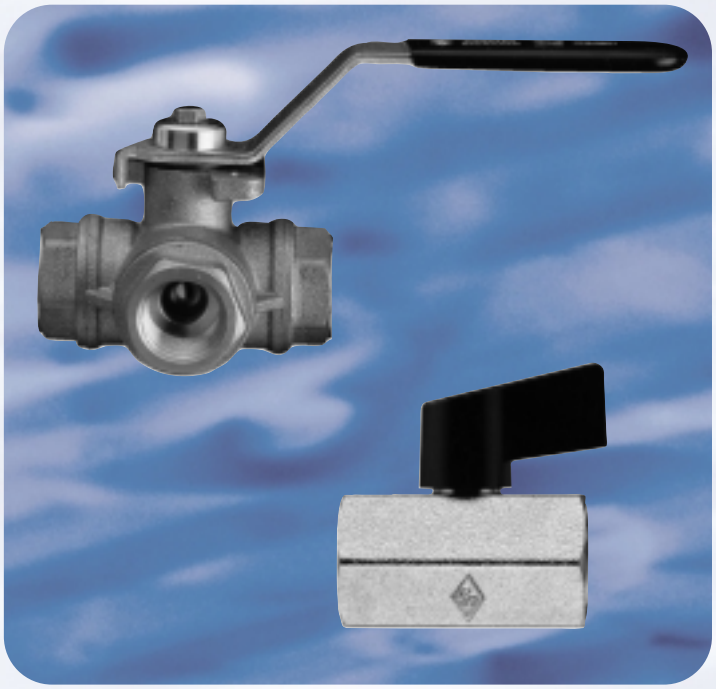
Ball Valves - Full Flow Design
Series 2960, 2930-N

Ports 1/4", 3/8", 1/2", 3/4", 1", 1 1/4", 1 1/2", 2", NPTF

Mod. 2960 Plain Brass, L-Passage,
3 way – 2 position, Lockable

Mod. 2930-N Chrome-Plated,
2 way – 2 position



GENERAL DATA

Valve group	3/2, 2/2, [way/positions]
Construction	Ball valve
Mounting	In-line
Materials	Brass body [2960], chrome-plated steel body [2930-N], steel handles (2960)
	Plastic handles [2930-N], Hardened chrome-plated brass ball, Teflon seat
Threaded port sizes	1/4", 3/8", 1/2" NPTF [2930-N]
	1/4", 3/8", 1/2", 3/4", 1", 1-1/4", 1-1/2", 2" NPTF [2960]
Installation	In-line
Operating temperature	Series 2960 5° - 300°F
	Series 2930-N 14° - 300°F
Fluid	Filtered air

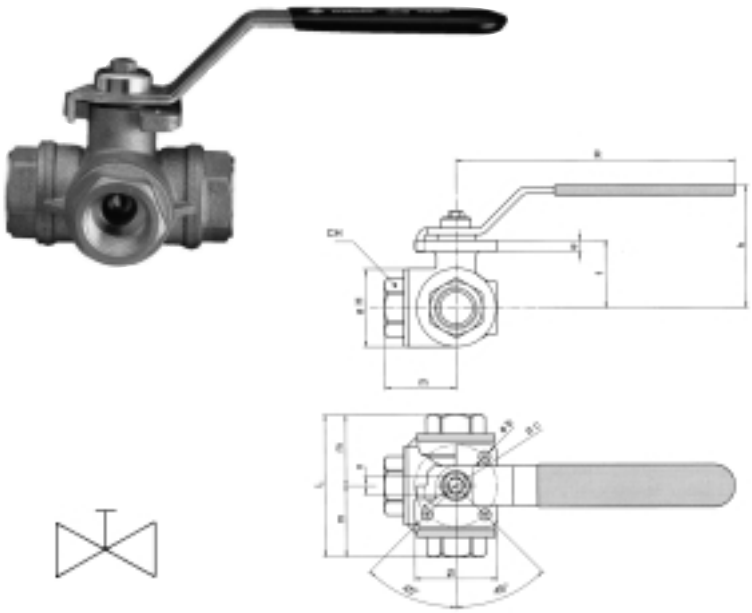
PNEUMATIC DATA

Working pressure	Series 2960:	1/4", 3/8", 1/2", 3/4"	- 430 PSI
		1"	- 230 PSI
		1-1/4", 1-1/2", 2"	- 150 PSI
	Series 2930-N:	1/4", 3/8", 1/2"	- 220 PSI
Nominal flow	Full flow design		

**Dimensions are in inches

Ball Valve, Series 2960 L-Passage, 3 way – 2 position, Lockable

These valves are constructed of a brass body, a steel handle, a hardened chrome-plated brass ball, and a teflon seat. These valves are suitable for industrial, pneumatic, hydraulic, and various domestic installations. Among the various types of compounds which can be transported through these valves are steam, gasoline, fuel, oils, kerosene, acids, and compressed air.

