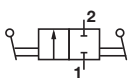
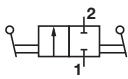
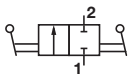
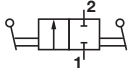
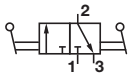
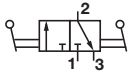
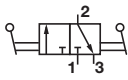
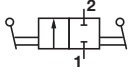


Technical data

Symbol	Port size	Series #	Type	Material Body/Body finish	Seats/seals	Operating pressure (bar)	Temperature (°C)	Thread standard	Drawing No.	Model
	G1/8	6011	Mini	Brass/Nickel plated	PTFE (virgin)/NBR	-0,4 ... 10	-10 ... +90	ISO 228/1	1	601112118
	G1/4	6011	Mini	Brass/Nickel plated	PTFE (virgin)/NBR	-0,4 ... 10	-10 ... +90	ISO 228/1	1	601112128
	G3/8	6011	Mini	Brass/Nickel plated	PTFE (virgin)/NBR	-0,4 ... 10	-10 ... +90	ISO 228/1	1	601112138
	G1/2	6011	Mini	Brass/Nickel plated	PTFE (virgin)/NBR	-0,4 ... 10	-10 ... +90	ISO 228/1	1	601112148
	G1/8	6011	Mini *1)	Brass/Nickel plated	PTFE (virgin)/NBR	-0,4 ... 10	-10 ... +90	ISO 228/1	2	601112218
	G1/4	6011	Mini *1)	Brass/Nickel plated	PTFE (virgin)/NBR	-0,4 ... 10	-10 ... +90	ISO 228/1	2	601112228
	G3/8	6011	Mini *1)	Brass/Nickel plated	PTFE (virgin)/NBR	-0,4 ... 10	-10 ... +90	ISO 228/1	2	601112238
	G1/2	6011	Mini *1)	Brass/Nickel plated	PTFE (virgin)/NBR	-0,4 ... 10	-10 ... +90	ISO 228/1	2	601112248
	Rp1/4	6021	Standard	Brass/Nickel plated	PTFE (virgin)/ EPDM + HNBR	-0,4 ... 40	-15 ... +90	ISO 7/1	3	602112128
	Rp3/8	6021	Standard	Brass/Nickel plated	PTFE (virgin)/NBR	-0,4 ... 40	-20 ... +60	ISO 7/1	3	602112138
	Rp1/2	6021	Standard	Brass/Nickel plated	PTFE (virgin)/ EPDM + HNBR	-0,4 ... 40	-15 ... +90	ISO 7/1	3	602112148
	Rp3/4	6021	Standard	Brass/Nickel plated	PTFE (virgin)/ EPDM + HNBR	-0,4 ... 40	-15 ... +90	ISO 7/1	3	602112168
	Rp1	6021	Standard	Brass/Nickel plated	PTFE (virgin)/ EPDM + HNBR	-0,4 ... 40	-15 ... +90	ISO 7/1	3	602112188
	Rp1 1/4	6021	Standard	Brass/Nickel plated	PTFE (virgin)/ EPDM + HNBR	-0,4 ... 40	-15 ... +90	ISO 7/1	3	6021121A8
	Rp1 1/2	6021	Standard	Brass/Nickel plated	PTFE (virgin)/ EPDM + HNBR	-0,4 ... 40	-15 ... +90	ISO 7/1	3	6021121B8
	Rp2	6021	Standard	Brass/Nickel plated	PTFE (virgin)/ EPDM + HNBR	-0,4 ... 40	-15 ... +90	ISO 7/1	3	6021121C8
	Rp2 1/2	6021	Standard	Brass/Nickel plated	PTFE (virgin)/ EPDM + HNBR	-0,4 ... 40	-15 ... +90	ISO 7/1	3	6021121D8
	Rp1/4 (R)	6021	Standard *1)	Brass/Nickel plated	PTFE (virgin)/ EPDM + HNBR	-0,4 ... 40	-15 ... +90	ISO 7/1	4	602112228
	Rp3/8 (R)	6021	Standard *1)	Brass/Nickel plated	PTFE (virgin)/NBR	-0,4 ... 40	-20 ... +60	ISO 7/1	4	602112238
	Rp1/2 (R)	6021	Standard *1)	Brass/Nickel plated	PTFE (virgin)/ EPDM + HNBR	-0,4 ... 40	-15 ... +90	ISO 7/1	4	602112248
