

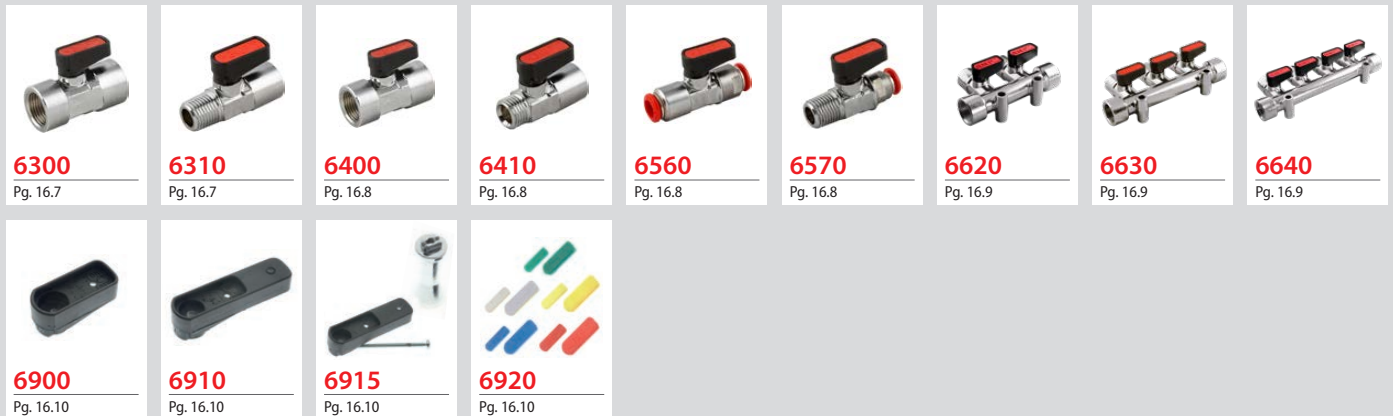
Ghilux Ball Valves Series

INCH - NPT



Ghilux Ball Valves Series

METRIC - BSPP



Ghinox Stainless Steel Ball Valves Series

INCH - NPT



Ghinox Stainless Steel Ball Valves Series

METRIC - BSPP



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CHROME PLATED BRASS & STAINLESS STEEL BALL VALVES



Ball Valves Series



TECHNICAL CHARACTERISTICS



Standard Reference

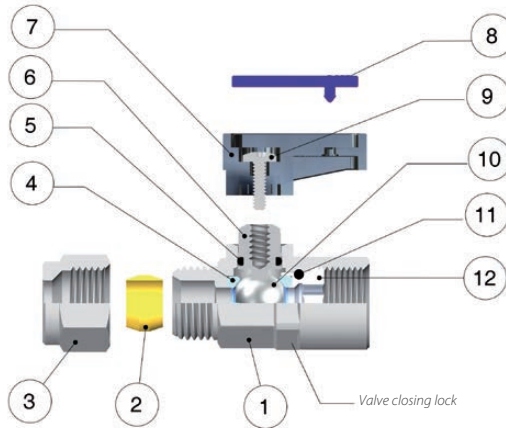
1907/2006
REACH✓

2011/65/CE
RoHS✓

PED
2014/68/UE

ISO
14743:2020

SILICON
FREE



Component Parts and Materials

- 1 Chrome Nickel-plated Brass Body
- 2 Brass Olive (if requested PTFE)
- 3 Chrome Nickel-plated Brass Nut
- 4 PTFE Seats
- 5 NBR Seal O-RING (FKM-EPDM-HNBR if required)
- 6 Chrome Nickel-plated Brass Spindle
- 7 PA66 Glass reinforced Handle
- 8 Acetalic resin Plate
- 9 Steel Screw
- 10 Chrome Nickel-plated Brass Ball
- 11 NBR Seal O-RING*
- 12 Brass Fitting



Pressure Rating

Vacuum ~ 250 PSI
-0.99 bar ~ 20 bar
-0.099 MPa ~ 2.0 MPa



Temperatures

NBR	EPDM <i>on request</i>	FKM <i>on request</i>
-4° F ~ 176° F	-40° F ~ 266° F	+ 5° F ~ 266° F
-20° C ~ 80° C	-40° C ~ 130° C	-15° C ~ 130° C



