: BSP thread, Form E



DN	Operating pressure	G1	G2	L1	L2	S1	S2	Description	Item No.
6	350 bar	G 1/4	G 1/4	91	78,5	27	24	GK329R-IG1/4-G1/4FE-A-N	GK 1052/20SL
8	350 bar	G 3/8	G 3/8	88,5	76	27	24	GK329R-IG3/8-G3/8FE-A-N	GK 1054/20SL
10	350 bar	G 1/2	G 1/2	89,5	75	32	27	GK329R-IG1/2-G1/2FE-A-N	GK 1056/20SL
10	350 bar	G 5/8	G 5/8	96	80,5	32	32	GK329R-IG5/8-G5/8FE-A-N	GK 1058/20SL
16	350 bar	G 3/4	G 3/4	120,5	104	36	36	GK329R-IG3/4-G3/4FE-A-N	GK 1060/20SL
16	350 bar	G 1	G 1	122,5	104	36	41	GK329R-IG1-G1FE-A-N	GK 1062/20SL
30	250 bar	G 1 1/4	G 1 1/4	168,5	148	60	55	GK329R-IG1.1/4-G1.1/4FE-A-N	GK 1064/20SL
30	250 bar	G 1 1/2	G 1 1/2	168,5	146,5	65	55	GK329R-IG1.1/2-G1.1/2FE-A-N	GK 1066/20SL

Alternative sizes, materials and seals are available on request.

Dimensions are subject to a tolerance of ± 0.5 mm.

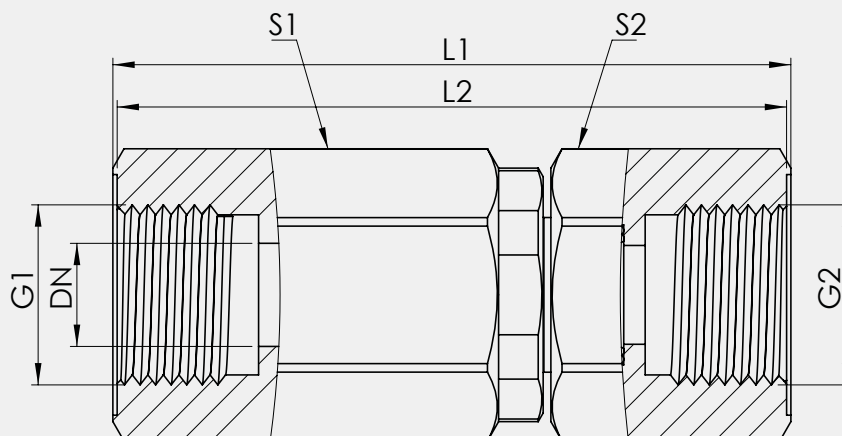
All information is provided without guarantee; we reserve the right to make technical changes.

GK 409R

Straight swivel fittings

Connection 1: female BSP thread

Connection 2: female BSP thread



DN	Operating pressure	G1	G2	L1	L2	S1	S2	Description	Item No.
6	350 bar	G 1/4	G 1/4	69	68	22	22	GK409R-IG1/4-IG1/4-A-N	GK 1631/00N
8	350 bar	G 3/8	G 3/8	75	74	30	27	GK409R-IG3/8-IG3/8-A-N	GK 1632/00N
11,5	350 bar	G 1/2	G 1/2	79,5	78,5	30	30	GK409R-IG1/2-IG1/2-A-N	GK 1633/00N
19	350 bar	G 3/4	G 3/4	90	89	46	41	GK409R-IG3/4-IG3/4-A-N	GK 1635/00N
19	350 bar	G 1	G 1	94	93	46	41	GK409R-IG1-IG1-A-N	GK 1636/00N
30	300 bar	G 1 1/4	G 1 1/4	113	112	60	55	GK409R-IG1.1/4-IG1.1/4-A-N	GK 1637/00N
30	300 bar	G 1 1/2	G 1 1/2	115	114	60	60	GK409R-IG1.1/2-IG1.1/2-A-N	GK 1638/00N

Alternative sizes, materials and seals are available on request.

Dimensions are subject to a tolerance of ± 0.5 mm.

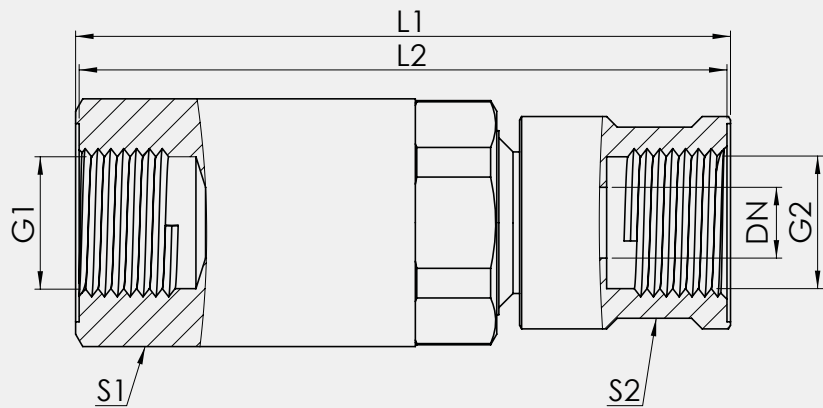
All information is provided without guarantee; we reserve the right to make technical changes.

GK 419R

Straight swivel fittings
with dust protection

Connection 1: female BSP thread

Connection 2: female BSP thread



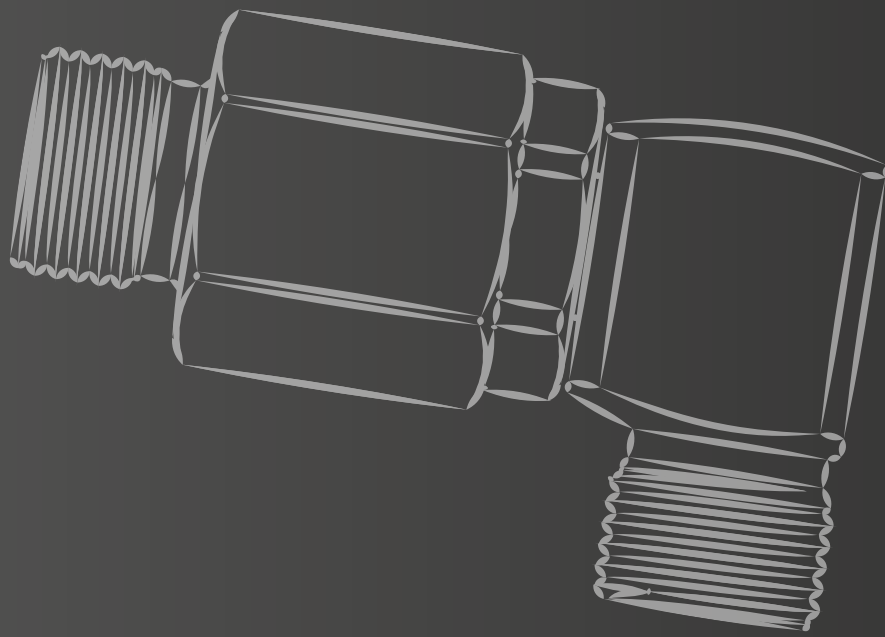
DN	Operating pressure	G1	G2	L1	L2	S1	S2	Description	Item No.
6	420 bar	G 1/8	G 1/8	86,5	85,5	27	19	GK419R-IG1/8-IG1/8-A-N	GK 1100/20SL
8	420 bar	G 1/4	G 1/4	89,5	88,5	27	24	GK419R-IG1/4-IG1/4-A-N	GK 1102/20SL
8	420 bar	G 3/8	G 3/8	89,5	88,5	27	27	GK419R-IG3/8-IG3/8-A-N	GK 1104/20SL
10	420 bar	G 1/2	G 1/2	92,5	91,5	32	27	GK419R-IG1/2-IG1/2-A-N	GK 1106/20SL
10	420 bar	G 5/8	G 5/8	92,5	91,5	32	32	GK419R-IG5/8-IG5/8-A-N	GK 1108/20SL
16	420 bar	G 3/4	G 3/4	123,5	122,5	36	36	GK419R-IG3/4-IG3/4-A-N	GK 1110/20SL
16	420 bar	G 1	G 1	123,5	122,5	36	41	GK419R-IG1-IG1-A-N	GK 1112/20SL

Alternative sizes, materials and seals are available on request.

Dimensions are subject to a tolerance of ± 0.5 mm.

All information is provided without guarantee; we reserve the right to make technical changes.





Angle swivel fittings

| 3

Angle swivel fittings combine a swivelling connection with a 90° tube routing and are ideal for confined or hard-to-reach installation spaces. They prevent hoses from twisting, reduce mechanical stress and, at the same time, ensure that the hose is correctly aligned.

