



ATUSA

BRASS VALVES

CATALOGUE 2024

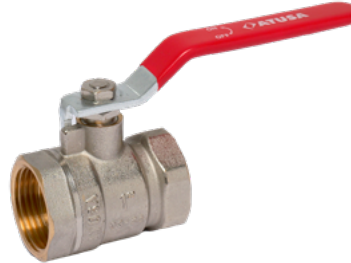
BALL VALVES

55 F/F VALVE - PN 25



Ø		BLUE CODE
1/2"	100 10	VS055003
3/4"	80 10	VS055004
1"	64 8	VS055005
1 1/4"	32 8	VS055006
1 1/2"	24 6	VS055007
2"	12 3	VS055008
2 1/2"	4 2	VS05500A
3"	4 2	VS05500B
4"	2 1	VS05500C

55R F/F VALVE - PN 25



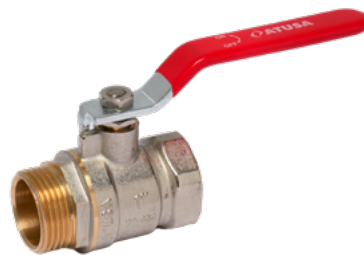
Ø		RED CODE
1/2"	100 10	VSR05503
3/4"	80 10	VSR05504
1"	64 8	VSR05505
1 1/4"	32 8	VSR05506
1 1/2"	24 6	VSR05507
2"	12 3	VSR05508
2 1/2"	4 2	VSR0550A
3"	4 2	VSR0550B
4"	2 1	VSR0550C

54 M/F VALVE - PN 25



Ø		BLUE CODE
1/2"	100 10	VS054003
3/4"	80 10	VS054004
1"	64 8	VS054005
1 1/4"	32 8	VS054006
1 1/2"	24 6	VS054007
2"	12 3	VS054008

54R M/F VALVE - PN 25



Ø		RED CODE
1/2"	100 10	VSR05403
3/4"	80 10	VSR05404
1"	64 8	VSR05405
1 1/4"	32 8	VSR05406
1 1/2"	24 6	VSR05407
2"	12 3	VSR05408

355 F/F VALVE - PN 25



Ø		BLUE CODE
1/2"	100 10	VS355003
3/4"	80 10	VS355004
1"	64 8	VS355005

355R F/F VALVE - PN 25



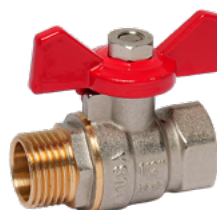
Ø		RED CODE
1/2"	100 10	VSR35503
3/4"	80 10	VSR35504
1"	64 8	VSR35505

354 M/F VALVE - PN 25



Ø		BLUE CODE
1/2"	100 10	VS354003
3/4"	80 10	VS354004
1"	64 8	VS354005

354R M/F VALVE - PN 25



Ø		RED CODE
1/2"	100 10	VSR35403
3/4"	80 10	VSR35404
1"	64 8	VSR35405

40 F/F VALVE - PN 30



ANTI ICE SYSTEM



Ø	Box		BLUE CODE
1/4"	150	15	VS040001
3/8"	150	15	VS040002
1/2"	80	10	VS040003
3/4"	48	6	VS040004
1"	32	4	VS040005
1 1/4"	24	6	VS040006
1 1/2"	16	4	VS040007
2"	8	2	VS040008
2 1/2"	4	1	VS04000A
3"	4	1	VS04000B
4"	3	1	VS04000C

50 F/F VALVE - PN 30



ANTI ICE SYSTEM



Ø	Box		RED CODE
1/4"	150	15	VS050001
3/8"	150	15	VS050002
1/2"	80	10	VS050003
3/4"	48	6	VS050004
1"	32	4	VS050005
1 1/4"	24	6	VS050006
1 1/2"	16	4	VS050007
2"	8	2	VS050008
2 1/2"	4	1	VS05000A
3"	4	1	VS05000B
4"	3	1	VS05000D

46 M/F VALVE - PN 30



ANTI ICE SYSTEM



Ø	Box		BLUE CODE
3/8"	150	15	VS046002
1/2"	80	8	VS046003
3/4"	48	6	VS046004
1"	32	4	VS046005
1 1/4"	24	6	VS046006
1 1/2"	16	4	VS046007
2"	8	2	VS046008

56 M/F VALVE - PN 30



ANTI ICE SYSTEM



Ø	Box		RED CODE
3/8"	150	15	VS056002
1/2"	80	8	VS056003
3/4"	48	6	VS056004
1"	32	4	VS056005
1 1/4"	24	6	VS056006
1 1/2"	16	4	VS056007
2"	8	2	VS056008

340 F/F VALVE - PN 30



ANTI ICE SYSTEM



Ø	Box		BLUE CODE
3/8"	150	15	VS340002
1/2"	90	9	VS340003
3/4"	80	8	VS340004
1"	40	5	VS340005

350 F/F VALVE - PN 30



ANTI ICE SYSTEM



Ø	Box		RED CODE
3/8"	150	15	VS350002
1/2"	90	9	VS350003
3/4"	80	8	VS350004
1"	40	5	VS350005

346 M/F VALVE - PN 30



ANTI ICE SYSTEM



Ø	Box		BLUE CODE
3/8"	150	15	VS346002
1/2"	90	9	VS346003
3/4"	80	8	VS346004
1"	32	4	VS346005

356 M/F VALVE - PN 30



ANTI ICE SYSTEM



Ø	Box		RED CODE
3/8"	150	15	VS356002
1/2"	90	9	VS356003
3/4"	80	8	VS356004
1"	32	4	VS356005

57 M/M VALVE - PN 30



ANTI ICE SYSTEM



Ø	Box	Code
1/2"	80 8	VS057003
3/4"	48 6	VS057004
1"	32 4	VS057005
1 1/4"	24 6	VS057006
1 1/2"	16 4	VS057007
2"	8 2	VS057008

357 M/M VALVE - PN 30



ANTI ICE SYSTEM



Ø	Box	Code
1/2"	80 8	VS357003
3/4"	70 7	VS357004
1"	32 4	VS357005

50/I F/F VALVE STAINLESS STEEL HANDLE - PN 30

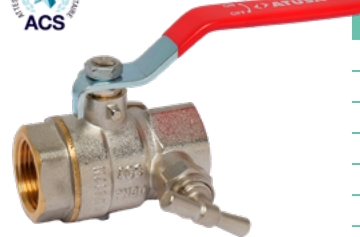


ANTI ICE SYSTEM



Ø	Box	Code
1/4"	150 15	VSS01001
3/8"	150 15	VSS01002
1/2"	80 10	VSS01003
3/4"	48 6	VSS01004
1"	32 4	VSS01005
1 1/4"	24 6	VSS01006
1 1/2"	16 4	VSS01007
2"	8 2	VSS01008

65 F/F VALVE WITH AIR VENT AND PLUG - PN 30



Ø	Box	Code
1/2"	40 4	VS065003
3/4"	24 6	VS065004
1"	24 6	VS065005
1 1/4"	16 4	VS065006
1 1/2"	6 2	VS065007
2"	6 2	VS065008