Media

- Compressed air
- Water
- Oils
- Rated for gases, consult factory for details



Threads

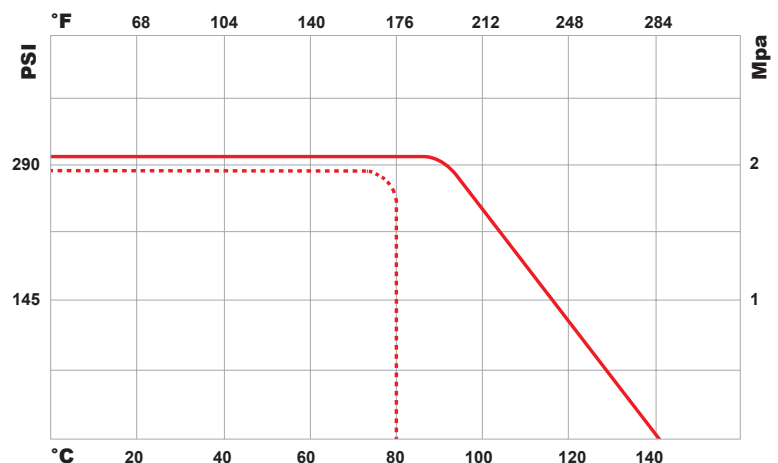
Gas in conformity with ISO7.1, BS 21, DIN 2999.
Parallel gas in conformity with ISO 228 Class A.



PRESSURE - TEMPERATURE RATINGS DIAGRAM

PTFE + FKM

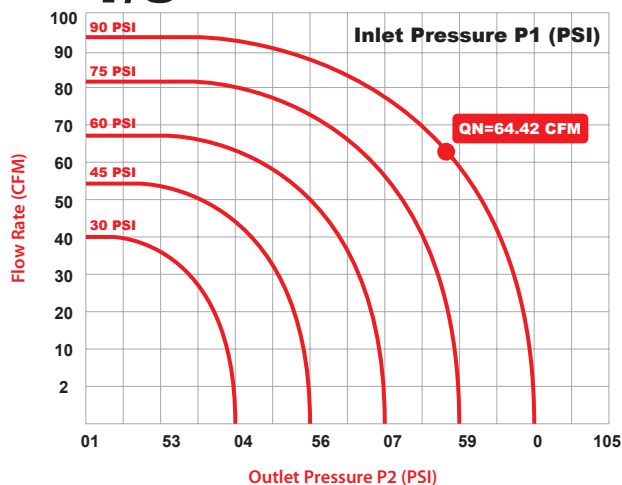
PTFE + NBR



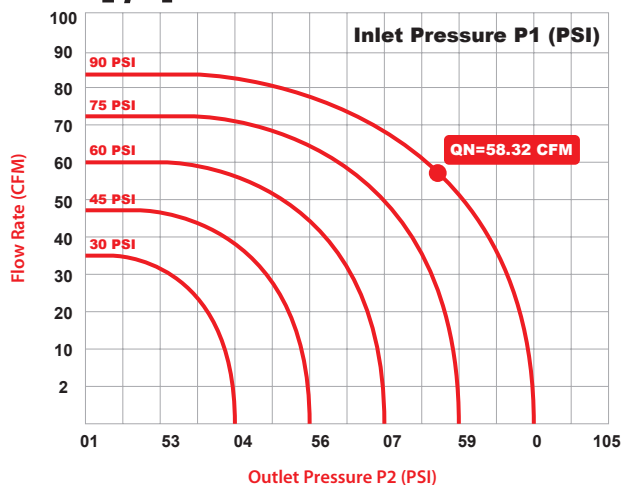


BALL VALVES SPECIFICATIONS

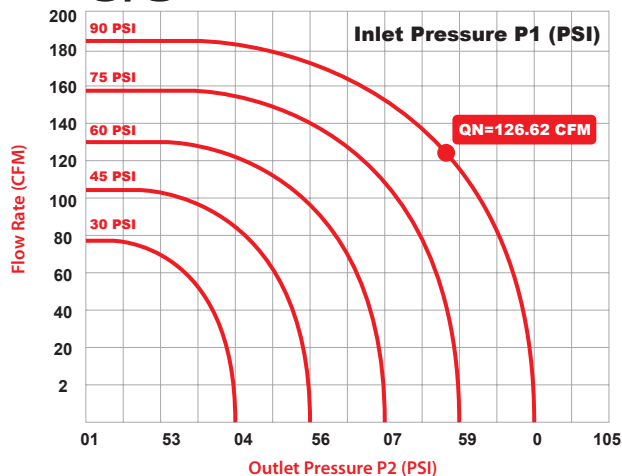
1/8"