Technical data

Possible connection options:

Connection 1: 24° tube connection / BSP thread, Form E / metric, Form E /
24° tube connection bulkhead

Connection 2: 24° tube connection

Material: Free-cutting steel

Coating: Zinc-nickel

Seal: NBR

Bearing: Thrust bearing

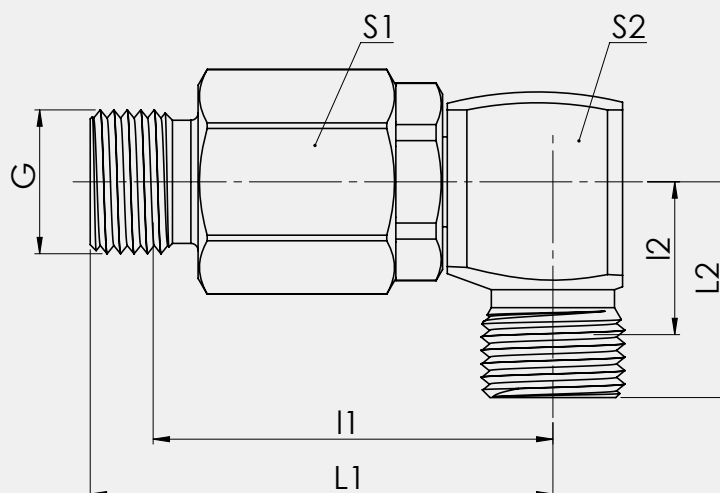
Medium: Hydraulic oil and lubricants

GK 103

Angle swivel fitting

Connection 1: 24° tube connection

Connection 2: 24° tube connection



Tube OD	Series	DN	Operating pressure	G	L1	l1	L2	l2	S1	S2	Description	Item No.
6	L	4	350 bar	M12 x 1,5	49	42	20	13	22	20	GK103-6L-6L-A-N	GK 1960/00N
8	L	6	350 bar	M14 x 1,5	49	42	22,5	15,5	22	20	GK103-8L-8L-A-N	GK 1961/00N
10	L	7	350 bar	M16 x 1,5	62,5	55,5	29	22	30	23	GK103-10L-10L-A-N	GK 1962/00N
12	L	7	350 bar	M18 x 1,5	63,5	56,5	29	22	30	23	GK103-12L-12L-A-N	GK 1963/00N
15	L	10	350 bar	M22 x 1,5	62	55	29	22	30	23	GK103-15L-15L-A-N	GK 1964/00N
18	L	15	350 bar	M26 x 1,5	77,5	70	36	28,5	41	40	GK103-18L-18L-A-N	GK 1965/00N
22	L	18	350 bar	M30 x 2	82,5	75	38	30,5	41	40	GK103-22L-22L-A-N	GK 1966/00N
28	L	18	350 bar	M36 x 2	79,5	72	38	30,5	41	40	GK103-28L-28L-A-N	GK 1967/00N
35	L	30	250 bar	M45 x 2	104,5	94	45	34,5	60	60	GK103-35L-35L-A-N	GK 1968/00N
42	L	32	250 bar	M52 x 2	100	89	45	34	60	60	GK103-42L-42L-A-N	GK 1969/00N

Tube OD	Series	DN	Operating pressure	G	L1	l1	L2	l2	S1	S2	Description	Item No.
6	S	4	420 bar	M14 x 1,5	51,5	44,5	23	16	22	20	GK103-6S-6S-A-N	GK 1970/00N
8	S	6	420 bar	M16 x 1,5	51,5	44,5	24	17	22	20	GK103-8S-8S-A-N	GK 1971/00N
12	S	7	420 bar	M20 x 1,5	63	55,5	29	21,5	30	23	GK103-12S-12S-A-N	GK 1973/00N
16	S	10	420 bar	M24 x 1,5	63	54,5	33	24,5	30	30	GK103-16S-16S-A-N	GK 1974/00N
20	S	16	420 bar	M30 x 2	83	72,5	37	26,5	41	40	GK103-20S-20S-A-N	GK 1975/00N
25	S	18	420 bar	M36 x 2	83	71	42	30	41	40	GK103-25S-25S-A-N	GK 1976/00N
30	S	25	420 bar	M42 x 2	102,5	89	49	35,5	60	60	GK103-30S-30S-A-N	GK 1977/00N
38	S	30	420 bar	M52 x 2	102,5	86,5	57	41	60	60	GK103-38S-38S-A-N	GK 1978/00N

Alternative sizes, materials and seals are available on request.

Dimensions are subject to a tolerance of ± 0.5 mm.

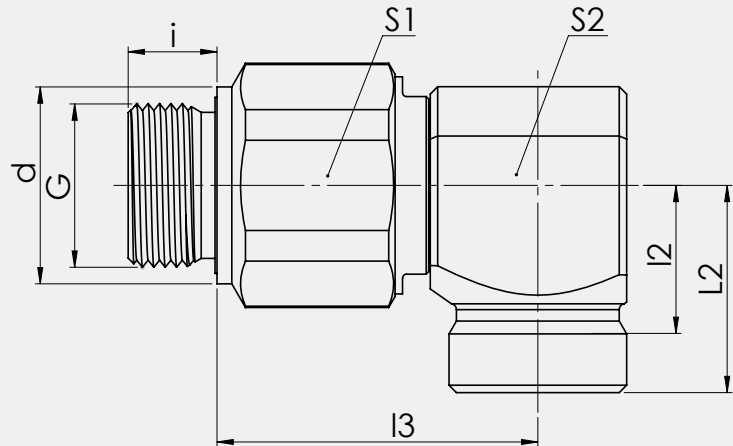
All information is provided without guarantee; we reserve the right to make technical changes.

GK 104R

Angle swivel fitting

Connection 1: BSP thread, Form E

Connection 2: 24° tube connection



Tube OD	Series	DN	Operating pressure	G	I3	L2	i	d	I2	S1	S2	Description	Item No.
6	L	4	350 bar	G 1/4	39,5	20	12	19	13	22	20	GK104R-G1/4FE-6L-A-N	GK 1780/00N
8	L	6	350 bar	G 1/4	39,5	22,5	12	19	15,5	22	20	GK104R-G1/4FE-8L-A-N	GK 1781/00N
10	L	8	350 bar	G 3/8	51	29	12	22	22	30	23	GK104R-G3/8FE-10L-A-N	GK 1782/00N
12	L	10	350 bar	G 3/8	51	29	12	22	22	30	23	GK104R-G3/8FE-12L-A-N	GK 1783/00N
15	L	12	350 bar	G 1/2	48,5	29	14	27	22	30	23	GK104R-G1/2FE-15L-A-N	GK 1784/00N
18	L	15	350 bar	G 3/4	70,5	36	16	32	28,5	41	40	GK104R-G3/4FE-18L-A-N	GK 1785/00N
22	L	20	350 bar	G 3/4	70,5	38	16	32	30,5	41	40	GK104R-G3/4FE-22L-A-N	GK 1786/00N
28	L	20	350 bar	G 1	65	38	18	40	30,5	46	40	GK104R-G1FE-28L-A-N	GK 1787/00N
35	L	25	250 bar	G 1 1/4	88	45	20	50	34,5	60	60	GK104R-G1 1/4FE-35L-A-N	GK 1788/00N
42	L	32	250 bar	G 1 1/2	83,5	45	22	55	34	60	60	GK104R-G1 1/2FE-42L-A-N	GK 1789/00N

Tube OD	Series	DN	Operating pressure	G	I3	L2	i	d	I2	S1	S2	Description	Item No.
6	S	4	420 bar	G 1/4	39,5	23	12	19	16	22	20	GK104R-G1/4FE-6S-A-N	GK 1790/00N
8	S	6	420 bar	G 1/4	39,5	24	12	19	17	22	20	GK104R-G1/4FE-8S-A-N	GK 1791/00N
10	S	7	420 bar	G 3/8	51	29	12	22	21,5	30	22	GK104R-G3/8FE-10S-A-N	GK 1792/00N
12	S	7	420 bar	G 3/8	51	29	12	22	21,5	30	23	GK104R-G3/8FE-12S-A-N	GK 1793/00N
16	S	10	420 bar	G 1/2	49	33	14	27	24,5	30	30	GK104R-G1/2FE-16S-A-N	GK 1794/00N
20	S	16	420 bar	G 3/4	67	37	16	32	26,5	41	40	GK104R-G3/4FE-20S-A-N	GK 1795/00N
20	S	16	420 bar	G 1	65	40	18	40	29,5	46	40	GK104R-G1FE-20S-A-N	GK 1796/1795N
25	S	18	420 bar	G 1	65	42	18	40	30	46	40	GK104R-G1FE-25S-A-N	GK 1796/00N
30	S	25	420 bar	G 1 1/4	82,5	49	20	50	35,5	60	60	GK104R-G1 1/4FE-30S-A-N	GK 1797/00N
38	S	30	420 bar	G 1 1/2	80,5	57	22	55	41	60	60	GK104R-G1 1/2FE-38S-A-N	GK 1798/00N

Alternative sizes, materials and seals are available on request.