10 F/F VALVE STAINLESS STEEL HANDLE - PN 40



Ø	Box	Code
1/4"	150 15	VS010001
3/8"	150 15	VS010002
1/2"	56 7	VS010003
3/4"	48 6	VS010004
1"	24 6	VS010005
1 1/4"	16 4	VS010006
1 1/2"	8 2	VS010007
2"	8 2	VS010008

58 F/F VALVE WITH SEALABLE SQUARE CAP - PN 25



Ø	Box	Code
1/2"	90 9	VS058003
3/4"	80 8	VS058004
1"	48 6	VS058005
1 1/4"	32 4	VS058006
1 1/2"	16 4	VS058007
2"	8 2	VS058008

59 FEMALE VALVE WITH SQUARE CAP - PN 25



Ø	Box	Code
1/2"	80 10	VS059003
3/4"	48 6	VS059004
1"	36 9	VS059005
1 1/4"	24 6	VS059006
1 1/2"	16 4	VS059007
2"	8 2	VS059008

620 M/F VALVE WITH 2 PCS CONNECTOR - PN 25



Ø	Box	Code
1/2"	70 7	VS620003
3/4"	60 6	VS620004
1"	32 4	VS620005
1 1/4"	24 6	VS620006

360 F/F VALVE WITH CHECK VALVE PN 16



Ø	Box		CODE
1/2"	90	9	VS360003
3/4"	70	7	VS360004
1"	32	4	VS360005

361 F/F VALVE SLIDING NUT WITH CHECK VALVE - PN 16



Ø	Box		CODE
1/2"	100	10	VS361003
3/4"	60	6	VS361004
1"	48	6	VS361005

1011 MINI F/F VALVE - PN 16



Ø	Box		BLUE CODE
1/8"	200	20	VS101100
1/4"	200	20	VS101101
3/8"	200	20	VS101102
1/2"	160	16	VS101103
3/4"	100	10	VS101104

1011R MINI F/F VALVE - PN 16



Ø	Box		RED CODE
1/8"	200	20	VSR10110
1/4"	200	20	VSR10111
3/8"	200	20	VSR10112
1/2"	160	16	VSR10113
3/4"	100	10	VSR10114

1012 MINI M/F VALVE - PN 16



Ø	Box		BLUE CODE
1/8"	200	20	VS101200
1/4"	200	20	VS101201
3/8"	200	20	VS101202
1/2"	160	16	VS101203
3/4"	100	10	VS101204

1012R MINI M/F VALVE - PN 16



Ø	Box		RED CODE
1/8"	200	20	VSR10120
1/4"	200	20	VSR10121
3/8"	200	20	VSR10122
1/2"	160	16	VSR10123
3/4"	100	10	VSR10124

30/S WELDING VALVE - PN 30



Ø	Box		CODE
15 mm.	64	8	VS30S315
18 mm.	64	8	VS30S418
22 mm.	48	6	VS30S422
28 mm.	32	4	VS30S528
35 mm.	16	4	VS30S635
42 mm.	8	2	VS30S742
54 mm.	4	1	VS30S854

330/S WELDING VALVE - PN 30



Ø	Box		CODE
15 mm.	64	8	VS33S315
18 mm.	64	8	VS33S418
22 mm.	48	6	VS33S422

1302 3 - WAYS VALVE "L" TYPE - PN 16



Ø	Box		CODE
1/4"	24	6	VS130201
3/8"	24	6	VS130202
1/2"	24	6	VS130203
3/4"	15	5	VS130204
1"	12	4	VS130205
1 1/4"	9	3	VS130206
1 1/2"	4	1	VS130207
2"	2	1	VS130208

1303 3 - WAYS VALVE "T" TYPE - PN 16



Ø	Box		CODE
1/4"	24	6	VS130301
3/8"	24	6	VS130302
1/2"	24	6	VS130303
3/4"	15	5	VS130304
1"	12	4	VS130305
1 1/4"	9	3	VS130306
1 1/2"	4	1	VS130307
2"	2	1	VS130308

41 BIBCOCK VALVE, ALUMINUM HANDLE, QUICK CONNECTOR - PN 20



ANTI ICE SYSTEM



Ø	Box		CODE
1/2" x 3/4"	64	8	VS041003
3/4" x 1"	48	6	VS041004
1" x 1"	32	4	VS041005

42 BIBCOCK VALVE WITH TWO OUTLETS, QUICK CONNECTOR - PN 16



ANTI ICE SYSTEM



Ø	Box		CODE
1/2" x 3/4" x 3/4"	36	9	VS042344

43 BIBCOCK VALVE, STAINLESS STEEL HANDLE, QUICK CONNECTOR - PN 16



ANTI ICE SYSTEM



Ø	Box		CODE
1/2" x 3/4"	80	10	VS043003
3/4" x 1"	48	6	VS043004
1" x 1 1/4"	32	4	VS043005

44 BIBCOCK VALVE - PN 16



ANTI ICE SYSTEM



Ø	Box		CODE
1/2" x 1/2"	80	10	VS044033
1/2" x 3/4"	80	10	VS044003
3/4" x 3/4"	48	6	VS044044
3/4" x 1"	48	6	VS044004
1" x 1 1/4"	32	4	VS044005

45 BIBCOCK VALVE - PN 16



ANTI ICE SYSTEM



Ø	Box		CODE
1/2" x 3/4"	80	10	VS045003
3/4" x 1"	48	6	VS045004
1" x 1 1/4"	32	4	VS045005

519 BOILER DRAIN VALVE



Ø	Box		CODE
1/2"	64	8	VS519003

800 GARDEN HOSE BOX



Ø		CODE
1/2" / 3/4" x 3/4"	2 1	VS800044
1/2" / 3/4" x 1"	2 1	VS800045

88 VERTICAL WATER HYDRANT VALVE



Ø		CODE
3/4" x 3/4"	48 6	VS088044
3/4" x 1"	48 6	VS088045

60 ANGLE VALVE



Ø		CODE
1/2" x 3/8"	160 2	VS060002
1/2" x 1/2"	160 2	VS060003

60L LONG ANGLE VALVE



Ø		CODE
1/2" x 3/8"	136 2	VS060L02

66 ANGLE VALVE WITH STRAINER



Ø		CODE
1/2" x 3/8"	138 2	VS066002
1/2" x 1/2"	138 2	VS066003
1/2" x 3/4"	138 2	VS066004

1100 WASHING MACHINE ANGLE VALVE



Ø	Ø mm.		CODE
1/2" x 3/4"	9	95 1	VS110034

1110 WASHING MACHINE ANGLE VALVE



Ø		CODE
1/2" x 3/4"	90 1	VS111034

1200 DOUBLE WASHING MACHINE VALVE



Ø		CODE
1/2" x 3/4" x 3/4"	48 6	VS120003

1300 MIXED VALVE WASHING MACHINE WASHBASIN



Ø		CODE
1/2" x 3/4" x 3/8"	36 1	VS130342

CHECK VALVES, FOOT CHECK VALVES AND FILTERS

130 CHECK VALVE



Ø	Box	CODE
3/8"	144 24	VS130002
1/2"	120 20	VS130003
3/4"	72 12	VS130004
1"	48 8	VS130005
1 1/4"	24 6	VS130006
1 1/2"	16 4	VS130007
2"	8 2	VS130008
2 1/2"	8 1	VS13000A
3"	6 1	VS13000B
4"	2 1	VS13000C