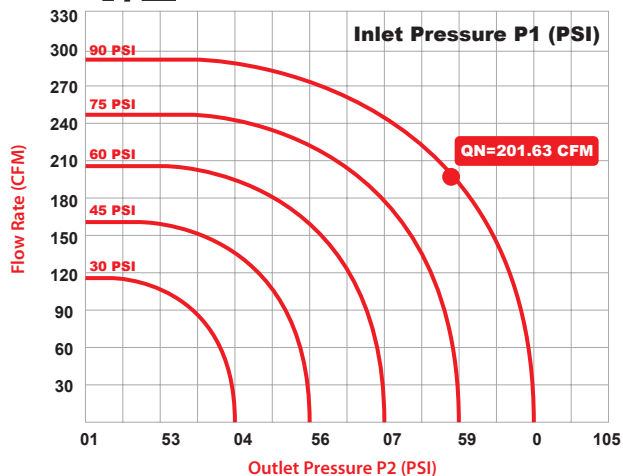
1/4"



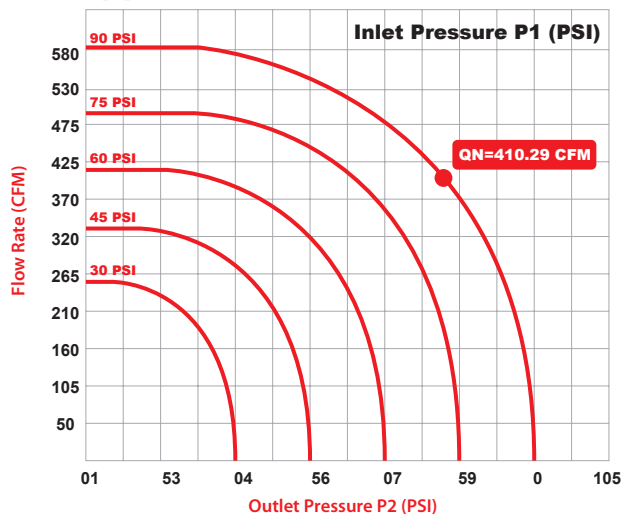
3/8"



1/2"



3/4"





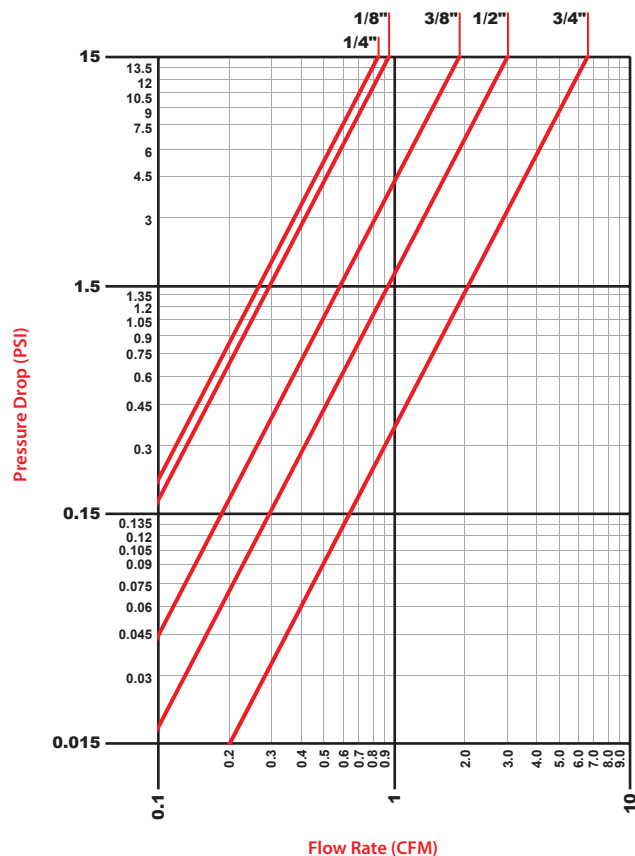
BALL VALVES SPECIFICATIONS



Flow Rate & Pressure Drop

In the table below, we specify the flow rate factors of our ball valves. These factors represent the amount of air and water that flows through the valve. They are measured by Cubic Feet per Minute (CFM) at 60° F.