Dimensions are subject to a tolerance of ± 0.5 mm.

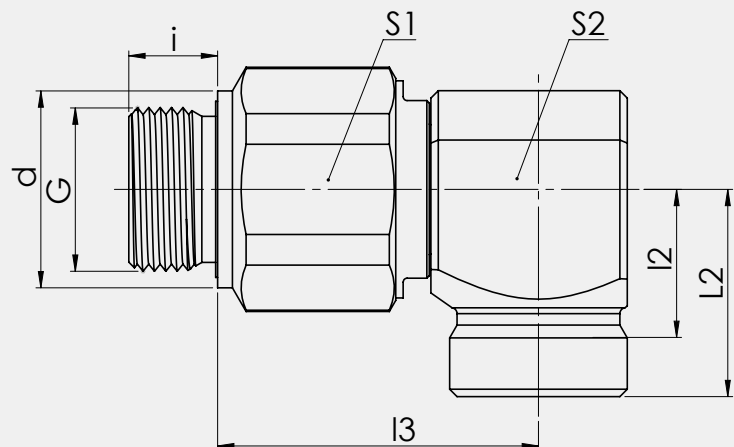
All information is provided without guarantee; we reserve the right to make technical changes.

GK 104M

Angle swivel fitting

Connection 1: metric, Form E

Connection 2: 24° tube connection



Tube OD	Series	DN	Operating pressure	G	I3	L2	i	d	I2	S1	S2	Description	Item No.
10	L	7	350 bar	M20 x 1,5	49,5	29	14	26	22	30	23	GK104M-M20FE-10L-A-N	GK 1745/00N
12	L	10	350 bar	M18 x 1,5	61,5	29	12	24	22	30	23	GK104M-M18FE-12L-A-N	GK 1763/00N
15	L	10	350 bar	M18 x 1,5	61,5	29	12	24	22	30	23	GK104M-M18FE-15L-A-N	GK 1764/00N
15	L	10	350 bar	M22 x 1,5	48	29	14	27	22	30	23	GK104M-M22FE-15L-A-N	GK 1762/00N
15	L	10	350 bar	M27 x 2	45,5	29	16	32	22	32	23	GK104M-M27FE-15L-A-N	GK 1750/00N

Tube OD	Series	DN	Operating pressure	G	I3	L2	i	d	I2	S1	S2	Description	Item No.
6	S	4	420 bar	M14 x 1,5	39,5	23	12	19	16	22	20	GK104M-M14FE-6S-A-N	GK 1768/69N
8	S	6	420 bar	M14 x 1,5	39,5	24	12	19	17	22	20	GK104M-M14FE-8S-A-N	GK 1769/00N
12	S	7	420 bar	M18 x 1,5	51	29	12	24	21,5	30	23	GK104M-M18FE-12S-A-N	GK 1771/00N
16	S	10	420 bar	M22 x 1,5	49	33	14	27	24,5	30	30	GK104M-M22FE-16S-A-N	GK 1774/00N
20	S	16	420 bar	M27 x 2	67	37	16	32	26,5	41	40	GK104M-M27FE-20S-A-N	GK 1775/00N
25	S	18	420 bar	M33 x 2	65	42	18	40	30	41	40	GK104M-M33FE-25S-A-N	GK 1776/00N
30	S	25	420 bar	M42 x 2	82,5	49	20	50	35,5	60	60	GK104M-M42FE-30S-A-N	GK 1777/00N
38	S	30	420 bar	M48 x 2	80,5	57	22	55	41	60	60	GK104M-M48FE-38S-A-N	GK 1778/00N

Alternative sizes, materials and seals are available on request.

Dimensions are subject to a tolerance of ± 0.5 mm.

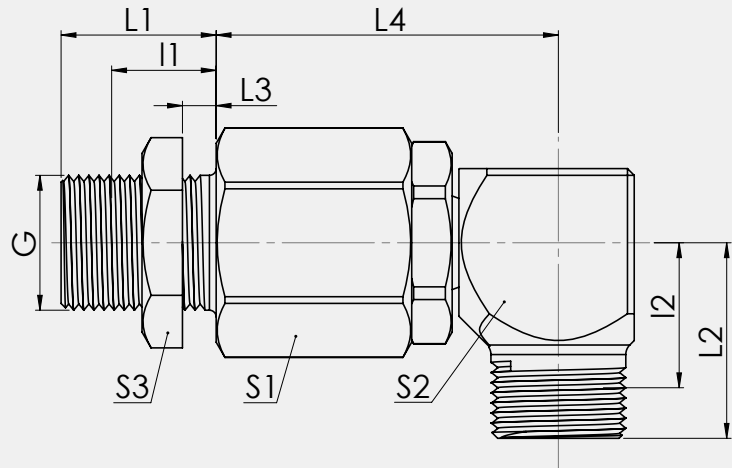
All information is provided without guarantee; we reserve the right to make technical changes.

GK 108

Angle swivel fitting

Connection 1: 24° tube connection bulkhead

Connection 2: 24° tube connection



Tube OD	Series	DN	Operating pressure	G	L1	I1	L2	I2	L3	L4	S1	S2	S3	Description	Item No.
6	L	4	350 bar	M12 x 1,5	23	16	20	13	5	39	22	20	17	GK108-S6L-6L-A-N	GK 1860/00N
8	L	6	350 bar	M14 x 1,5	23	16	22,5	15,5	5	39	22	20	19	GK108-S8L-8L-A-N	GK 1861/00N
10	L	7	350 bar	M16 x 1,5	23	16	29	22	5	52,5	30	23	22	GK108-S10L-10L-A-N	GK 1862/00N
12	L	7	350 bar	M18 x 1,5	23	16	29	22	5	51,5	30	23	24	GK108-S12L-12L-A-N	GK 1863/00N
15	L	10	350 bar	M22 x 1,5	26	19	29	22	5	48	32	23	32	GK108-S15L-15L-A-N	GK 1864/00N
18	L	16	350 bar	M26 x 1,5	40	32,5	36	28,5	15	65,5	41	40	36	GK108-S18L-18L-A-N	GK 1865/00N
22	L	18	350 bar	M30 x 2	34	26,5	38	30,5	10	72	41	40	41	GK108-S22L-22L-A-N	GK 1866/00N
35	L	30	250 bar	M45 x 2	44	33,5	45	34,5	15	88,5	60	60	55	GK108-S35L-35L-A-N	GK 1868/00N

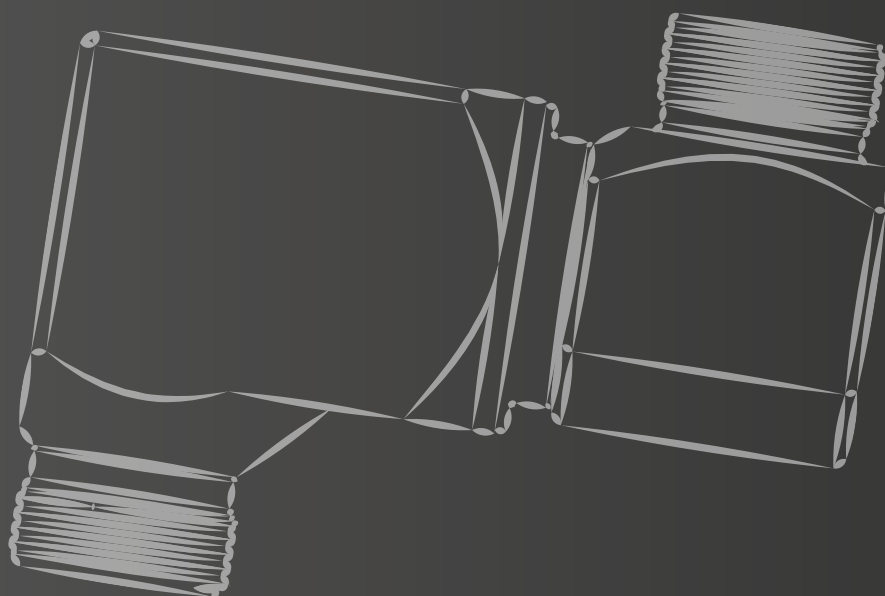
Tube OD	Series	DN	Operating pressure	G	L1	I1	L2	I2	L3	L4	S1	S2	S3	Description	Item No.
6	S	4	420 bar	M14 x 1,5	23	16	23	16	5	39,5	22	20	19	GK108-S6S-6S-A-N	GK 1870/00N
8	S	6	420 bar	M16 x 1,5	23	16	24	17	5	39,5	22	20	22	GK108-S8S-8S-A-N	GK 1871/00N
10	S	7	420 bar	M18 x 1,5	23	15,5	29	21,5	5	51,5	30	22	24	GK108-S10S-10S-A-N	GK 1872/00N
12	S	7	420 bar	M20 x 1,5	23	15,5	29	21,5	5	51	30	23	27	GK108-S12S-12S-A-N	GK 1873/00N
16	S	10	420 bar	M24 x 1,5	26	17,5	33	24,5	5	49	30	30	32	GK108-S16S-16S-A-N	GK 1874/00N
20	S	16	420 bar	M30 x 2	39	28,5	37	26,5	15	67	41	40	41	GK108-S20S-20S-A-N	GK 1875/00N
25	S	18	420 bar	M36 x 2	42	30	42	30	15	65	41	40	46	GK108-S25S-25S-A-N	GK 1876/00N
30	S	25	420 bar	M42 x 2	44	30,5	49	35,5	15	82,5	60	60	50	GK108-S30S-30S-A-N	GK 1877/00N
38	S	30	420 bar	M52 x 2	47	31	57	41	15	80,5	60	60	65	GK108-S38S-38S-A-N	GK 1878/00N