131 HEAVY TYPE CHECK VALVE



Ø	Box	CODE
1/2"	90 15	VS131003
3/4"	48 12	VS131004
1"	36 9	VS131005
1 1/4"	24 6	VS131006
1 1/2"	8 2	VS131007
2"	8 2	VS131008
2 1/2"	6 1	VS13100A
3"	4 1	VS13100B
4"	3 1	VS13100C

130/A FOOT CHECK VALVE



Ø	Box	CODE
1/2"	72 12	VS130A03
3/4"	48 12	VS130A04
1"	40 10	VS130A05
1 1/4"	12 3	VS130A06
1 1/2"	12 3	VS130A07
2"	6 3	VS130A08
2 1/2"	9 1	VS130A0A
3"	8 1	VS130A0B
4"	5 1	VS130A0C

611 STAINLESS STEEL STRAINER FOR CHECK VALVE



Ø	Box	CODE
1/2"	250 25	VS611003
3/4"	140 14	VS611004
1"	88 11	VS611005
1 1/4"	48 6	VS611006
1 1/2"	40 5	VS611007
2"	24 6	VS611008
2 1/2"	24 1	VS61100A
3"	8 1	VS61100B
4"	6 1	VS61100C

155 METAL SWING CHECK VALVE



Ø	Box	CODE
1/2"	72 12	VS155003
3/4"	60 10	VS155004
1"	24 6	VS155005
1 1/4"	20 5	VS155006
1 1/2"	16 4	VS155007
2"	8 1	VS155008
2 1/2"	5 1	VS15500A
3"	7 1	VS15500B
4"	4 1	VS15500C

155/A RUBBER SWING CHECK VALVE



Ø	Box	CODE
1/2"	72 12	VS155A03
3/4"	60 10	VS155A04
1"	24 6	VS155A05
1 1/4"	20 5	VS155A06
1 1/2"	16 4	VS155A07
2"	8 1	VS155A08
2 1/2"	5 1	VS155A0A
3"	7 1	VS155A0B
4"	4 1	VS155A0C

205 "Y" BRASS STRAINER



Ø	Box	CODE
3/8"	144 12	VS205002
1/2"	72 12	VS205003
3/4"	40 10	VS205004
1"	36 9	VS205005
1 1/4"	16 4	VS205006
1 1/2"	12 2	VS205007
2"	8 1	VS205008
2 1/2"	4 1	VS20500A
3"	6 1	VS20500B
4"	2 1	VS20500C

196 FOOT CHECK VALVE



Ø	Box	CODE
1/2"	60 15	VS196003
3/4"	48 12	VS196004
1"	36 6	VS196005
1 1/4"	20 5	VS196006
1 1/2"	12 3	VS196007
2"	8 2	VS196008
2 1/2"	8 1	VS19600A
3"	8 1	VS19600B
4"	5 1	VS19600C

SAFETY VALVES

560 ANGLE SAFETY VALVE



Ø	Box		CODE
1/2"	50	1	VSS60003
3/4"	40	1	VSS60004
1"	25	1	VSS60005
1 1/4"	15	1	VSS60006
1 1/2"	10	1	VSS60007
2"	5	1	VSS60008
2 1/2"	2	1	VSS6000A
3"	2	1	VSS6000B

701 SAFETY VALVE FOR WATER HEATER M-F ADJUSTABLE



WITHOUT HANDLE

WITH HANDLE



Ø	Box		CODE
1/2"	250	25	VS701R03
1/2"	180	20	VS701RP3

702 SAFETY VALVE FOR WATER HEATER M-F



Ø	Box		CODE
1/2"	250	25	VS702003
3/4"	90	10	VS702004

703 SAFETY VALVE FOR WATER HEATER WITH HANDLE M-F



Ø	Box		CODE
1/2"	180	20	VS703003
3/4"	90	10	VS703004

705 DIAPHRAGM SAFETY VALVE F-F



Ø	Box		CODE
1/2"	108	12	VS705033
1/2"	108	12	VS705073

706 DIAPHRAGM SAFETY VALVE M-F



Ø	Box		CODE
1/2"	108	12	VS706033
1/2"	108	12	VS706073

707 DIAPHRAGM SAFETY VALVE M-F WITH ATTACK MANOMETER



Ø	Box		CODE
1/2"	90	10	VS707033

709 DOUBLE FUNCTION SAFETY VALVE TEMPERATURE AND PRESSURE



Ø	Box		CODE
1/2" M x Ø15	24	1	VS709335
3/4" M x Ø22	24	1	VS709342

PRESSURE REDUCERS

140 PISTON PRESSURE REDUCING VALVE



Ø		CODE
1/2"	50 1	RP140003
3/4"	50 1	RP140004

143 PISTON PRESSURE REDUCING VALVE



Ø		CODE
1/2"	25 1	RP143003
3/4"	20 1	RP143004
1"	15 1	RP143005
1 1/4"	6 1	RP143006
1 1/2"	6 1	RP143007
2"	4 1	RP143008
2 1/2"	4 1	RP14300A
3"	3 1	RP14300B
4"	2 1	RP14300C

146 PRESSURE REDUCING VALVE PISTON WITH DISMANTLING FITTINGS FEMALE



Ø		CODE
1/2"	20 1	RP146003
3/4"	10 1	RP146004
1"	10 1	RP146005
1 1/4"	6 1	RP146006
1 1/2"	6 1	RP146007
2"	3 1	RP146008

148 PRESSURE REDUCING VALVE PISTON



Ø		CODE
1/2"	25 1	RP148003
3/4"	20 1	RP148004
1"	15 1	RP148005
1 1/4"	6 1	RP148006
1 1/2"	6 1	RP148007
2"	4 1	RP148008
2 1/2"	4 1	RP14800A

149 PRESSURE REDUCING VALVE PISTON - FLANGED



Ø		CODE
50	2 1	RP149050
65	2 1	RP149065
80	2 1	RP149080
100	1 1	RP149100

156 SELF CLEANING FILTER, 100 MICRON SCREEN



Ø		CODE
1/2"	10 1	RP156003
3/4"	10 1	RP156004
1"	6 1	RP156005
1 1/4"	6 1	RP156006
1 1/2"	6 1	RP156007
2"	6 1	RP156008

145 STOPSHOCK VALVE



Ø		CODE
1/2"	50 1	RP145003

GATE AND GLOBE VALVES

150/G RUBBER WEDGE GATE VALVE



Ø	Box	CODE
1/2"	96 12	VS150G03
3/4"	64 8	VS150G04
1"	48 6	VS150G05
1 1/4"	28 7	VS150G06
1 1/2"	12 3	VS150G07
2"	12 3	VS150G08
2 1/2"	3 1	VS150G0A
3"	3 1	VS150G0B
4"	2 1	VS150G0C

150 BRASS GATE VALVE



Ø	Box	CODE
3/8"	96 12	VS150002
1/2"	48 12	VS150003
3/4"	48 12	VS150004
1"	32 8	VS150005
1 1/4"	24 4	VS150006
1 1/2"	12 3	VS150007
2"	8 2	VS150008
2 1/2"	10 1	VS15000A
3"	8 1	VS15000B
4"	4 1	VS15000C

