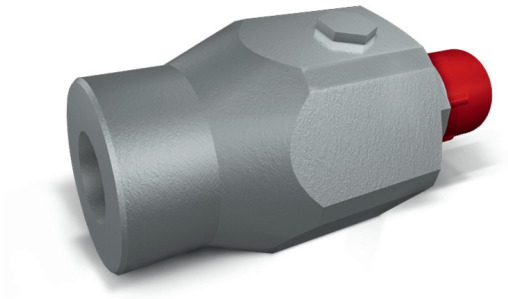
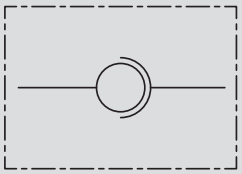
Drehkupplungen

ROTATING COUPLINGS

TYPE
GGL



HYDRAULIC DIAGRAM



IN LINE ROTATING COUPLING

USE AND OPERATION:
These valves are mounted between the end of a flexible hose and a fixed component to compensate hose's rotations and torsions and to prevent its damaging. They are not suitable for fast and continuous rotations. They are used in every production field where systems have flexible moving hose. In line mounting.

MATERIALS AND FEATURES:
Body: zinc-plated steel
Tightness: low friction seals

APPLICATIONS:
Connect ports P to the uses.

A RICHIESTA:
• NPT thread (code GN... instead of G...
example: GGL 1/4" NPT code = GN1050)
• GX Inox (code GX... instead of G...
example: GGL 1/4"INOX code = GX1050)

ABITEK
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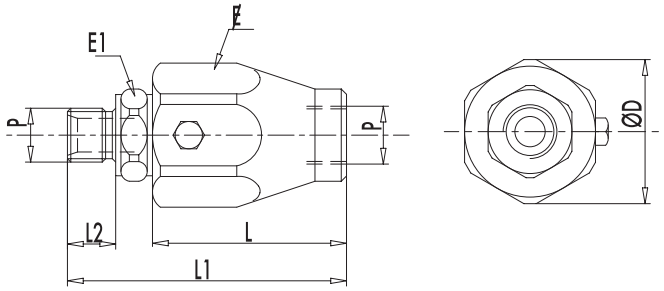
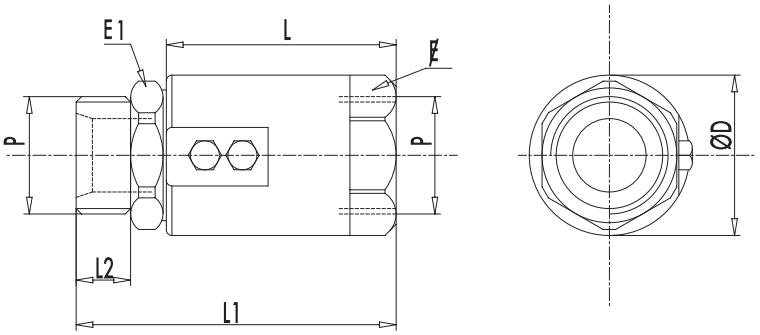
CODE	TYPE	MAX FLOW Lt. / min	MAX ROTATION PRESSURE Bar	MAX PRESSURE Bar
G1050	GGL 1/4"	25	200	400
G1060	GGL 3/8"	35	200	400
G1070	GGL 1/2"	60	150	300
G1080	GGL 3/4"	100	150	300
G1090	GGL 1"	180	100	300
G1091	GGL 1" 1/4	270	100	300
G1092	GGL 1" 1/2	350	80	300
G1093	GGL 2"	700	50	250