Alternative sizes, materials and seals are available on request.

Dimensions are subject to a tolerance of ± 0.5 mm.

All information is provided without guarantee; we reserve the right to make technical changes.





Double-angle swivel fittings

| 4

Double-angle swivel fittings offer maximum flexibility for complex pipework layouts involving multiple changes of direction and confined installation spaces.

Their swivelling design minimises tensile and torsional forces, thereby reducing wear on hoses, tubes and fittings. They are particularly suitable for demanding industrial plants, mechanical engineering and applications involving high-speed motion.

Technical data

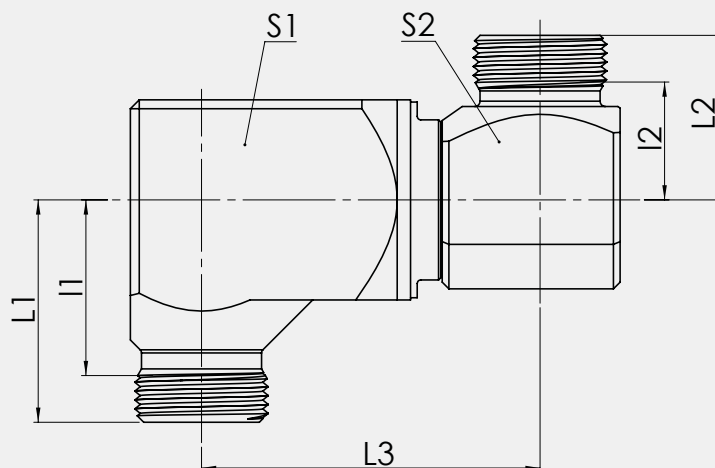
Connection 1:	24° tube connection
Connection 2:	24° tube connection
Material:	Free-cutting steel
Coating:	Zinc-nickel
Seal:	NBR
Bearing:	Thrust bearing
Medium:	Hydraulic oil and lubricants

GK 105

Double-angle swivel fitting

Connection 1: 24° tube connection

Connection 2: 24° tube connection

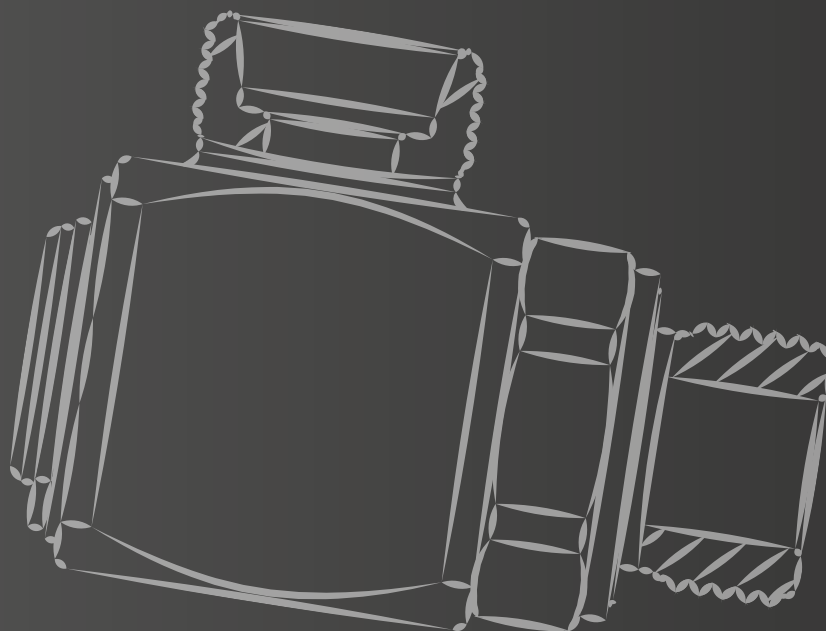


Tube OD	Series	DN	Operating pressure	G	L1	I1	L2	I2	L3	S1	S2	Description	Item No.
12	S	7	420 bar	M20 x 1,5	34	26,5	29	21,5	53	30	23	GK105-12S-12S-A-N	GK 1993/00N
16	S	11	420 bar	M24 x 1,5	34	25,5	33	24,5	53	30	30	GK105-16S-16S-A-N	GK 1994/00N
20	S	16	420 bar	M30 x 2	50	39,5	37	26,5	76	45	40	GK105-20S-20S-A-N	GK 1995/00N
25	S	18	420 bar	M36 x 2	50	38	42	30	76	45	40	GK105-25S-25S-A-N	GK 1996/00N
30	S	25	420 bar	M42 x 2	58	44,5	49	35,5	92,5	65	60	GK105-30S-30S-A-N	GK 1997/00N
38	S	30	420 bar	M52 x 2	58	42	57	41	92,5	65	60	GK105-38S-38S-A-N	GK 1998/00N

Alternative sizes, materials and seals are available on request.

Dimensions are subject to a tolerance of ± 0.5 mm.

All information is provided without guarantee; we reserve the right to make technical changes.



Angle swivel joints

| 5

Angle swivel joints allow for space-saving installation of 90° pipe runs and ensure a rotatable connection without the hose twisting. They ensure trouble-free operation and significantly minimise wear and tear.

Technical data

Possible connection options:

Connection 1: 24° tube connection / BSP thread, Form E / metric, Form E / female BSP thread

Connection 2: 24° tube connection

Material: Free-cutting steel

Coating: Zinc-nickel

Seal: NBR

Bearing: Metal bearing

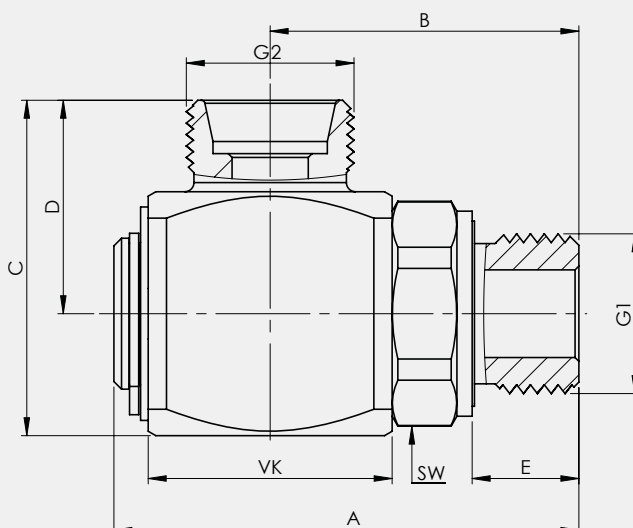
Medium: Hydraulic oil and lubricants

GK 502M

Angle swivel joint

Connection 1: metric, Form E

Connection 2: 24° tube connection



Tube OD	Series	DN	Operating pressure	G1	G2	A	B	C	D	E	SW	VK	Description	Item No.
10	L	8	350 bar	M16 x 1,5	M16 x 1,5	58	37,5	44	28	12	24	32	GK502M-M16FE-10L-A-N	GK 1232/00
12	L	8	250 bar	M16 x 1,5	M18 x 1,5	58	37,5	44	28	12	24	32	GK502M-M16FE-12L-A-N	GK 1233/00
12	L	10	350 bar	M18 x 1,5	M18 x 1,5	58	37,5	44	28	12	24	32	GK502M-M18FE-12L-A-N	GK 1229/00
15	L	10	350 bar	M18 x 1,5	M22 x 1,5	58	37,5	44	28	12	24	32	GK502M-M18FE-15L-A-N	GK 1224/00
15	L	10	350 bar	M22 x 1,5	M22 x 1,5	59	38,5	44	28	12	27	32	GK502M-M22FE-15L-A-N	GK 1294/00
15	L	10	350 bar	M27 x 2	M22 x 1,5	75	50	56	36	16	32	40	GK502M-M27FE-15L-A-N	GK 1330/00
18	L	12	350 bar	M22 x 1,5	M26 x 1,5	73	48	52	32	14	32	40	GK502M-M26FE-18L-A-N	GK 1346/00