172 BRONZE GATE VALVE



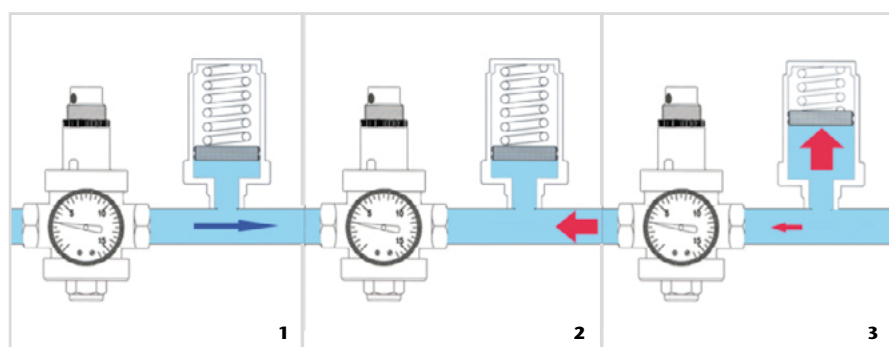
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1/2"	160 20	VS172003
3/4"	100 20	VS172004
1"	80 10	VS172005
1 1/4"	40 10	VS172006
1 1/2"	35 5	VS172007
2"	25 5	VS172008
2 1/2"	14 1	VS17200A
3"	12 1	VS17200B
4"	6 1	VS17200D

173 STRAIGHT PATTERN GLOBE VALVE



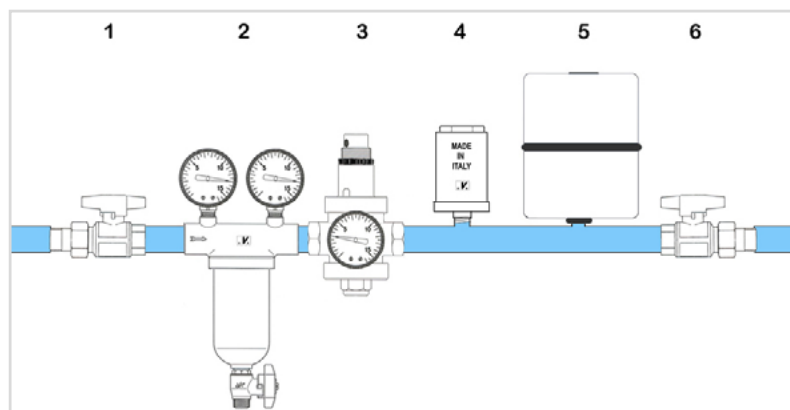
Ø	Box	CODE
1/2"	60 6	VS173003
3/4"	50 5	VS173004
1"	24 3	VS173005
1 1/4"	16 4	VS173006
1 1/2"	8 2	VS173007
2"	8 1	VS173008

FUNCTIONING OF THE STOPSHOCK VALVE



1. Normal functioning
2. Incoming of stopshock valve
3. Absorbing stopshock valve

INSTALLATION CORRECTE



1. Ball valve
2. Self cleaning filter
3. Pressure reducing valve
4. Stopshock valve
5. Expansion vessel
6. Ball valve

PRESSURE GAUGES

Possibility of
PERSONALIZATION



400

Ø 50 PRESSURE GAUGE WITH CARBON STEEL CASE



PRESSURE RATING		CODE
0 - 2	125 1	VS400002
0 - 4	125 1	VS400004
0 - 6	125 1	VS400006
0 - 10	125 1	VS400010
0 - 16	125 1	VS400016



410

Ø 50 PRESSURE GAUGE WITH CARBON STEEL CASE - BRASS PLUG



PRESSURE RATING		CODE
0 - 2	180 1	VS410002
0 - 4	180 1	VS410004
0 - 6	180 1	VS410006
0 - 10	180 1	VS410010
0 - 16	180 1	VS410016



420

Ø 63 PRESSURE GAUGE WITH CARBON STEEL CASE - BRASS PLUG



PRESSURE RATING		CODE
0 - 2	120 1	VS420002
0 - 4	120 1	VS420004
0 - 6	120 1	VS420006
0 - 10	120 1	VS420010
0 - 16	120 1	VS420016



432

Ø 63 PRESSURE GAUGE WITH GLYCERINE - AISI 304 STAINLESS STEEL CASE




PRESSURE RATING		CODE
0 - 2	64 1	VS432002
0 - 4	64 1	VS432004
0 - 6	64 1	VS432006
0 - 10	64 1	VS432010
0 - 16	64 1	VS432016
0 - 25	64 1	VS432025
0 - 60	64 1	VS432060
0 - 100	64 1	VS432100



430

Ø 63 PRESSURE GAUGE WITH GLYCERINE -
AISI 304 STAINLESS STEEL CASE AND BRASS PLUG




PRESSURE RATING		CODE
0 - 2	100 1	VS430002
0 - 4	100 1	VS430004
0 - 6	100 1	VS430006
0 - 10	100 1	VS430010
0 - 16	100 1	VS430016
0 - 25	100 1	VS430025
0 - 60	100 1	VS430060
0 - 100	100 1	VS430100



440

Ø 100 PRESSURE GAUGE WITH GLYCERINE -
AISI 304 STAINLESS STEEL CASE AND BRASS PLUG




PRESSURE RATING		CODE
0 - 2	36 1	VS440002
0 - 4	36 1	VS440004
0 - 6	36 1	VS440006
0 - 10	36 1	VS440010
0 - 16	36 1	VS440016
0 - 25	36 1	VS440025
0 - 60	36 1	VS440060
0 - 100	36 1	VS440100



431

Ø 63 PRESSURE GAUGE WITH GLYCERINE -
AISI 304 STAINLESS STEEL CASE AND PLUG




PRESSURE RATING		CODE
0 - 2	100 1	VS431002
0 - 4	100 1	VS431004
0 - 6	100 1	VS431006
0 - 10	100 1	VS431010
0 - 16	100 1	VS431016
0 - 25	100 1	VS431025
0 - 60	100 1	VS431060
0 - 100	100 1	VS431100



441


Ø 100 PRESSURE GAUGE WITH GLYCERINE -
AISI 304 STAINLESS STEEL CASE AND BRASS PLUG



PRESSURE RATING		CODE
0 - 6	36 1	VS441006
0 - 10	36 1	VS441010
0 - 16	36 1	VS441016
0 - 25	36 1	VS441025
0 - 60	36 1	VS441060
0 - 100	36 1	VS441100

SEALANTS


A90 ANAEROBIC SEALANT OF PTFE FOR METAL JOINT

	CODE
6	TLA90000

SEALANT

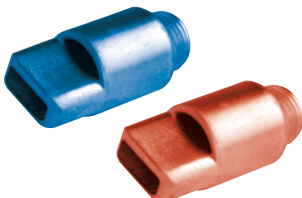
PTFE TAPE




Ø		CODE
0,1 mm. x 12 mm. x 12 mts	350 10	TC001212
0,1 mm. x 25 mm. x 50 mts	60 5	TC002550
0,1 mm. x 19 mm. x 50 mts	80 5	TC001950
0,2 mm. x 19 mm. x 15 mts	100 5	TC001915