Factors of flow rate		
Thread Size	CFM	m ³ /h
1/8"	0.95	1.6
1/4"	0.86	1.4
3/8"	1.86	3.1
1/2"	2.97	5
3/4"	6.05	10.2



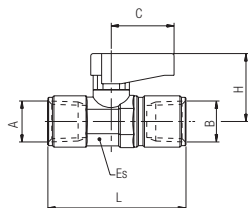
Option

PART NUMBER	SIZE	COLOR	TYPE OF THE SEAL	TYPE OF HANDLE
86300	3/8-3/8	BLUE PLATE	NBR	
		Blue Plate BL	NBR	Standard Short Handle for Valve 1/8-1/4-3/8-1/2 Standard Long Handle for Valve 3/4
If required				
		Red Plate RO Green Plate VE White Plate BN Yellow Plate GI	FKM HNBR EPDM	LONG Handle Long Handle with Spindle Extension
GAS:				
		Yellow Plate EN 331 GI		

86300

FEMALE X FEMALE

NPTF

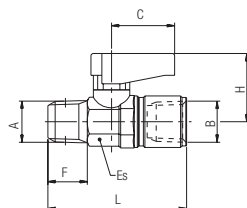


Code	Usa Ref	A	NPTF	B	NPTF	DN	ES	L	C	H	Pack
86300 00 001	86300-02-02	1/8	1/8	.217 (5,5)	.551 (14) - .591 (15)	.551 (14)	.551 (14)	1.476 (37,5)	.748 (19)	.827 (21)	10
86300 00 002	86300-04-04	1/4	1/4	.217 (5,5)	.551 (14) - .591 (15)	.551 (14)	.551 (14)	1.811 (46)	.748 (19)	.827 (21)	10
86300 00 003	86300-06-06	3/8	3/8	.315 (8)	.709 (18) - .748 (19)	.709 (18)	.709 (18)	1.909 (48,5)	.748 (19)	.866 (22)	10
86300 00 004	86300-08-08	1/2	1/2	.394 (10)	.866 (22) - .906 (23)	.866 (22)	.866 (22)	2.441 (62)	1.024 (26)	1.201 (30,5)	10

86310

MALE X FEMALE

NPTF

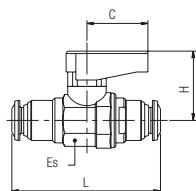


Code	Usa Ref	A	NPTF	B	NPTF	DN	ES	F	L	C	H	Pack
86310 00 001	86310-02-02	1/8	1/8	.217 (5,5)	.551 (14) - .591 (15)	.551 (14)	.551 (14)	.335 (8,5)	1.476 (37,5)	.748 (19)	.827 (21)	10
86310 00 002	86310-04-04	1/4	1/4	.217 (5,5)	.551 (14) - .591 (15)	.551 (14)	.551 (14)	.512 (13)	1.811 (46)	.748 (19)	.827 (21)	10
86310 00 003	86310-06-06	3/8	3/8	.315 (8)	.709 (18) - .748 (19)	.709 (18)	.709 (18)	.512 (13)	1.909 (48,5)	.748 (19)	.866 (22)	10
86310 00 004	86310-08-08	1/2	1/2	.394 (10)	.866 (22) - .906 (23)	.866 (22)	.866 (22)	.669 (17)	2.441 (62)	1.024 (26)	1.201 (30,5)	10
86310 00 005	86310-12-12	3/4	3/4	.551 (14)	1.102 (28) - 1.181 (30)	.551 (14)	1.102 (28)	.689 (17,5)	2.500 (63,5)	1.953 (49,5)	1.319 (33,5)	5

86320

INCH TUBE X INCH TUBE

Inch tube

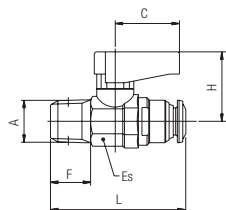


Code	Usa Ref	Tube	Tube	ES	L	C	H	Pack
86320 00 001	86320-02-02	1/8	1/8	.551 (14) - .591 (15)	1.673 (42,5)	.748 (19)	.828 (21)	10
86320 00 002	86320-04-04	1/4	1/4	.551 (14) - .591 (15)	1.831 (46,5)	.748 (19)	.828 (21)	10
86320 00 003	86320-06-06	3/8	3/8	.709 (18) - .748 (19)	2.382 (60,5)	.748 (19)	.866 (22)	10

86330

INCH TUBE X MALE

Inch tube

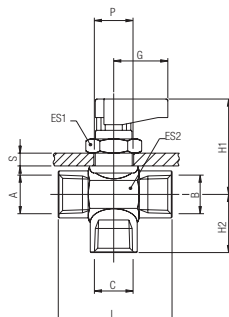


Code	Usa Ref	Tube	A NPTF	F NPTF	ES	L	C	H	Pack
86330 00 001	86330-53-02	5/32 (4)	1/8	.332 (8,5)	.551 (14) - .591 (15)	1.365 (35)	.741 (19)	.819 (21)	10
86330 00 004	86330-04-02	1/4	1/8	.332 (8,5)	.551 (14) - .591 (15)	1.574 (40)	.741 (19)	.819 (21)	10
86330 00 002	86330-04-04	1/4	1/4	.488 (12,5)	.551 (14) - .591 (15)	1.502 (38,5)	.741 (19)	.819 (21)	10
86330 00 003	86330-06-06	3/8	3/8	.507 (13)	.709 (18) - .748 (19)	1.755 (45)	.741 (19)	.858 (22)	10