Tube OD	Series	DN	Operating pressure	G1	G2	A	B	C	D	E	SW	VK	Description	Item No.
12	S	8	350 bar	M18 x 1,5	M20 x 1,5	58	37,5	44	28	12	24	32	GK502M-M18FE-12S-A-N	GK 1316/00
12	S	10	350 bar	M22 x 1,5	M20 x 1,5	59	38,5	44	28	12	27	32	GK502M-M22FE-12S-A-N	GK 1313/00
16	S	10	400 bar	M22 x 1,5	M24 x 1,5	59	38,5	46	30	12	27	32	GK502M-M22FE-16S-A-N	GK 1355/00
20	S	12	350 bar	M22 x 1,5	M30 x 2	73	48	56	36	14	32	40	GK502M-M22FE-20S-A-N	GK 1337/00
20	S	13	350 bar	M27 x 2	M30 x 2	75	50	56	36	16	32	40	GK502M-M27FE-20S-A-N	GK 1339/00

Alternative sizes, materials and seals are available on request.

Dimensions are subject to a tolerance of ± 0.5 mm.

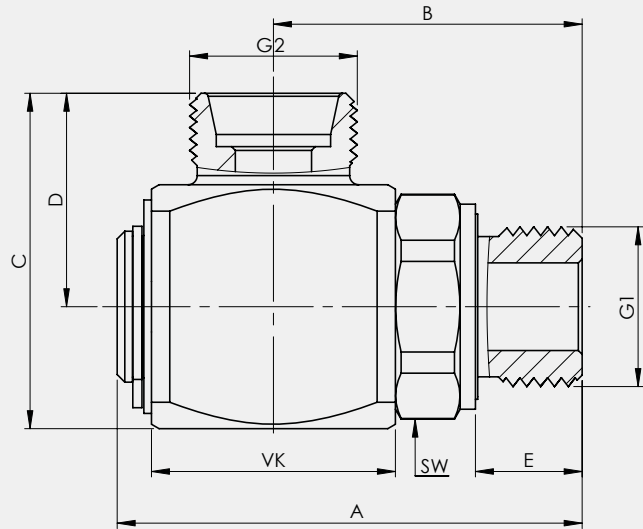
All information is provided without guarantee; we reserve the right to make technical changes.

GK 502R

Angle swivel joint

Connection 1: BSP thread, Form E

Connection 2: 24° tube connection



Tube OD	Series	DN	Operating pressure	G1	G2	A	B	C	D	E	SW	VK	Description	Item No.
10	L	6	350 bar	G 1/4	M16 x 1,5	58	37,5	44	28	12	22	32	GK502R-G1/4FE-10L-A-N	GK 1314/00
12	L	8	250 bar	G 3/8	M18 x 1,5	58	37,5	44	28	12	24	32	GK502R-G3/8FE-12L-A-N	GK 1318/00
12	L	10	350 bar	G 1/2	M18 x 1,5	61	40,5	44	28	12	27	32	GK502R-G1/2FE-12L-A-N	GK 1334/00
15	L	8	250 bar	G 3/8	M22 x 1,5	58	37,5	44	28	12	24	32	GK502R-G3/8FE-15L-A-N	GK 1333/00
15	L	10	350 bar	G 1/2	M22 x 1,5	61	40,5	44	28	14	27	32	GK502R-G1/2FE-15L-A-N	GK 1295/00
18	L	10	350 bar	G 1/2	M26 x 1,5	61	40,5	44	28	14	27	32	GK502R-G1/2FE-18L-A-N	GK 1340/00

Tube OD	Series	DN	Operating pressure	G1	G2	A	B	C	D	E	SW	VK	Description	Item No.
12	S	8	250 bar	G 3/8	M20 x 1,5	58	37,5	44	28	12	24	32	GK502R-G3/8FE-12S-A-N	GK 1319/00
12	S	8	350 bar	G 1/2	M20 x 1,5	61	40,5	44	28	14	27	32	GK502R-G1/2FE-12S-A-N	GK 1312/00
16	S	8	350 bar	G 3/8	M24 x 1,5	58	37,5	46	30	12	24	32	GK502R-G3/8FE-16S-A-N	GK 1353/00
16	S	10	350 bar	G 1/2	M24 x 1,5	61	40,5	46	30	14	27	32	GK502R-G1/2FE-16S-A-N	GK 1354/00
20	S	13	250 bar	G 3/4	M30 x 2	72	47	56	36	16	32	40	GK502R-G3/4FE-20S-A-N	GK 1350 /00

Alternative sizes, materials and seals are available on request.

Dimensions are subject to a tolerance of ± 0.5 mm.

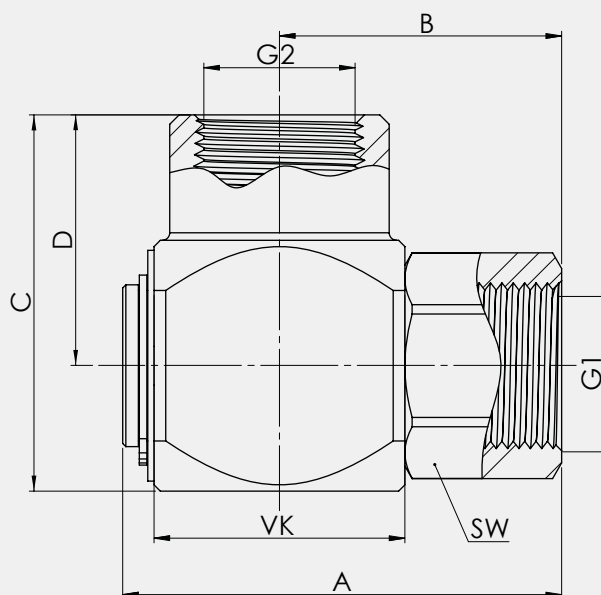
All information is provided without guarantee; we reserve the right to make technical changes.

GK 509

Angle swivel joint

Connection 1: female BSP thread

Connection 2: female BSP thread



DN	Operating pressure	G1	G2	A	B	C	D	SW	VK	Description	Item No.
10	250 bar	G 1/4	G 1/4	50	30,8	44	29	22	30	GK509-IG1/4-IG1/4-A-N	GK 1323/00
10	250 bar	G 3/8	G 3/8	50	30,8	44	29	24	30	GK509-IG3/8-IG3/8-A-N	GK 1324/00
10	250 bar	G 1/2	G 1/2	57	36,5	50	34	27	32	GK509-IG1/2-IG1/2-A-N	GK 1325/00
16	250 bar	G 3/4	G 3/4	70	45	60	40	32	40	GK509-IG3/4-IG3/4-A-N	GK 1326/00
20	420 bar	G 1	G 1	80	50	70	45	41	50	GK509-IG1-IG1-A-N	GK 1327/00

Alternative sizes, materials and seals are available on request.

Dimensions are subject to a tolerance of ± 0.5 mm.

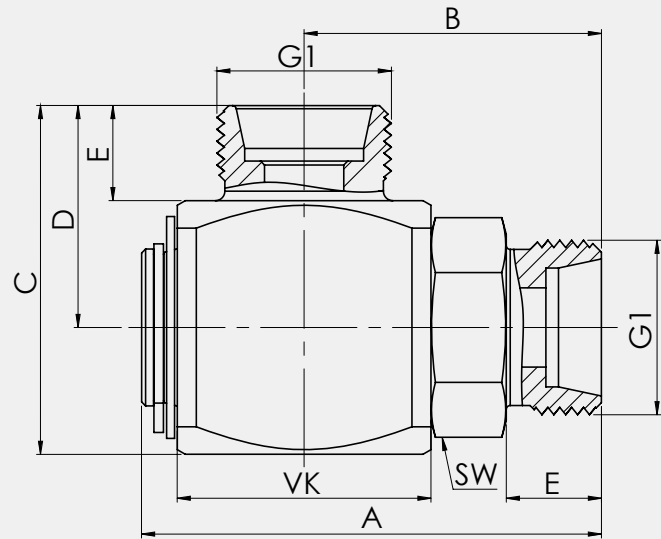
All information is provided without guarantee; we reserve the right to make technical changes.