PLUG

POLYESTER GASKETS FOR INSTALLATION TEST



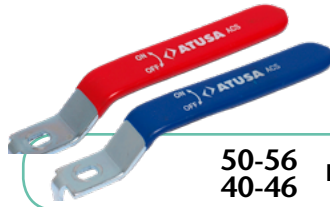
Ø	COLOUR		CODE
1/2 "	BLUE	600 20	RAFUTPAZ
1/2 "	RED	600 20	RAFUTPRO

ACCESSORIES



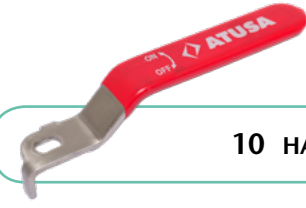
**55R-54R
55-54 HANDLE**

Ø	RED CODE	BLUE CODE
1/2"	VSR55M03	VS055M03
3/4"	VSR55M04	VS055M04
1"	VSR55M05	VS055M05
1 1/4"	VSR55M06	VS055M06
1 1/2"	VSR55M07	VS055M07
2"	VSR55M08	VS055M08
2 1/2" - 3"	VSR55MAB	VS055MAB
4"	VSR55M0C	VS055M0C



**50-56
40-46 HANDLE**

Ø	RED CODE	BLUE CODE
1/4" - 1/2"	VS050M13	VS040M13
3/4"	VS050M04	VS040M04
1"	VS050M05	VS040M05
1 1/4"	VS050M06	VS040M06
1 1/2" - 2"	VS050M78	VS040M78
2 1/2" - 3"	VS050MAB	VS040MAB
4"	VS050M0D	VS040M0D



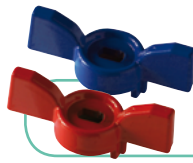
10 HANDLE

Ø	CODE
1/2" - 3/4"	VS010M34
1"	VS010M05
1 1/4" - 1 1/2"	VS010M67
2"	VS010M08



**355R-354R
355-354 HANDLE**

Ø	RED CODE	BLUE CODE
1/2" - 3/4"	VSR35M34	VS355M34
1"	VSR35M05	VS355M05



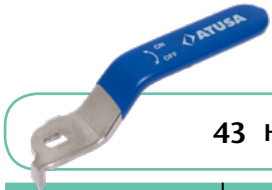
**350-356
340-346 HANDLE**

Ø	RED CODE	BLUE CODE
3/8" - 3/4"	VS350M24	VS340M24
1"	VS350M05	VS340M05



30/S HANDLE

Ø	CODE
1/2" - 3/4"	VS30SM34
1"	VS30SM05
1 1/4" - 1 1/2"	VS30SM67
2"	VS30SM08



43 HANDLE

Ø	CODE
1/2" - 3/4"	VS043M34
1"	VS043M05



44 HANDLE

Ø	CODE
1/2" - 3/4"	VS044M34
1"	VS044M05



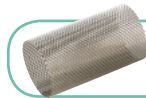
45 HANDLE

Ø	CODE
1/2" - 3/4"	VS045M34
1"	VS045M05



173 HANDWHEEL

Ø	CODE
1/2" - 3/4"	VS173V34
1" - 1 1/4"	VS173V56
1 1/2" - 2"	VS173V78



205 SCREEN

Ø	CODE
1/2"	VS205M33
3/4"	VS205M34
1"	VS205M35
1/2"	VS205M03
3/4"	VS205M04
1"	VS205M05
1 1/4"	VS205M06
1 1/2"	VS205M07
2"	VS205M08
2 1/2"	VS205MOA
3"	VS205MOB
4"	VS205M0C

300 µm 500 µm 1200 µm



QUICK CONNECTOR

Ø	Box		CODE
3/4"	400	40	VS046RR4
1"	300	30	VS046RR5



150 HANDWHEEL

Ø	CODE
1/2" - 3/4"	VS150V34
1" - 1 1/4"	VS150V56
1 1/2" - 2"	VS150V78
2 1/2"	VS150V0A
3"	VS150V0B
4"	VS150V0C



205 JOINT

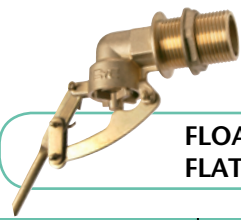
Ø	CODE
1/2"	VS205J03
3/4"	VS205J04
1"	VS205J05



QUICK CONNECTOR

Ø	Box		CODE
3/4"	140	20	VS046RP4
1"	60	15	VS046RP5
1 1/4"	30	10	VS046RP6

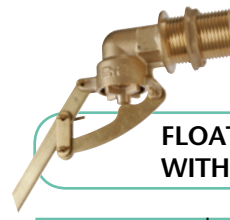
FLOAT VALVES AND FLOATS



**FLOAT VALVE WITH
FLAT ROD**



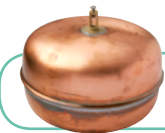
Ø	SIZE			CODE
3/8"	3/16	50	5	VS91LR02
1/2"	6/100	50	5	VS91LR03
3/4"	7/100	50	5	VS91LR04
1"	8/100	25	5	VS91LR05
1 1/4"	9/100	10	1	VS91LR06
1 1/2"	9/100	10	1	VS91LR07
2"	9/100	6	1	VS91LR08



**FLOAT VALVE
WITH THREADED ROD**

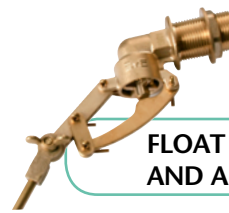


Ø			CODE
1/2"	50	5	VS91LP03
3/4"	50	5	VS91LP04
1"	25	5	VS91LP05
1 1/4"	10	1	VS91LP06
1 1/2"	10	1	VS91LP07
2"	6	1	VS91LP08



**FLAT COPPER FLOAT FOR FLOAT
VALVE WITH FLAT ROD**

Ø	SIZE cm			CODE
1/2"	12	50	1	VS92CP03
3/4"	15	24	1	VS92CP04
1"	17	18	1	VS92CP05
1 1/4"	20	18	1	VS92CP06
1 1/2"	23	24	1	VS92CP07
2"	25	24	1	VS92CP08



**FLOAT VALVE WITH THREADED
AND ARTICULATED ROD**



Ø	SIZE			CODE
1/2"	6/100	50	5	VS91LA03
3/4"	7/100	50	5	VS91LA04
1"	8/100	25	5	VS91LA05



**SPHERICAL PLASTIC FLOAT FOR
FLOAT VALVE WITH THREADED ROD**

Ø	SIZE cm			CODE
3/8"	9	200	1	VS92PE02
1/2"	11	110	1	VS92PE03
3/4"	13	65	1	VS92PE04
1"	15	30	1	VS92PE05
1 1/4" - 1 1/2"	20	18	1	VS92PE06
2"	23	12	1	VS92PE08



**MIXED FLAT PLASTIC FLOAT FOR
FLOAT VALVE**

Ø	SIZE cm			CODE
1/2"	12	120	1	VS92PM03
3/4"	12	120	1	VS92PM04
1"	15	60	1	VS92PM05
1 1/4" - 1 1/2"	20	25	1	VS92PM06
2"	25	13	1	VS92PM08



RUBBER GASKET OF PISTON

Ø		CODE
3/8"	10	VS93GP02
1/2"	10	VS93GP03
3/4"	10	VS93GP04
1"	10	VS93GP05
1 1/4"	10	VS93GP06
1 1/2"	10	VS93GP07
2"	10	VS93GP08



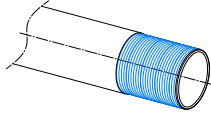
PIN OF FLOAT VALVE

Ø		CODE
3/8" - 1/2"	10	VS93PA02
3/4" - 1"	10	VS93PA04
1 1/4" - 1 1/2"	10	VS93PA06
2"	10	VS93PA08

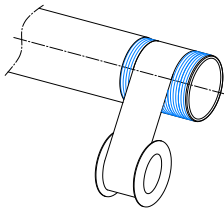
VALVE INSTALLATION REFERENCE

Ensure valve is suitable for service conditions, e.g. pressure, temperature, service media.