86700

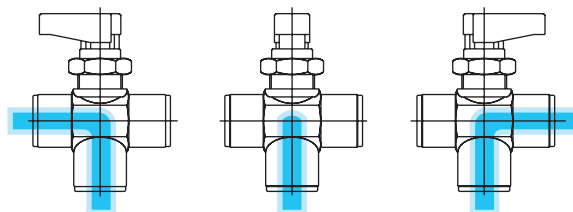
THREE POSITION (CLOSED CENTER)

NPTF



Code	Usa Ref	A/B/C	DN	ES1	ES2	L	G	H1	H2	S max	Pack
86700 00 001	86700-02	1/8	.217 (5,5)	.669 (17)	.669 (17)	1.476 (37,5)	.748 (19)	1.319 (33,5)	.650 (16,5)	.177 (4,5)	10
86700 00 002	86700-04	1/4	.217 (5,5)	.669 (17)	.669 (17)	1.476 (37,5)	.748 (19)	1.319 (33,5)	.650 (16,5)	.177 (4,5)	10
86700 00 003	86700-06	3/8	.276 (7)	.669 (17)	.827 (21)	1.909 (48,5)	.748 (19)	1.378 (35)	.866 (22)	.177 (4,5)	10

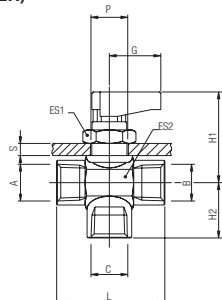
NO GAS



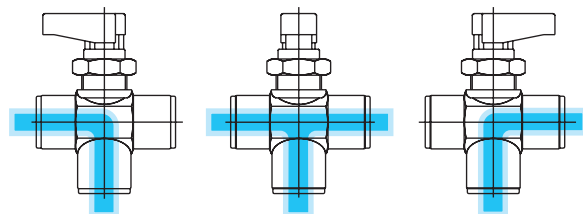
86710

THREE POSITION (OPEN CENTER)

NPTF



NO GAS

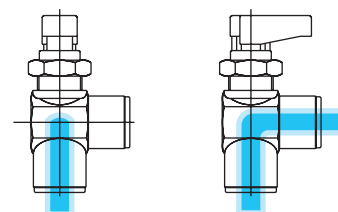
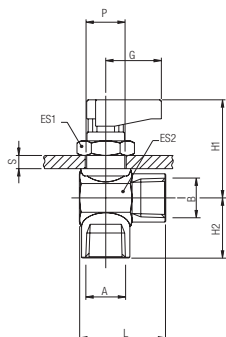


Code	Usa Ref	A/B/C	DN	ES1	ES2	L	G	H1	H2	S max	Pack
86710 00 001	86710-02	1/8	.217 (5,5)	.669 (17)	.669 (17)	1.476 (37,5)	.748 (19)	1.319 (33,5)	.650 (16,5)	.177 (4,5)	10
86710 00 002	86710-04	1/4	.217 (5,5)	.669 (17)	.669 (17)	1.476 (37,5)	.748 (19)	1.319 (33,5)	.650 (16,5)	.177 (4,5)	10
86710 00 003	86710-06	3/8	.276 (7)	.827 (21)	.827 (21)	1.909 (48,5)	.748 (19)	1.378 (35)	.866 (22)	.177 (4,5)	10

86720

RIGHT ANGLE

NPTF



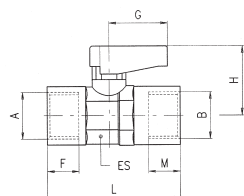
Code	Usa Ref	A/B	DN	ES1	ES2	L	G	H1	H2	S max	Pack
86720 00 001	86720-02	1/8	.217 (5,5)	.669 (17)	.669 (17)	1.476 (37,5)	.748 (19)	1.319 (33,5)	.650 (16,5)	.177 (4,5)	10
86720 00 002	86720-04	1/4	.217 (5,5)	.669 (17)	.669 (17)	1.476 (37,5)	.748 (19)	1.319 (33,5)	.650 (16,5)	.177 (4,5)	10
86720 00 003	86720-06	3/8	.276 (7)	.669 (17)	.827 (21)	1.535 (39)	.748 (19)	1.378 (35)	.866 (22)	.177 (4,5)	10