GK 511

Angle swivel joint

Connection 1: 24° tube connection

Connection 2: 24° tube connection



Tube OD	Series	DN	Operating pressure	G1	A	B	C	D	E	SW	VK	Description	Item No.
6	L	4	350 bar	M12 x 1,5	48,5	31	37	23,5	10	19	27	GK511-6L-6L-A-N	GK 2349/00
8	L	6	350 bar	M14 x 1,5	52,5	33	40	25	10	22	30	GK511-8L-8L-A-N	GK 2350/00
10	L	8	350 bar	M16 x 1,5	56	36	43	27	11	24	32	GK511-10L-10L-A-N	GK 2351/00
12	L	10	350 bar	M18 x 1,5	61	39	47	29	11	27	35	GK511-12L-12L-A-N	GK 2352/00
15	L	12	350 bar	M22 x 1,5	67	42	52	32	12	32	40	GK511-15L-15L-A-N	GK 2353/00
18	L	15	350 bar	M26 x 1,5	73,5	46	57	34,5	12	36	45	GK511-18L-18L-A-N	GK 2354/00
22	L	19	350 bar	M30 x 2	86,5	54	69	41,5	14	41	55	GK511-22L-22L-A-N	GK 2355/00
28	L	24	250 bar	M36 x 2	101,5	62	79	46,5	14	50	65	GK511-28L-28L-A-N	GK 2356/00
35	L	30	250 bar	M45 x 2	115	69	91	53,5	16	55	75	GK511-35L-35L-A-N	GK 2357/00
42	L	32	250 bar	M52 x 2	147	90	106	61	16	70	90	GK511-42L-42L-A-N	GK 2358/00

Tube OD	Series	DN	Operating pressure	G1	A	B	C	D	E	SW	VK	Description	Item No.
6	S	4	400 bar	M14 x 1,5	51	33	39	25,5	12	19	27	GK511-6S-6S-A-N	GK 2359/00
8	S	4	400 bar	M16 x 1,5	51	33	39	25,5	12	19	27	GK511-8S-8S-A-N	GK 2360/00
10	S	6	400 bar	M18 x 1,5	56	35	42	27	12	22	30	GK511-10S-10S-A-N	GK 2361/00
12	S	8	400 bar	M20 x 1,5	57,5	37	44	28	12	24	32	GK511-12S-12S-A-N	GK 2362/00
14	S	10	400 bar	M22 x 1,5	66	42	50	32	14	27	36	GK511-14S-14S-A-N	GK 2363/00
16	S	12	400 bar	M24 x 1,5	70	44	54	34	14	32	40	GK511-16S-16S-A-N	GK 2364/00
20	S	16	350 bar	M30 x 2	78	50	61	38,5	16	36	45	GK511-20S-20S-A-N	GK 2365/00
25	S	19	350 bar	M36 x 2	93	58	73	45,5	18	41	55	GK511-25S-25S-A-N	GK 2366/00
30	S	24	250 bar	M42 x 2	109	68	85	52,5	20	50	65	GK511-30S-30S-A-N	GK 2367/00
38	S	30	250 bar	M52 x 2	121	75	97	59,5	22	55	75	GK511-38S-38S-A-N	GK 2368/00

Alternative sizes, materials and seals are available on request.

Dimensions are subject to a tolerance of ± 0.5 mm.

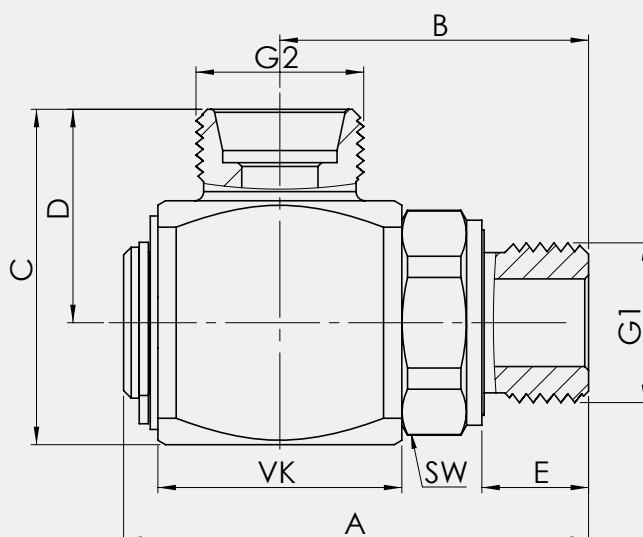
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GK 512M

Angle swivel joint

Connection 1: metric, Form E

Connection 2: 24° tube connection



Tube OD	Series	DN	Operating pressure	G1	G2	A	B	C	D	E	SW	VK	Description	Item No.
6	L	4	350 bar	M10 x 1,5	M12 x 1,5	47	29	37	23,5	8	19	27	GK512M-M10FE-6L-A-N	GK 2300/00
6	L	4	350 bar	M12 x 1,5	M12 x 1,5	51,5	34	37	23,5	12	19	27	GK512M-M12FE-6L-A-N	GK 2301/00
8	L	4	350 bar	M12 x 1,5	M14 x 1,5	51,5	34	37	23,5	12	19	27	GK512M-M12FE-8L-A-N	GK 2302/00
8	L	6	350 bar	M14 x 1,5	M14 x 1,5	56	37	40	25	12	22	30	GK512M-M14FE-8L-A-N	GK 2303/00
10	L	6	350 bar	M14 x 1,5	M16 x 1,5	56	37	41	26	12	22	30	GK512M-M14FE-10L-A-N	GK 2304/00
10	L	8	350 bar	M16 x 1,5	M16 x 1,5	59,5	39	43	27	12	24	32	GK512M-M16FE-10L-A-N	GK 2305/00
12	L	8	350 bar	M16 x 1,5	M18 x 1,5	59,5	39	43	27	12	24	32	GK512M-M16FE-12L-A-N	GK 2306/00
12	L	10	350 bar	M18 x 1,5	M18 x 1,5	64,5	42	47	29	12	27	35	GK512M-M18FE-12L-A-N	GK 2307/00
15	L	10	350 bar	M18 x 1,5	M22 x 1,5	64,5	42	48	30	12	27	35	GK512M-M18FE-15L-A-N	GK 2308/00
15	L	12	350 bar	M22 x 1,5	M22 x 1,5	71,5	47	52	32	14	32	40	GK512M-M22FE-15L-A-N	GK 2309/00
18	L	12	350 bar	M22 x 1,5	M26 x 1,5	73	47	52	32	14	32	40	GK512M-M22FE-18L-A-N	GK 2310/00
22	L	16	350 bar	M26 x 1,5	M30 x 2	78,5	51	59	36,5	16	36	45	GK512M-M26FE-22L-A-N	GK 2311/00
28	L	19	250 bar	M33 x 2	M36 x 2	91,5	59	68	41,5	18	41	55	GK512M-M33FE-28L-A-N	GK 2312/00
35	L	24	250 bar	M42 x 2	M45 x 2	112	70	81	48,5	20	50	65	GK512M-M42FE-35L-A-N	GK 2313/00
42	L	30	250 bar	M48 x 2	M52 x 2	124	78	91	53,5	22	55	75	GK512M-M48FE-42L-A-N	GK 2314/00

Tube OD	Series	DN	Operating pressure	G1	G2	A	B	C	D	E	SW	VK	Description	Item No.
6	S	4	400 bar	M12 x 1,5	M14 x 1,5	51,5	34	39	25,5	12	19	27	GK512M-M12FE-6S-A-N	GK 2315/00
8	S	4	400 bar	M14 x 1,5	M16 x 1,5	52	34	39	25,5	12	19	27	GK512M-M14FE-8S-A-N	GK 2316/00
10	S	6	400 bar	M16 x 1,5	M18 x 1,5	56,5	37	42	27	12	22	30	GK512M-M16FE-10S-A-N	GK 2317/00
12	S	8	400 bar	M18 x 1,5	M20 x 1,5	59,5	39	44	28	12	24	32	GK512M-M18FE-12S-A-N	GK 2318/00
14	S	10	400 bar	M20 x 1,5	M22 x 1,5	69	44	50	32	14	27	36	GK512M-M20FE-14S-A-N	GK 2319/00
16	S	12	400 bar	M22 x 1,5	M24 x 1,5	72	47	54	34	14	32	40	GK512M-M22FE-16S-A-N	GK 2320/00
20	S	16	350 bar	M27 x 2	M30 x 2	78,5	51	61	38,5	16	36	45	GK512M-M27FE-20S-A-N	GK 2321/00
25	S	19	350 bar	M33 x 2	M36 x 2	91,5	59	73	45,5	18	41	55	GK512M-M33FE-25S-A-N	GK 2322/00
30	S	24	250 bar	M42 x 2	M42 x 2	110,5	71	85	52,5	20	50	65	GK512M-M42FE-30S-A-N	GK 2323/00
38	S	30	250 bar	M48 x 2	M52 x 2	124	78	97	59,5	22	55	75	GK512M-M48FE-38S-A-N	GK 2324/00

Alternative sizes, materials and seals are available on request.