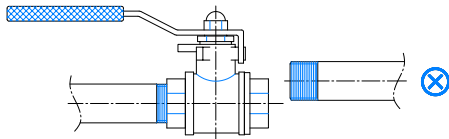
Ensure that the ends pipe is well defined and without scraps.



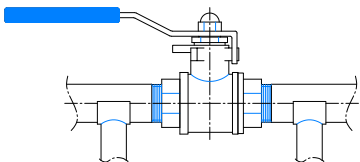
It is essential the use of a thread sealant (PTFE or similar) on the thread to give a pressure tight seal.



The connection pipes must be placed on the same axis. The valve does not absorb the differences. The resultant distortion of an incorrect alignment can produce sealant problems, maneuver difficulties and also rupture of the valve.



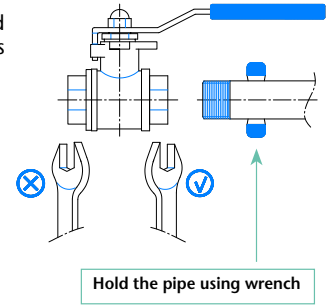
The pipes which joint the valve must be perfectly fastened.



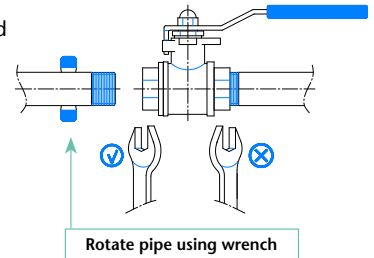
Never grip the valve bodies in a vice, do not block with extensions of key. The valve could be deformed or even broken.

When joining the pipe with the valve, the spanner or wrench should be placed on the flats of the right position, do not use other key.

First side: Pipe held secure and rotate the valve, grip on flats next to joint being made.

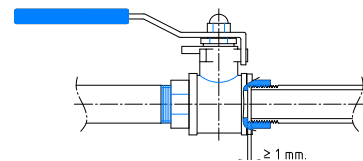


Second side: The valve held secure and rotate the pipe.



In general, not exceed a torque of 30 Nm.

Due to the fact that usually the length of the pipe thread is longer than the tread of the valve, is essential, to avoid valve broken, that the pipe extremity never butt against the shoulder of the seat. Minimum 1 mm.



NOTE: The design of the installation must avoid any stress to prevent damage to the valve and keep it operational at any time.

IMPORTANT CONSIDERATIONS

Ball valves should remain fully open or fully closed. The transition from one position to the other must be done gently in order to avoid sudden shocks, water-hammers.

Opening and closing operations in the valve should be made approximately every two months, increasing this frequency when there are hard water or stools.

When the valve offer much resistance to opening or closing, it must be operated using a tube of sufficient length as a long handle. For installations temporarily out of service, it is recommended to close the connection and draining it.

FLEXIBLE CONNECTORS

DN 8

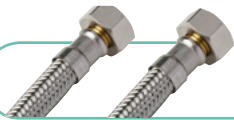
STAINLESS STEEL BRAIDED FLEXIBLE CONNECTOR FOR SANITARY INSTALLATIONS

EPDM rubber inner tube – ACS certified.
 Stainless steel braid AISI 304.
 Stainless steel ferrules AISI 304.
 Nickel plated brass fittings.
 EPDM rubber washers incorporated.
 According to EN 13618.
 AENOR certified product.
 CSTBat certified product.

Inner diameter: 8 mm.
 Outer diameter: 12 mm.
 Fitting inner diameter: 6 mm.
 Flow rate: 30 l./min.
 Minimum bending radius: 30 mm.
 Working pressure: 10 bar.
 Maximum working temperature: 90° C.
 Suitable for drinking water.

Applications:

Sanitary installations, wash- basins, bidets, WC suites, water heaters, catering.



F 3/8" - F 3/8"

LENGTH mm.			CODE
150	200	5	H1H2H215
200	100	5	H1H2H220
250	100	5	H1H2H225
300	100	5	H1H2H230
350	100	5	H1H2H235
400	120	5	H1H2H240
500	100	5	H1H2H250
600	100	5	H1H2H260
800	100	5	H1H2H280
1000	50	5	H1H2H299



M 3/8" - F 3/8"

LENGTH mm.			CODE
150	200	5	H1M2H215
200	100	5	H1M2H220
250	100	5	H1M2H225
300	100	5	H1M2H230
350	100	5	H1M2H235
400	120	5	H1M2H240
500	100	5	H1M2H250
600	100	5	H1M2H260
800	100	5	H1M2H280
1000	50	5	H1M2H299



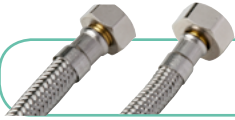
F 1/2" - F 1/2"

LENGTH mm.			CODE
150	200	5	H1H3H315
200	100	5	H1H3H320
250	100	5	H1H3H325
300	100	5	H1H3H330
350	100	5	H1H3H335
400	120	5	H1H3H340
500	100	5	H1H3H350
600	100	5	H1H3H360
800	100	5	H1H3H380
1000	50	5	H1H3H399




M 1/2" - F 1/2"

LENGTH mm.			CODE
150	200	5	H1M3H315
200	100	5	H1M3H320
250	100	5	H1M3H325
300	100	5	H1M3H330
350	100	5	H1M3H335
400	120	5	H1M3H340
500	100	5	H1M3H350
600	100	5	H1M3H360
800	100	5	H1M3H380
1000	50	5	H1M3H399




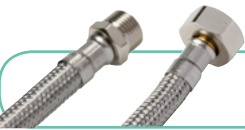
F 3/8" - F 1/2"

LENGTH mm.			CODE
150	200	5	H1H2H315
200	100	5	H1H2H320
250	100	5	H1H2H325
300	100	5	H1H2H330
350	100	5	H1H2H335
400	120	5	H1H2H340
500	100	5	H1H2H350
600	100	5	H1H2H360
800	100	5	H1H2H380
1000	50	5	H1H2H399




M 1/2" - F 3/8"

LENGTH mm.			CODE
150	200	5	H1M3H215
200	100	5	H1M3H220
250	100	5	H1M3H225
300	100	5	H1M3H230
350	100	5	H1M3H235
400	120	5	H1M3H240
500	100	5	H1M3H250
600	100	5	H1M3H260
800	100	5	H1M3H280
1000	50	5	H1M3H299