	Rp3/4 (R)	6021	Standard *1)	Brass/Nickel plated	PTFE (virgin)/ EPDM + HNBR	-0,4 ... 40	-15 ... +90	ISO 7/1	4	602112268
	Rp1 (R)	6021	Standard *1)	Brass/Nickel plated	PTFE (virgin)/ EPDM + HNBR	-0,4 ... 40	-15 ... +90	ISO 7/1	4	602112288
	Rp1 1/4 (R)	6021	Standard *1)	Brass/Nickel plated	PTFE (virgin)/ EPDM + HNBR	-0,4 ... 40	-15 ... +90	ISO 7/1	4	6021122A8
	Rp1/4	6021	Three way	Brass/Nickel plated	PTFE/PTFE FKM	0 ... 25	-15 ... +120	ISO 7/1	5	602114428
	Rp3/8	6021	Three way	Brass/Nickel plated	PTFE/PTFE FKM	0 ... 25	-15 ... +120	ISO 7/1	5	602114438
	Rp1/2	6021	Three way	Brass/Nickel plated	PTFE/PTFE FKM	0 ... 25	-15 ... +120	ISO 7/1	5	602114448
	Rp3/4	6021	Three way	Brass/Nickel plated	PTFE/PTFE FKM	0 ... 16	-15 ... +120	ISO 7/1	5	602114468
	Rp1/4	6021	Exhausting	Brass/Nickel plated	PTFE (virgin)/PTFE	0,5 ... 12	0 ... +60	ISO 7/1	6	602113128EX
	Rp3/8	6021	Exhausting	Brass/Nickel plated	PTFE (virgin)/PTFE	0,5 ... 12	0 ... +60	ISO 7/1	6	602113138EX
	Rp1/2	6021	Exhausting	Brass/Nickel plated	PTFE (virgin)/PTFE	0,5 ... 12	0 ... +60	ISO 7/1	6	602113148EX
	Rp3/4	6021	Exhausting	Brass/Nickel plated	PTFE (virgin)/PTFE	0,5 ... 12	0 ... +60	ISO 7/1	6	602113168EX
	Rp1	6021	Exhausting	Brass/Nickel plated	PTFE (virgin)/PTFE	0,5 ... 12	0 ... +60	ISO 7/1	6	602113188EX
	Rp1 1/4	6021	Exhausting	Brass/Nickel plated	PTFE (virgin)/PTFE	0,5 ... 12	0 ... +60	ISO 7/1	6	6021131A8EX
	Rp1 1/2	6021	Exhausting	Brass/Nickel plated	PTFE (virgin)/PTFE	0,5 ... 12	0 ... +60	ISO 7/1	6	6021131B8EX
	G1/4	6018	Lockable exhausting	Brass/Nickel plated	PTFE glass filled/PTFE carbon filled	0 ... 14	-10 ... +100	ISO 228/1	7	601812128
	G3/8	6018	Lockable exhausting	Brass/Nickel plated	PTFE glass filled/PTFE carbon filled	0 ... 14	-10 ... +100	ISO 228/1	7	601812138
	G1/2	6018	Lockable exhausting	Brass/Nickel plated	PTFE glass filled/PTFE carbon filled	0 ... 14	-10 ... +100	ISO 228/1	7	601812148
	G3/4	6018	Lockable exhausting	Brass/Nickel plated	PTFE glass filled/PTFE carbon filled	0 ... 14	-10 ... +100	ISO 228/1	7	601812168
	G1	6018	Lockable exhausting	Brass/Nickel plated	PTFE glass filled/PTFE carbon filled	0 ... 14	-10 ... +100	ISO 228/1	7	601812188
	Rp1/4	6051	Heavy Duty	Carbon steel/Zinc plated	PTFE + Carbographe	0 ... 160	-20 ... +200	ISO 7/1	8	605112128
	Rp3/8	6051	Heavy Duty	Carbon steel/Zinc plated	PTFE + Carbographe	0 ... 160	-20 ... +200	ISO 7/1	8	605112138
	Rp1/2	6051	Heavy Duty	Carbon steel/Zinc plated	PTFE + Carbographe	0 ... 160	-20 ... +200	ISO 7/1	8	605112148
	Rp3/4	6051	Heavy Duty	Carbon steel/Zinc plated	PTFE + Carbographe	0 ... 160	-20 ... +200	ISO 7/1	8	605112168
	Rp1	6051	Heavy Duty	Carbon steel/Zinc plated	PTFE + Carbographe	0 ... 160	-20 ... +200	ISO 7/1	8	605112188