Dimensions are subject to a tolerance of ± 0.5 mm.

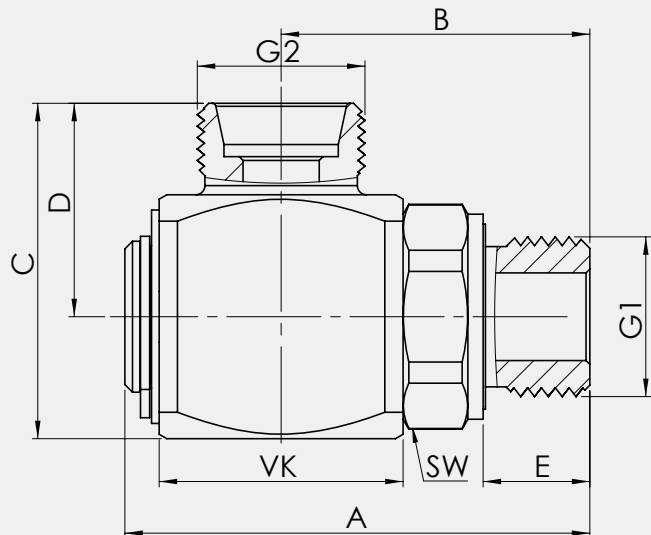
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GK 512R

Angle swivel joint

Connection 1: BSP thread, Form E

Connection 2: 24° tube connection



Tube OD	Series	DN	Operating pressure	G1	G2	A	B	C	D	E	SW	VK	Description	Item No.
6	L	4	350 bar	G 1/8	M12 x 1,5	47	29	36	23	8	19	27	GK512R-1/8FE-6L-A-N	GK 2325/00
6	L	4	350 bar	G 1/4	M12 x 1,5	52	34	36	23	12	19	27	GK512R-1/4FE-6L-A-N	GK 2326/00
8	L	6	350 bar	G 1/4	M14 x 1,5	56	37	40	25	12	22	30	GK512R-1/4FE-8L-A-N	GK 2327/00
10	L	6	350 bar	G 1/4	M16 x 1,5	56	37	41	26	12	22	30	GK512R-1/4FE-10L-A-N	GK 2328/00
10	L	8	350 bar	G 3/8	M16 x 1,5	59,5	39	43	27	12	24	32	GK512R-3/8FE-10L-A-N	GK 2329/00
12	L	8	350 bar	G 3/8	M18 x 1,5	59,5	39	43	27	12	24	32	GK512R-3/8FE-12L-A-N	GK 2330/00
12	L	10	350 bar	G 1/2	M18 x 1,5	66,5	44	47	29	14	27	35	GK512R-1/2FE-12L-A-N	GK 2331/00
15	L	12	350 bar	G 1/2	M22 x 1,5	71,5	47	52	32	14	32	40	GK512R-1/2FE-15L-A-N	GK 2332/00
18	L	12	350 bar	G 1/2	M26 x 1,5	71,5	47	52	32	14	32	40	GK512R-1/2FE-18L-A-N	GK 2333/00
22	L	16	350 bar	G 3/4	M30 x 2	78,5	51	58	36	16	36	45	GK512R-3/4FE-22L-A-N	GK 2334/00
28	L	19	250 bar	G 1	M36 x 2	91,5	59	68	41	18	41	55	GK512R-1FE-28L-A-N	GK 2335/00
35	L	24	250 bar	G 1 1/4	M45 x 2	110,5	71	80	48	20	50	65	GK512R-1.1/4FE-34L-A-N	GK 2336/00
42	L	30	250 bar	G 1 1/2	M52 x 2	123	78	91	53,5	22	55	75	GK512R-1.1/2FE-42L-A-N	GK 2337/00

Tube OD	Series	DN	Operating pressure	G1	G2	A	B	C	D	E	SW	VK	Description	Item No.
6	S	4	400 bar	G 1/4	M14 x 1,5	52	34	39	25	12	19	27	GK512R-1/4FE-6S-A-N	GK 2339/00
8	S	4	400 bar	G 1/4	M16 x 1,5	52	34	39	25	12	19	27	GK512R-1/4FE-8S-A-N	GK 2340/00
10	S	6	400 bar	G 3/8	M18 x 1,5	56	37	42	27	12	22	30	GK512R-3/8FE-10S-A-N	GK 2341/00
12	S	8	400 bar	G 3/8	M20 x 1,5	59,5	39	44	28	12	24	32	GK512R-3/8FE-12S-A-N	GK 2342/00
14	S	10	400 bar	G 1/2	M22 x 1,5	67	44	50	32	14	27	36	GK512R-1/2FE-14S-A-N	GK 2343/00
16	S	12	400 bar	G 1/2	M24 x 1,5	71,5	47	54	34	14	32	40	GK512R-1/2FE-16S-A-N	GK 2344/00
20	S	16	350 bar	G 3/4	M30 x 2	78,5	51	61	38	16	36	45	GK512R-3/4FE-20S-A-N	GK 2345/00
25	S	19	350 bar	G 1	M36 x 2	91,5	59	73	45	18	41	55	GK512R-1FE-25S-A-N	GK 2346/00
30	S	24	250 bar	G 1 1/4	M42 x 2	110,5	71	85	52	20	50	65	GK512R-1.1/4FE-30S-A-N	GK 2347/00
38	S	30	250 bar	G 1 1/2	M52 x 2	124	78	97	59	22	55	75	GK512R-1.1/2FE-38S-A-N	GK 2348/00

Alternative sizes, materials and seals are available on request.

Dimensions are subject to a tolerance of ± 0.5 mm.

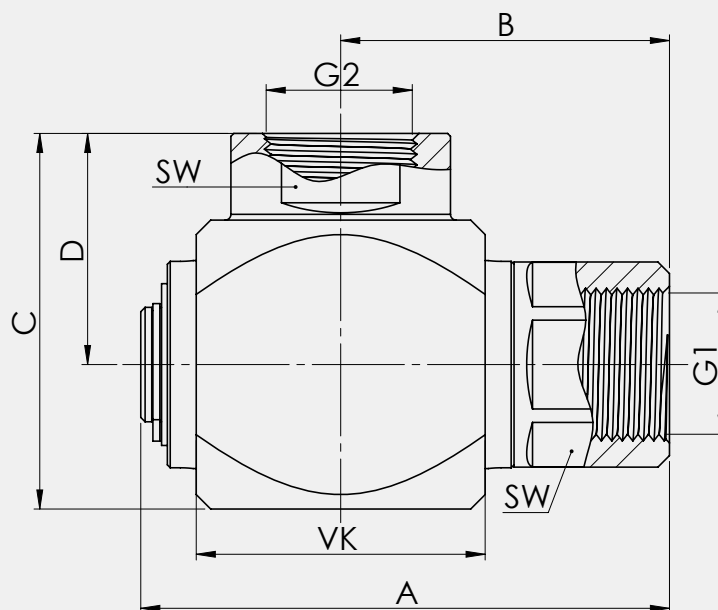
All information is provided without guarantee; we reserve the right to make technical changes.