M 3/8" - F 1/2"

LENGTH mm.			CODE
150	200	5	H1M2H315
200	100	5	H1M2H320
250	100	5	H1M2H325
300	100	5	H1M2H330
350	100	5	H1M2H335
400	120	5	H1M2H340
500	100	5	H1M2H350
600	100	5	H1M2H360
800	100	5	H1M2H380
1000	50	5	H1M2H399




F 3/8" - M 10x1 L17

LENGTH mm.			CODE
300	100	5	H1H21130
400	120	5	H1H21140
500	100	5	H1H21150



F 3/8" - M 10x1 L37

LENGTH mm.			CODE
300	100	5	H1H21330
400	120	5	H1H21340
500	100	5	H1H21350

DN 13

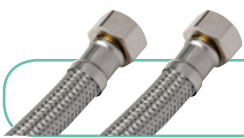
STAINLESS STEEL BRAIDED FLEXIBLE CONNECTOR FOR WATER HEATER AND AIR CONDITIONING

EPDM rubber inner tube – ACS certified.
 Stainless steel braid AISI 304.
 Stainless steel ferrules AISI 304.
 Nickel plated brass fittings.
 EPDM rubber washers incorporated.
 According to EN 13618.
 CSTBat certified product.

Inner diameter: 13 mm.
 Outer diameter: 17 mm.
 Fitting inner diameter: 10 mm.
 Flow rate: 70 l./min.
 Minimum bending radius: 45 mm.
 Working pressure: 10 bar.
 Maximum working temperature: 90° C.
 Suitable for drinking water.

Applications:

Water heaters, water tanks, solar panels, air conditioning, washing machines.



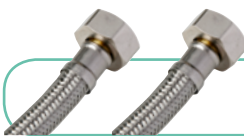
F 1/2" - F 1/2"

LENGTH mm.			CODE
200	60	5	H2H3H320
250	50	5	H2H3H325
300	60	5	H2H3H330
350	50	5	H2H3H335
400	70	5	H2H3H340
500	50	5	H2H3H350
600	50	5	H2H3H360
800	50	5	H2H3H380
1000	50	5	H2H3H399



M 1/2" - F 1/2"

LENGTH mm.			CODE
200	60	5	H2M3H320
250	50	5	H2M3H325
300	60	5	H2M3H330
350	50	5	H2M3H335
400	70	5	H2M3H340
500	50	5	H2M3H350
600	50	5	H2M3H360
800	50	5	H2M3H380
1000	50	5	H2M3H399



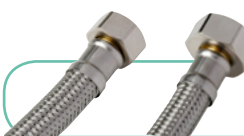
F 3/4" - F 3/4"

LENGTH mm.			CODE
200	50	5	H2H4H420
250	50	5	H2H4H425
300	60	5	H2H4H430
350	50	5	H2H4H435
400	60	5	H2H4H440
500	50	5	H2H4H450
600	50	5	H2H4H460
800	50	5	H2H4H480
1000	50	5	H2H4H499



M 3/4" - F 3/4"

LENGTH mm.			CODE
200	50	5	H2M4H420
250	50	5	H2M4H425
300	60	5	H2M4H430
350	50	5	H2M4H435
400	60	5	H2M4H440
500	50	5	H2M4H450
600	50	5	H2M4H460
800	50	5	H2M4H480
1000	50	5	H2M4H499



F 1/2" - F 3/4"

LENGTH mm.			CODE
250	50	5	H2H3H425
300	60	5	H2H3H430
350	50	5	H2H3H435
400	60	5	H2H3H440
500	50	5	H2H3H450



M 1/2" - F 3/4"

LENGTH mm.			CODE
250	50	5	H2M3H425
300	60	5	H2M3H430
350	50	5	H2M3H435
400	60	5	H2M3H440
500	50	5	H2M3H450

DN 19-50

STAINLESS STEEL BRAIDED FLEXIBLE CONNECTOR FOR WATER METERS AND PRESSURE METERS

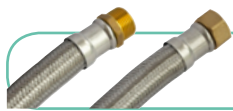
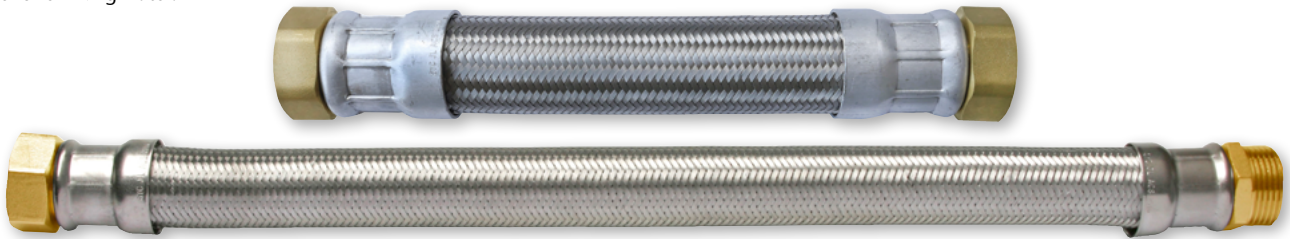
EPDM rubber inner tube – ACS certified.
 Stainless steel braid AISI 304.
 Stainless steel ferrules AISI 304 (3/4" and 1").
 Aluminium ferrules (1 1/4" to 2").
 Nickel plated brass fittings.
 EPDM rubber washers.

Working pressure: 16 bar.

Maximum working temperature: 90° C.
 Suitable for drinking water.

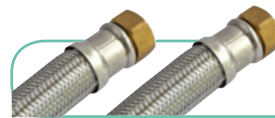
Applications:

Water meters, pressure meters, water pumps, air conditioning, industrial applications.



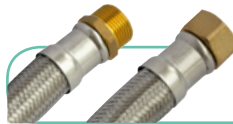
M 3/4" - F 3/4"

FEATURES	LENGTH mm.		CODE
Inner diameter: 19 mm. Outer diameter: 27 mm. Fitting inner diameter: 15 mm. Flow rate: 120 l./min. Minimum bending radius: 80 mm.	300	25 5	H3M4H430
	400	25 5	H3M4H440
	500	25 5	H3M4H450
	600	25 5	H3M4H460
	800	25 5	H3M4H480
	1000	25 5	H3M4H499



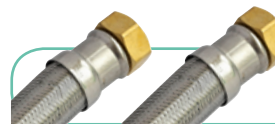
F 3/4" - F 3/4"

FEATURES	LENGTH mm.		CODE
Inner diameter: 19 mm. Outer diameter: 27 mm. Fitting inner diameter: 15 mm. Caudal nominal: 120 l./min. Minimum bending radius: 80 mm.	300	25 5	H3H4H430
	400	25 5	H3H4H440
	500	25 5	H3H4H450
	600	25 5	H3H4H460
	800	25 5	H3H4H480
	1000	25 5	H3H4H499



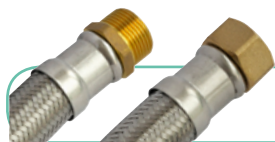
M 1" - F 1"