GGL

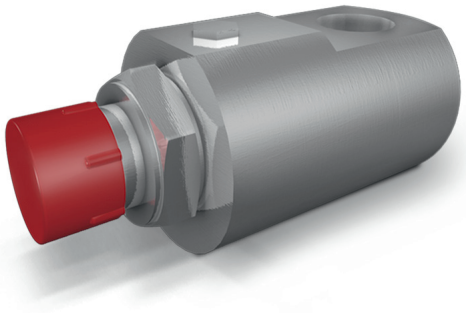


GGL 1" - 1"1/4 - 1"1/2

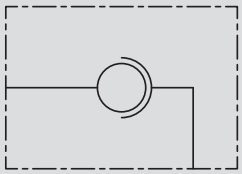


CODE	TYPE	P GAS	L mm	L1 mm	L2 mm	E1 mm	ØE mm	ØD mm	WEIGHT Kg.
G1050	GGL 1/4"	1/4"	42	61	11	19	30	33	0,206
G1060	GGL 3/8"	3/8"	44	66	14	24	34	37	0,264
G1070	GGL 1/2"	1/2"	47	71	15	27	36	40	0,338
G1080	GGL 3/4"	3/4"	60	89	19	34	45	49,5	0,546
G1090	GGL 1"	1"	65	98	21	41	50	54,5	0,910
G1091	GGL 1" 1/4	1" 1/4	63	101	24	50	55	59,5	1,100
G1092	GGL 1" 1/2	1" 1/2	70	110	25	55	65	69,5	1,610
G1093	GGL 2"	2"	75	119	28	65	75	84,5	3,300

TYPE
GG 90°



HYDRAULIC DIAGRAM



90 DEGREE ROTATING COUPLING

USE AND OPERATION:
These valves are mounted between the end of a flexible hose and a fixed component to compensate hose's rotations and torsions and to prevent its damaging. They are not suitable for fast and continuous rotations. They are used in every production field where systems have flexible moving hose. 90° mounting.

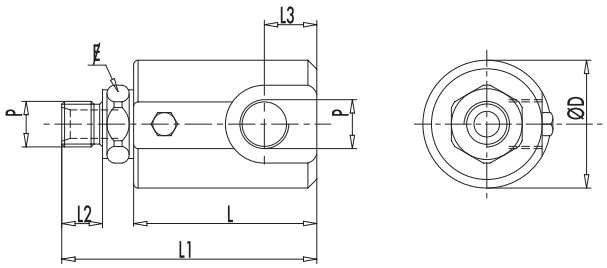
MATERIALS AND FEATURES:
Body: zinc-plated steel
Tightness: low friction seals

APPLICATIONS:
Connect ports P to the uses.

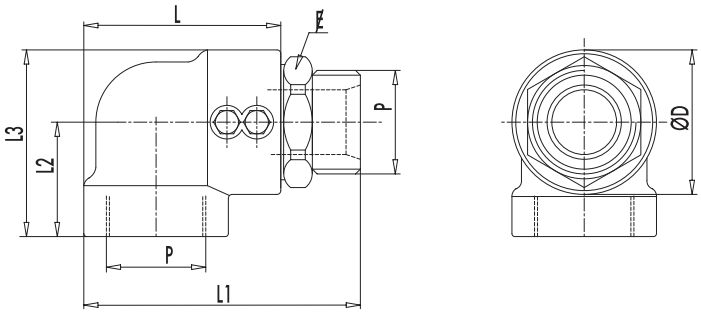
A RICHIESTA:
• NPT thread (code GN... instead of G...
example: GG 90° 1/4" NPT code = GN0990)
• GX Inox (code GX... instead of G...
example: GGL 1/4"INOX code = GX1050)

CODE	TYPE	MAX FLOW Lt. / min	MAX ROTATION PRESSURE Bar	MAX PRESSURE Bar
G0990	GG 90° 1/4"	25	200	400
G1010	GG 90° 3/8	35	200	400
G1020	GG 90° 1/2"	60	150	300
G1030	GG 90° 3/4"	100	150	300
G1040	GG 90° 1"	180	100	300
G1042	GG 90° 1" 1/4	270	100	300
G1043	GG 90° 1" 1/2	350	80	300
G1044	GG 90° 2"	700	50	250

GG 90°



GG 90° 1" - 1"1/4 - 1"1/2



CODE	TYPE	P GAS	L mm	L1 mm	L2 mm	L3 mm	E mm	ØD mm	WEIGHT Kg.
G0990	GG 90° 1/4"	1/4"	50	69	11	11	19	34	0,312
G1010	GG 90° 3/8"	3/8"	54	76	14	13	24	38	0,418
G1020	GG 90° 1/2"	1/2"	63	87	15	14	27	40	0,522
G1030	GG 90° 3/4"	3/4"	74	104	19	19,5	34	54,5	0,898
G1040	GG 90° 1"	1"	87	119	21	24	41	60	1,122
G1042	GG 90° 1" 1/4	1" 1/4	84	119,5	52	82	50	63	1,746
G1043	GG 90° 1" 1/2	1" 1/2	102	140	62	101	55	77	3,070
G1044	GG 90° 2"	2"	107	151	64	107	65	84	3,300