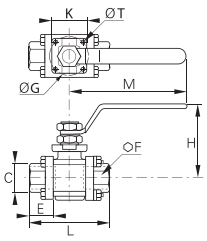
Stainless Steel Series

4832 2/2 In-Line 3-Piece Ball Valve with Fixing Plate, Female BSPP Thread



Stainless steel 316L, PTFE



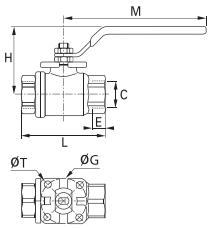
C	DN		E	F	G	H	K	L	M	ØT	kg
G1/4	10	4832 10 13	18	22	36	50	36	57	110.5	5.5	0.272
G3/8	10	4832 10 17	18	22	36	50	36	57	110.5	5.5	0.400
G1/2	15	4832 15 21	20.5	27	36	64	36	65	131.5	6	0.442
G3/4	20	4832 20 27	22.5	32	42	68	42	76	131.5	5.5	0.568
G1	25	4832 25 34	27	41	42	78.5	42	92	174.5	6	1.035
G1¼	32	4832 32 42*	30	50	42	83.5	42	106.5	174.5	5.5	1.530
G1½	40	4832 40 49*	31	55	50	100	50	116	250.5	6.5	2.146
G2	50	4832 50 48*	36	70	50	107	50	136	250.5	6.5	3.140

*Models with CE marking

4812 2/2 In-Line Ball Valve with Fixing Plate, Female BSPP Thread



Stainless steel 316L, PTFE



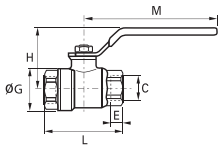
C	DN		E	G	H	L	M	ØT	kg
G1/4	10	4812 10 13	10	36	50	55	110	5.5	0.263
G3/8	10	4812 10 17	11	36	50	55	110	5.5	0.254
G1/2	15	4812 15 21	15	36	53	66	110	5.5	0.336
G3/4	20	4812 20 27	16	42	67	79	130	5.5	0.574
G1	25	4812 25 34	19	42	79	93	175	5.5	1.000
G1¼	32	4812 32 42*	21	42	83	100	175	5.5	1.337
G1½	40	4812 40 49*	21	50	100	110	250	5.5	2.214
G2	50	4812 50 48*	26	70	107	131	250	8.5	3.262

*Models with CE marking

4810 2/2 In-Line Ball Valve, Female BSPP Thread



Stainless steel 316L, PTFE



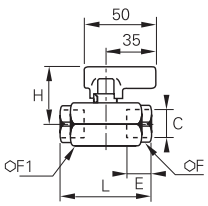
C	DN		E	G	H	L	M	kg
G1/4	8	4810 08 13	10	30	44.5	53.5	110.5	0.205
G3/8	10	4810 10 17	10	30	44.5	53.5	110.5	0.194
G1/2	15	4810 15 21	13	32.5	47	60	110.5	0.245
G3/4	20	4810 20 27	14	40	54.5	70	131.5	0.420
G1	25	4810 25 34	17	49	58.5	79	131.5	0.648

Threads conform to ISO 228-1

0465 2/2 In-Line Light Series Ball Valve, Female BSPP Thread



Stainless steel 303, PTFE



C	DN		E	F	F1	H	L	kg
G1/4	4	0465 04 13	13	19	24	36	50	0.226
G3/8	7	0465 07 17	13	24	27	39	55	0.278
G1/2	10	0465 10 21	16	27	30	40	62	0.322

Silicone-free

Tel: +45 63 12 83 00 | Email: ps@hymatik.com | www.hymatik.com | Hvidkaervej 27a, DK-5250 Odense SV, Denmark

Ball Valves, Stainless Steel Series

Stainless steel series ball valves can withstand **corrosive fluids** and **environments**. With full flow, high pressure and temperature capabilities, these valves are suitable for many applications.

Product Advantages

Reliability

- Full flow
- Excellent chemical compatibility
- High resistance to pressure/temperature
- Light series version: 100% leak-tested in production, date coding to guarantee quality and traceability

Versatility

Three in-line versions:
- One-piece: cannot be disassembled
- 3-piece: easily disassembled for maintenance and cleaning
- Light Series: for maximum compactness

Fixing plate: 4812 and 4832
- Through-bulkhead fitting
- Pneumatic or electronic actuation (ISO 5211 standard)



Applications

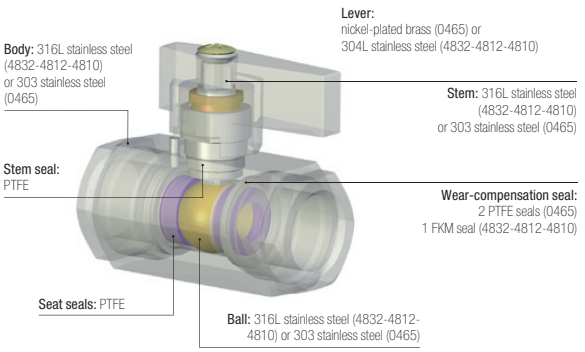
Food Process
Aviation
Chemical
Semi-Conductors
Medical
Petrochemical
Laboratories
Pharmaceutical

Technical Characteristics

Compatible Fluids	Type 4810, 4812 and 4832	Type 0465
	All fluids	All fluids
Working Pressure	0 to 65 bar	Vacuum to 20 bar
Working Temperature	-20°C to +150°C	-20°C to +120°C

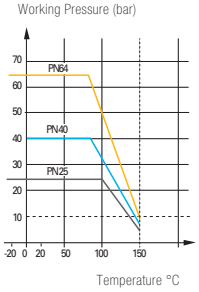
Reliable performance is dependent upon the type of fluid conveyed, component materials and tubing being used.
Guaranteed for use with a vacuum of 755 mm Hg (99% vacuum).

Component Materials



Pressure and Temperature Resistance

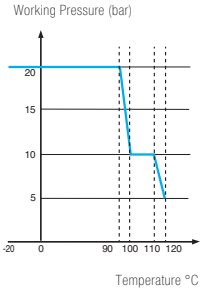
Version 4810, 4812 and 4832



Examples at +100°C:
PN 64: 48 bar
PN 40: 30 bar
PN 42: 17 bar

For temperatures between +150°C and +200°C, please contact us.

Version 0465



Regulations

Industrial
DI: 97/23/EC (module PED A - EC diameters greater than 25 mm)
DI: Machinery Directive 2006/42/EC
DI: 2002/95/EC (RoHS)
RG: 1907/2006 (REACH)
DI: 89/392/EC