METRIC BALL VALVES

6300

FEMALE X FEMALE

BSPT

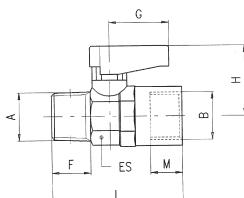


Code	Usa Ref	A	B	DN	ES	F	M	L	G	H	Pack
06300 00 001	6300-1/8	1/8	1/8	.217 (5,5)	.551(14) - .591(15)	.291 (7,4)	.291 (7,4)	1.417 (36)	.748 (19)	.827 (21)	10
06300 00 002	6300-1/4	1/4	1/4	.217 (5,5)	.551(14) - .591(15)	.433 (11)	.433 (11)	1.693 (43)	.748 (19)	.827 (21)	10
06300 00 003	6300-3/8	3/8	3/8	.315 (8)	.709(18) - .748(19)	.449 (11,4)	.449 (11,4)	1.850 (47)	.748 (19)	.866 (22)	10
06300 00 004	6300-1/2	1/2	1/2	.394 (10)	.866(22) - .906(23)	.591 (15)	.591 (15)	2.323 (59)	1.024 (26)	1.201 (30,5)	10
06300 00 055	6300-3/4	3/4	3/4	.551 (14)	1.102(28) - 1.181(30)	.642 (16,3)	.642 (16,3)	2.638 (67)	1.969 (50)	1.299 (33)	5

6310

MALE X FEMALE

BSPT

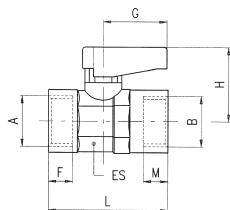


Code	Usa Ref	A	B	DN	ES	F	M	L	G	H	Pack
06310 00 001	6310-1/8-1/8	1/8	1/8	.217 (5,5)	.551(14) - .591(15)	.291 (7,4)	.291 (7,4)	1.417 (36)	.748 (19)	.827 (21)	10
06310 00 002	6310-1/4-1/8	1/4	1/8	.217 (5,5)	.551(14) - .591(15)	.433 (11)	.291 (7,4)	1.594 (40,5)	.748 (19)	.827 (21)	10
06310 00 003	6310-1/4-1/4	1/4	1/4	.217 (5,5)	.551(14) - .591(15)	.433 (11)	.433 (11)	1.693 (43)	.748 (19)	.827 (21)	10
06310 00 004	6310-3/8-3/8	3/8	3/8	.315 (8)	.709(18) - .748(19)	.449 (11,4)	.449 (11,4)	1.811 (46)	.748 (19)	.866 (22)	10
06310 00 005	6310-1/2-1/2	1/2	1/2	.394 (10)	.866(22) - .906(23)	.591 (15)	.591 (15)	2.244 (57)	1.024 (26)	1.201 (30,5)	10
06310 00 066	6310-3/4-3/4	3/4	3/4	.551 (14)	1.102(28) - 1.181(30)	.642 (16,3)	.642 (16,3)	2.480 (63)	1.969 (50)	1.299 (33)	5

6400

FEMALE X FEMALE

BSPP

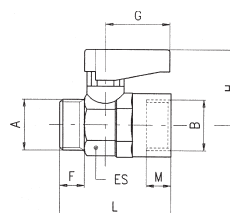


Code	Usa Ref	A	B	(DN)	ES	F	M	L	G	H	Pack
06400 00 001	6400-1/8-1/8	1/8	1/8	.217 (5,5)	.551(14) - .591(15)	.276 (7)	.276 (7)	1.378 (35)	.748 (19)	.827 (21)	10
06400 00 002	6400-1/4-1/4	1/4	1/4	.217 (5,5)	.551(14) - .591(15)	.315 (8)	.315 (8)	1.457 (37)	.748 (19)	.827 (21)	10
06400 00 003	6400-3/8-3/8	3/8	3/8	.315 (8)	.709(18) - .748(19)	.354 (9)	.354 (9)	1.654 (42)	.748 (19)	.866 (22)	10
06400 00 004	6400-1/2-1/2	1/2	1/2	.394 (10)	.866(22) - .906(23)	.394 (10)	.394 (10)	1.929 (49)	1.024 (26)	1.201 (30,5)	10
06400 00 055	6400-3/4-3/4	3/4	3/4	.551 (14)	1.102(28) - 1.181(30)	.472 (12)	.472 (12)	2.283 (58)	1.969 (50)	1.299 (33)	5