Typical applications

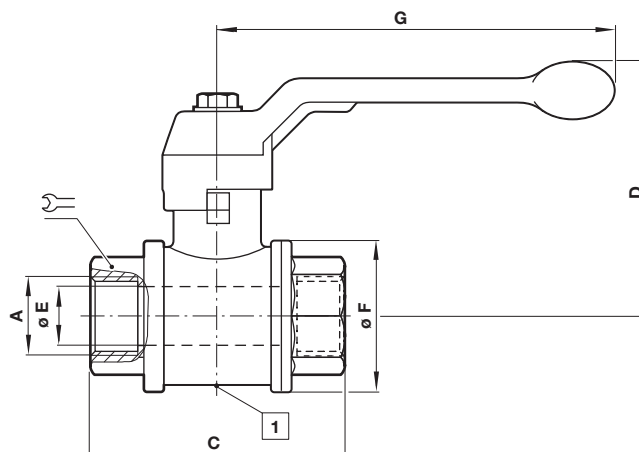
6011: Light duty in-line brass ball valves suitable for a wide variety of low pressure industrial uses.

6018: Medium duty in-line brass exhausting ball valves. Venting action & lockout design adds safety feature to valve.

6021: Medium duty in-line brass ball valves for most applications. Available as a standard valve, a three way diverting valve or with a downstream exhaust option.

6051: Heavy duty ball valve, two piece construction

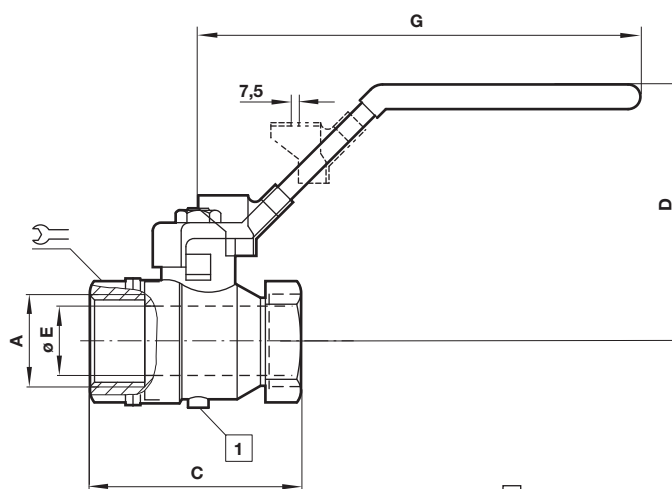
*1) Male/female thread

6021 series, Exhausting ball valve
6

 Dimensions in mm
Projection/First angle

Full bore, female/female

1 Ø 2,5 mm exhaust port

A	C	D	ø E	ø F	Rp		Weight (kg)	Model
Rp1/4	52	61	8	29	100	22	0,26	602113128EX
Rp3/8	54	61	10	29	100	22	0,23	602113138EX
Rp1/2	69	64	15	36	100	27	0,37	602113148EX
Rp3/4	77	76	20	45	120	33	0,63	602113168EX
Rp1	89	80	25	54	120	40	0,91	602113188EX
Rp1 1/4	103	98	32	65	150	50	1,55	6021131A8EX
Rp1 1/2	114	104	40	79	150	-	2,30	6021131A8EX

6018 series, Lockable exhausting ball valve
7


1 M5

Full bore, female/female

A	C	D	ø E	G		Weight (kg)	Model
G1/4	44	45	8	93	20	0,17	601812128
G3/8	44	45	9	93	20	0,16	601812138
G1/2	58	50	14	93	24	0,24	601812148
G3/4	64	57	19	114	30	0,37	601812168
G1	81	61	24	114	40	0,62	601812188

Lever lockable only in closed position. Standard handle accepts Ø 7 mm shackle.
Test specification differs from standard. Please consult our Technical Service for further details.