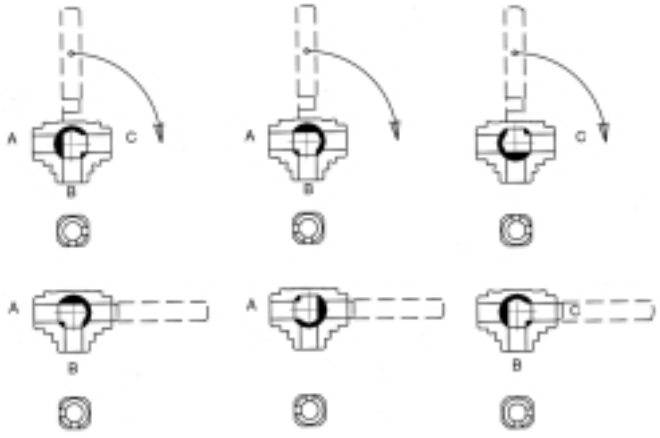


DIMENSIONS

Mod.	DN(NPTF)	H	L	m	CH	R	h	øB	e	f	g	q	n	Kv	Kg
2960-1/4PT	1/4"	1.339	2.638	1.319	.866	4.724	2.461	.236	.197	1.200	.276	1.469	.354	2.8	.55
2960-3/8PT	3/8"	1.339	2.638	1.319	.866	4.724	2.461	.236	.197	1.200	.276	1.469	.354	3.0	.58
2960-1/2PT	1/2"	1.535	3.032	1.516	1.063	4.724	2.5	.236	.197	1.287	.276	1.469	.354	3.9	.65
2960-3/4PT	3/4"	1.890	3.425	1.713	1.260	6.693	2.953	.276	.276	1.634	.437	1.968	.433	7.9	1.05
2960-1PT	1"	2.362	4.134	2.067	1.614	6.693	3.130	.276	.276	1.850	.437	1.968	.433	13.0	1.83
2960-1 1/4PT	1 1/4"	2.835	4.823	2.411	1.969	6.693	3.661	.276	.276	2.343	.437	1.968	.433	20.7	2.76
2960-1 1/2PT	1 1/2"	3.386	5.453	2.726	2.165	9.055	4.469	.354	.315	2.908	.591	2.756	.551	38.7	4.52
2960-2PT	2"	4.370	6.535	3.268	2.756	9.055	4.862	.354	.315	3.347	.591	2.756	.551	54.0	8.30

Resetting Lever

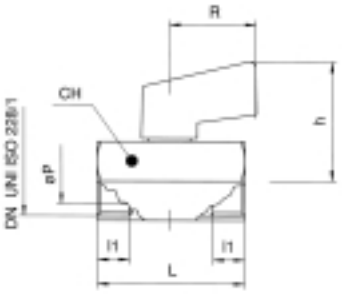
Ball bores position is by the stem's milling: A B C = outlets
90° lever rotations
To change outlets combination operation as follow:
Remove the lever; turn the stem into the desired starting position (position n°1); Reset the lever



Mini Ball Valve, Series 2930-N

These valves are constructed of all chrome-plated, brass body, hardened chrome-plated brass ball, teflon seat, and light weight plastic handle.

Kv = Flow coefficient in M^3/h @ 100kPa differential pressure (ΔP 14.5 psi)



DIMENSIONS

Economical Ball Valves (chrome-plated, brass body)

Mod.	DN(NPTF)	CH	l	h	L	R	Kv (M^3/h)	Kg	PSI
2930-N-1/4PT	1/4"	.857	.384	1.437	1.614	1.063	4.3	0.11	220
2930-N-3/8PT	3/8"	.857	.394	1.437	1.614	1.063	2.7	0.10	220
2930-N-1/2PT	1/2"	.984	.433	1.484	1.811	1.063	5.4	0.14	220