6410

MALE X FEMALE

BSPP

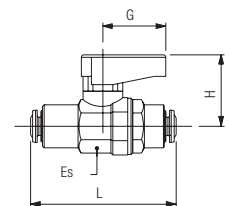


Code	Usa Ref	A	B	(DN)	ES	F	M	L	G	H	Pack
06410 00 001	6410-1/8-1/8	1/8	1/8	.217 (5,5)	.551(14) - .591(15)	.276 (7)	.276 (7)	1.339 (34)	.748 (19)	.827 (21)	10
06410 00 002	6410-1/4-1/8	1/4	1/8	.217 (5,5)	.551(14) - .591(15)	.315 (8)	.276 (7)	1.378 (35)	.748 (19)	.827 (21)	10
06410 00 003	6410-1/4-1/4	1/4	1/4	.217 (5,5)	.551(14) - .591(15)	.315 (8)	.315 (8)	1.378 (35)	.748 (19)	.827 (21)	10
06410 00 004	6410-3/8-3/8	3/8	3/8	.315 (8)	.709(18) - .748(19)	.354 (9)	.354 (9)	1.535 (39)	.748 (19)	.866 (22)	10
06410 00 005	6410-1/2-1/2	1/2	1/2	.394 (10)	.866(22) - .906(23)	.394 (10)	.394 (10)	1.772 (45)	1.024 (26)	1.201 (30,5)	10
06410 00 066	6410-3/4-3/4	3/4	3/4	.551 (14)	1.102(28) - 1.181(30)	.472 (12)	.472 (12)	2.047 (52)	1.969 (50)	1.299 (33)	5

6560

TUBE X TUBE

Metric tube

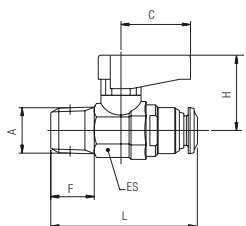


Code	Usa Ref	Tube	Tube	(DN)	ES	L	G	H	Pack
06560 00 001	6560-4-4	5/32 (4)	5/32 (4)	.118 (3)	.551(14) - .591(15)	1.732 (44)	.748 (19)	.827 (21)	10
06560 00 002	6560-6-6	6	6	.197 (5)	.551(14) - .591(15)	1.890 (48)	.748 (19)	.827 (21)	10
06560 00 003	6560-8-8	5/16 (8)	5/16 (8)	.217 (5,5)	.551(14) - .591(15)	1.890 (48)	.748 (19)	.827 (21)	10
06560 00 075	6560-10-10	10	10	.315 (8)	.709(18) - .748(19)	2.303 (58,5)	.748 (19)	.866 (22)	10
06560 00 076	6560-12-12	12	12	.394 (10)	.866(22) - .906(23)	2.598 (66)	1.024 (26)	1.201 (30,5)	10

6570

TUBE X MALE

Metric tube - BSPT



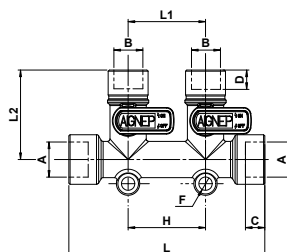
Code	Usa Ref	A	Tube	(DN)	F	ES	L	C	H	Pack
06570 00 001	6570-4-1/8	1/8	5/32 (4)	.118 (3)	.335 (8,5)	.551(14) - .591(15)	1.378 (35)	.748 (19)	.827 (21)	10
06570 00 002	6570-6-1/8	1/8	6	.197 (5)	.335 (8,5)	.551(14) - .591(15)	1.575 (40)	.748 (19)	.827 (21)	10
06570 00 004	6570-8-1/8	1/8	5/16 (8)	.217 (5,5)	.335 (8,5)	.551(14) - .591(15)	1.634 (41,5)	.748 (19)	.827 (21)	10
06570 00 003	6570-6-1/4	1/4	6	.315 (8)	.492 (12,5)	.551(14) - .591(15)	1.516 (38,5)	.748 (19)	.827 (21)	10
06570 00 005	6570-8-1/4	1/4	8	.394 (10)	.492 (12,5)	.551(14) - .591(15)	1.791 (45,5)	.748 (19)	.866 (22)	10

6620

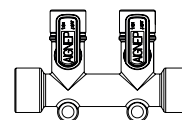
TWO-WAY G ISO 228 FEMALE DISTRIBUTOR

New

Code	Usa Ref	A	B	C	D	L	L1	L2	H	F	Pack
06620 00 001	6620-3/8-1/4	3/8	1/4	.453 (11.5)	.374 (9.5)	3.189 (81)	1.260 (32)	1.457 (37)	1.260 (32)	.217 (5.5)	1



