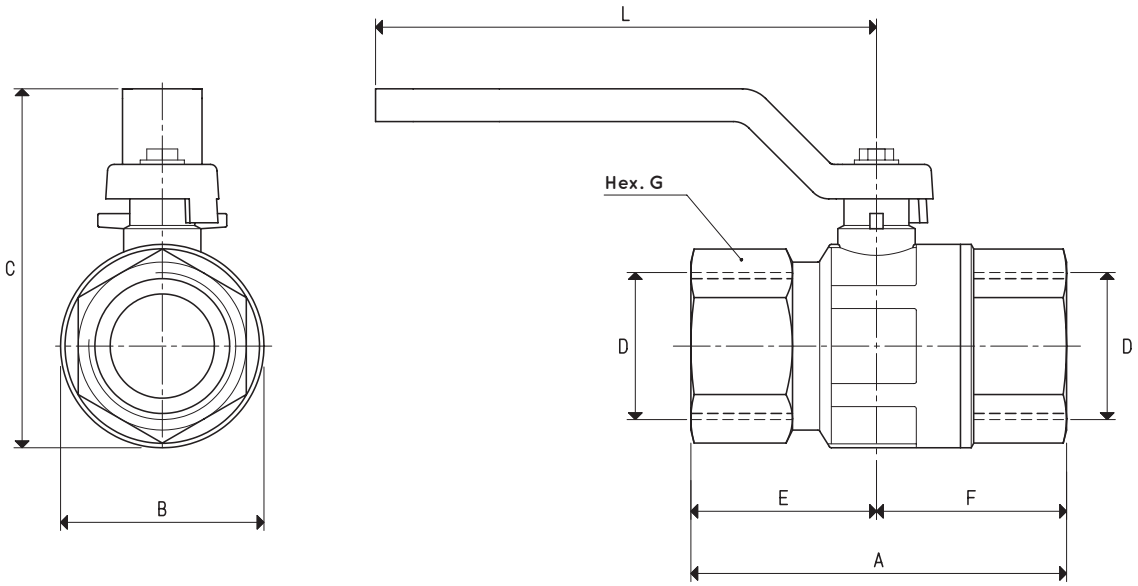
These manual valves are used for intercepting vacuum in all those plants where solenoid valves cannot be installed.
They feature a die-cast nickel-plated brass body, a chromed brass ball shutter and Teflon® seals to guarantee perfect seal even at high temperatures.
A lever on the ball shutter, manually rotated 90°, allows opening or closing the valve precisely and with no effort.



2-WAY MANUAL VALVES

Item	A	B	C	D Ø	Mouth Ø	E	F	G	L	Weight Kg
13 01 10	49	23	48	G1/4"	10	24	25	18	80	0.13
13 02 10	52	23	56	G3/8"	10	23	29	20	80	0.13
13 03 10	61	30	63	G1/2"	15	30	31	25	88	0.21
13 04 10	68	36	72	G3/4"	20	33	35	31	114	0.32
13 05 10	85	44	80	G1"	25	42	43	38	113	0.47
13 06 10	99	57	105	G1" 1/4	32	50	49	47	137	0.74
13 07 10	109	70	126	G1" 1/2	40	55	54	54	156	1.26
13 08 10	130	83	135	G2"	50	62	68	66	156	1.77
13 09 10	168	140	210	G3"	75	84	84	99	246	7.09

Transformation ratio: N (newton) = Kg x 9.81 (force of gravity) inch = $\frac{mm}{25.4}$; pounds = $\frac{g}{453.6} = \frac{Kg}{0.4536}$

Adapters for GAS - NPT threading available on page 1.130