GK 519R

Angle swivel joint

Connection 1: female BSP thread

Connection 2: female BSP thread

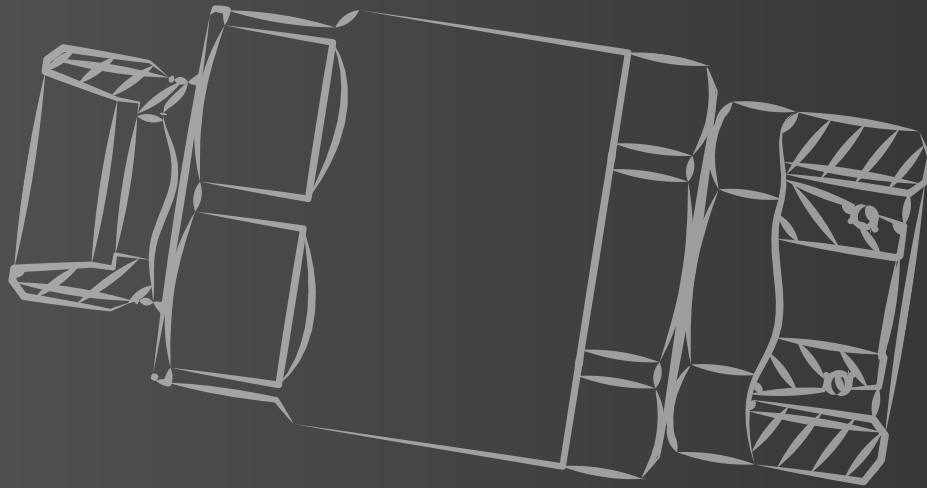


DN	Operating pressure	G1	G2	A	B	C	D	SW	VK	Description	Item No.
11	400 bar	G 1/4	G 1/4	70	43	53	33	24	40	GK519R-IG1/4-IG1/4-A-N	GK 2142/10
11	400 bar	G 3/8	G 3/8	70	43	53	33	24	40	GK519R-IG3/8-IG3/8-A-N	GK 2147/10
11	400 bar	G 1/2	G 1/2	70	43	53	33	27	40	GK519R-IG1/2-IG1/2-A-N	GK 2152/10
16	400 bar	G 5/8	G 5/8	91,5	57	65	40	32	50	GK519R-IG5/8-IG5/8-A-N	GK 2157/10
16	400 bar	G 3/4	G 3/4	91,5	57	65	40	32	50	GK519R-IG3/4-IG3/4-A-N	GK 2162/10
22,5	400 bar	G 1	G 1	116	68	86	51	41	70	GK519R-IG1-IG1-A-N	GK 2167/10
32	350 bar	G 1 1/4	G 1 1/4	132	78	100	60	55	80	GK519R-IG1.1/4-IG1.1/4-A-N	GK 2172/10
32	350 bar	G 1 1/2	G 1 1/2	132	78	100	60	55	80	GK519R-IG1.1/2-IG1.1/2-A-N	GK 2177/10
32	350 bar	G 2	G 2	137	83	107	67	70	80	GK519R-IG2-IG2-A-N	GK 2182/10

Alternative sizes, materials and seals are available on request.

Dimensions are subject to a tolerance of ± 0.5 mm.

All information is provided without guarantee; we reserve the right to make technical changes.



Air swivel fittings

| 6

Air swivel fittings are specially designed for compressed air systems and ensure a secure, leak-proof yet rotatable connection in pneumatic applications.

They prevent tension in the hoses, improve the mobility of the connected components and reduce the risk of material fatigue.

Technical data

Connection 1: 24° tube connection with external thread

Connection 2: 24° tube connection with female thread

Material: Free-cutting steel

Coating: Zinc-nickel

Seal: EPDM

Bearing: Thrust bearing

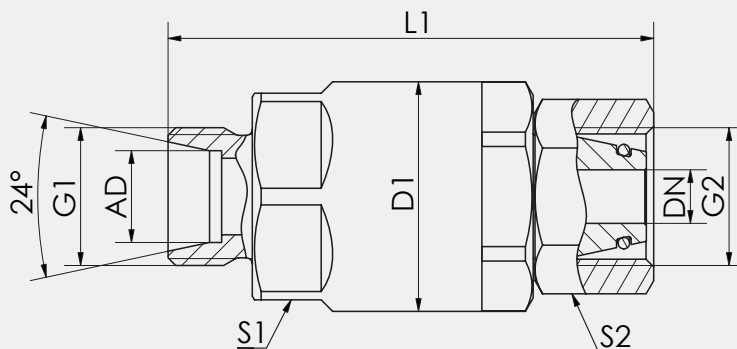
Medium: Air

GK 702

Air swivel fitting

Connection 1: 24° tube connection
with texternal thread

Connection 2: 24° tube connection
with female thread



Tube OD	Series	DN	Operating pressure	G1	G2	L1	D1	S1	S2	Description	Item No.
10	L	5	12 bar	M16 x 1,5	M16 x 1,5	65	24	22	19	GK702-10L-IG10L-A-E1	GK 7302/00
12	L	7	12 bar	M18 x 1,5	M18 x 1,5	64	30	27	22	GK702-12L-IG12L-A-E1	GK 7303/00
18	L	13,5	12 bar	M26 x 1,5	M26 x 1,5	79	38	36	32	GK702-18L-IG18L-A-E1	GK 7305/00

Alternative sizes, materials and seals are available on request.

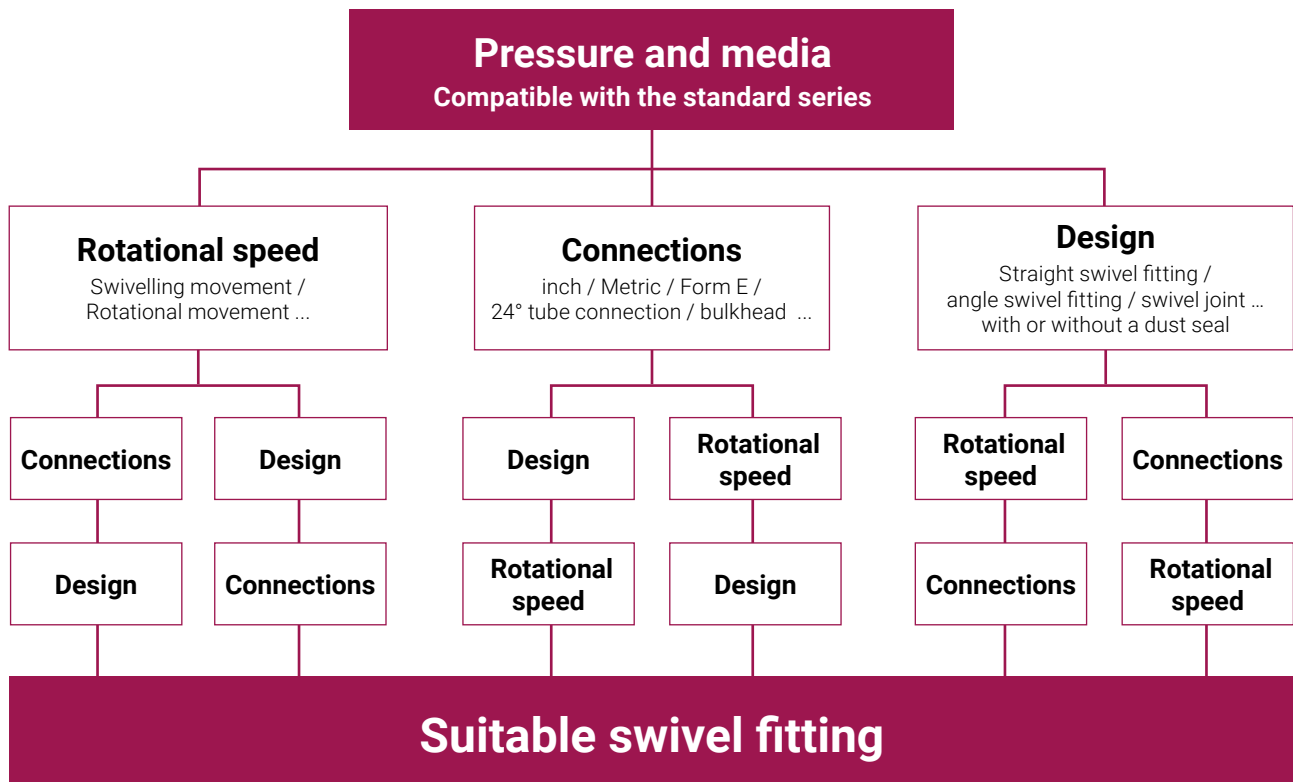
Dimensions are subject to a tolerance of ± 0.5 mm.

All information is provided without guarantee; we reserve the right to make technical changes.

Selecting the appropriate fittings

The selection of a swivel fitting is based on the following parameters: pressure range, the media to be used, rotational speed, connection type and the design/configuration.

The order of the last three criteria is arbitrary. Once all the requirements are known, the appropriate swivel fitting can be clearly identified.



Can't find the right fitting?

Our team is on hand to provide you with expert advice and technical know-how.

Please get in touch with us or send us your completed project questionnaire along with your enquiry.

How to contact us:

Phone +49 4261 18901-40

Mail info-gkm@khk-group.de

Together, we'll find the right solution!



Project questionnaire

for swivel fittings and angle joints

	Original equipment manufacturer	Dealer	Date
Company			
Contact person			
Street			
postcode, town		Country	
Phone		Fax	
Email		Mobile	
Project name/ Project number			

Technical specifications: Application

Application/ Use case			
	Straight swivel fittings	Angle swivel joint	Photographs of the installation area
Nominal diameter		Connections	
Media		Purity	
Please enclose a data sheet for the media!			
Operating pressure		Pressure peaks	
Temperature range			
Flow rate		constant	irregular swivelling
Rotational speed		constant rotational motion in one direction	movements

Quantities required

Enquiry quantity	Prototype quantity	Production quantity
	one-off requirement	recurring requirement
Comments		

Our hydraulics connect and move



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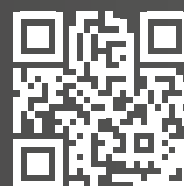


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