OPEN



CLOSED

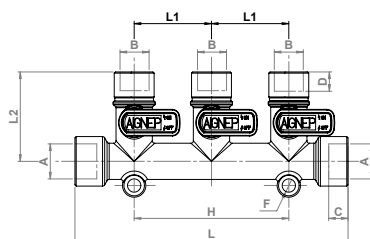


6630

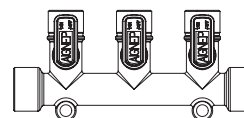
THREE-WAY G ISO 228 FEMALE DISTRIBUTOR

New

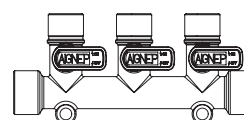
Code	Usa Ref	A	B	C	D	L	L1	L2	H	F	Pack
06630 00 001	6630-3/8-1/4	3/8	1/4	.453 (11.5)	.374 (9.5)	4.449 (113)	1.260 (32)	1.457 (37)	2.520 (64)	.217 (5.5)	1



OPEN



CLOSED

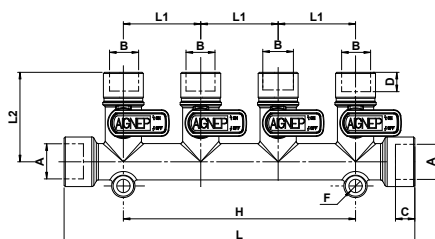


6640

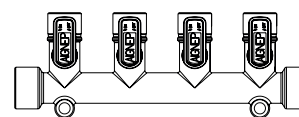
FOUR-WAY G ISO 228 FEMALE DISTRIBUTOR

New

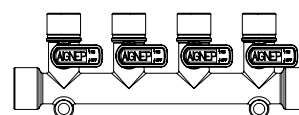
Code	Usa Ref	A	B	C	D	L	L1	L2	H	F	Pack
06640 00 001	6640-3/8-1/4	3/8	1/4	.453 (11.5)	.374 (9.5)	5.709 (145)	1.260 (32)	1.457 (37)	3.780 (96)	.217 (5.5)	1

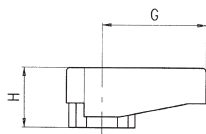


OPEN



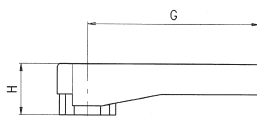
CLOSED



BALL VALVE ACCESSORIES
86900
SHORT HANDLE


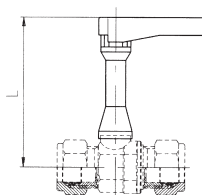
Code	Usa Ref	C	H	Size Valve	Pack
* 06900 A0 30 00 00	* 86900-02	.748 (19)	.433 (11)	1/8 - 1/4 - 3/8	20
06900 B0 30 00 00	86900-08	1.024 (26)	.590 (15)	1/2 - 3/4	20

* Standard

86910
LONG HANDLE


Code	Usa Ref	C	H	Size Valve	Pack
06910 A0 30 00 00	86910-02	1.378 (35)	.433 (11)	1/8 - 1/4 - 3/8	20
* 06910 B0 30 00 00	* 86910-08	1.968 (50)	.590 (15)	1/2 - 3/4	20

* Standard

86915
STEM EXTENSION KIT


Code	Usa Ref	Size	L	Pack
06915 00 001	86915-02	1/8	2.283 (58)	10
		1/4	2.283 (58)	
		3/8	2.323 (59)	
06915 00 002	86915-08	1/2	2.677 (68)	10
		3/4	2.756 (70)	

86920
COLOR PLATE


Code	Usa Ref	Color	Size	Pack
06920 A0 30 00 RO	86920-01	Blue (Standard Color)	1/8 - 1/4 - 3/8	10
06920 B0 30 00 RO	86920-02	Red	1/8 - 1/4 - 3/8	10
06920 A0 30 00 GI	86920-03	Green	1/8 - 1/4 - 3/8	10
06920 B0 30 00 GI	86920-04	Yellow	1/8 - 1/4 - 3/8	10
06920 A0 30 00 BL	86920-05	White	1/8 - 1/4 - 3/8	10
06920 B0 30 00 BL	86921-01	Blue (Standard Color)	1/2 - 3/4	10
06920 A0 30 00 VE	86921-02	Red	1/2 - 3/4	10
06920 B0 30 00 VE	86921-03	Green	1/2 - 3/4	10
06920 A0 30 00 BN	86921-04	Yellow	1/2 - 3/4	10
06920 B0 30 00 BN	86921-05	White	1/2 - 3/4	10