FEATURES	LENGTH mm.		CODE
Inner diameter: 25 mm. Outer diameter: 33 mm. Fitting inner diameter: 20 mm. Flow rate: 200 l./min. Minimum bending radius: 100 mm.	300	25 5	H3M5H530
	400	25 5	H3M5H540
	500	25 5	H3M5H550
	600	15 5	H3M5H560
	800	15 5	H3M5H580
	1000	10 5	H3M5H599



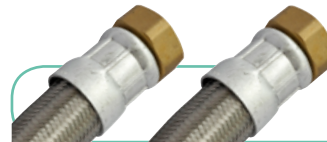
F 1" - F 1"

FEATURES	LENGTH mm.		CODE
Inner diameter: 25 mm. Outer diameter: 33 mm. Fitting inner diameter: 20 mm. Caudal nominal: 200 l./min. Minimum bending radius: 100 mm.	300	25 5	H3H5H530
	400	25 5	H3H5H540
	500	25 5	H3H5H550
	600	15 5	H3H5H560
	800	15 5	H3H5H580
	1000	10 5	H3H5H599



M 1 1/4" - F 1 1/4"

FEATURES	LENGTH mm.		CODE
Inner diameter: 30 mm. Outer diameter: 43 mm. Fitting inner diameter: 25 mm. Flow rate: 200 l./min. Minimum bending radius: 100 mm.	300	15 5	H3M6H630
	400	10 5	H3M6H640
	500	10 5	H3M6H650
	600	10 5	H3M6H660
	800	10 5	H3M6H680
	1000	10 5	H3M6H699




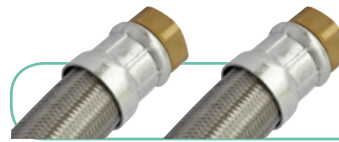
F 1 1/4" - F 1 1/4"

FEATURES	LENGTH mm.		CODE
Inner diameter: 30 mm. Outer diameter: 43 mm. Fitting inner diameter: 25 mm. Caudal nominal: 400 l./min. Minimum bending radius: 190 mm.	300	15 5	H3H6H630
	400	10 5	H3H6H640
	500	10 5	H3H6H650
	600	10 5	H3H6H660
	800	10 5	H3H6H680
	1000	10 5	H3H6H699




M 1 1/2" - F 1 1/2"

FEATURES	LENGTH mm.		CODE
Inner diameter: 40 mm. Outer diameter: 53 mm. Fitting inner diameter: 32 mm. Flow rate: 700 l./min. Minimum bending radius: 230 mm.	300	15 5	H3M7H730
	400	10 5	H3M7H740
	500	10 5	H3M7H750
	600	5 5	H3M7H760
	800	5 5	H3M7H780
	1000	5 5	H3M7H799




F 1 1/2" - F 1 1/2"

FEATURES	LENGTH mm.		CODE
Inner diameter: 40 mm. Outer diameter: 53 mm. Fitting inner diameter: 32 mm. Flow rate: 700 l./min. Minimum bending radius: 230 mm.	300	15 5	H3H7H730
	400	10 5	H3H7H740
	500	10 5	H3H7H750
	600	5 5	H3H7H760
	800	5 5	H3H7H780
	1000	5 5	H3H7H799




M 2" - F 2"

FEATURES	LENGTH mm.		CODE
Inner diameter: 50 mm. Outer diameter: 63 mm. Fitting inner diameter: 40 mm. Flow rate: 1.050 l./min. Minimum bending radius: 300 mm.	300	10 5	H3M8H830
	400	10 5	H3M8H840
	500	10 5	H3M8H850
	600	5 5	H3M8H860
	800	5 5	H3M8H880
	1000	5 5	H3M8H899



F 2" - F 2"

FEATURES	LENGTH mm.		CODE
Inner diameter: 50 mm. Outer diameter: 63 mm. Fitting inner diameter: 40 mm. Flow rate: 1050 l./min. Minimum bending radius: 300 mm.	300	10 5	H3H8H830
	400	10 5	H3H8H840
	500	10 5	H3H8H850
	600	5 5	H3H8H860
	800	5 5	H3H8H880
	1000	5 5	H3H8H899




M 1" - ELBOW F 1"


FEATURES	LENGTH mm.		CODE
Inner diameter: 25 mm. Outer diameter: 33 mm. Fitting inner diameter: 20 mm. Flow rate: 200 l./min. Minimum bending radius: 100 mm.	600	15 5	H3M5C560
	800	15 5	H3M5C580



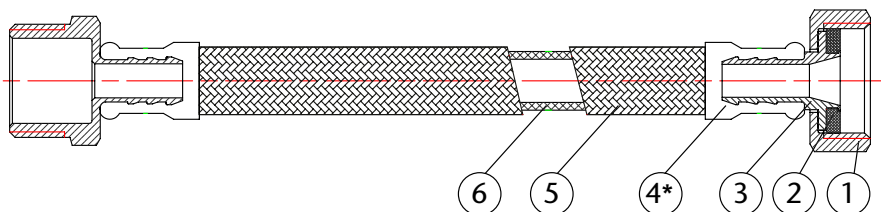
M 1 1/4" - ELBOW F 1 1/4"

FEATURES	LENGTH mm.		CODE
Inner diameter: 30 mm. Outer diameter: 43 mm. Fitting inner diameter: 25 mm. Flow rate: 400 l./min. Minimum bending radius: 190 mm.	600	10 5	H3M6C660
	800	10 5	H3M6C680



Ø		CODE
3/8"	50	HJ000002
1/2" - DN 8	50	HJ000003
1/2" - DN 13	50	HJ000033
3/4"	50	HJ000004
1"	50	HJ000005
1 1/4"	10	HJ000006
1 1/2"	10	HJ000007
2"	10	HJ000008

MATERIALS

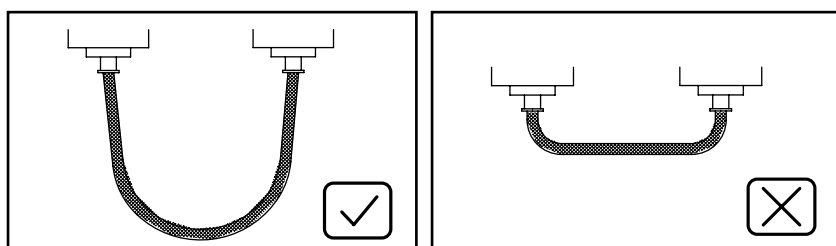


1. Nickel plated brass.
2. EPDM rubber.
3. Brass.
4. Stainless steel AISI 304.
* Aluminium for sizes from 1 1/4" to 2".
5. Stainless steel AISI 304.
6. EPDM.

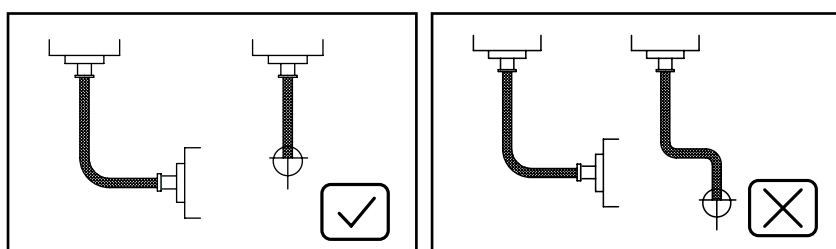
RECOMMENDATIONS FOR INSTALLATION

Before using the flexible connector, verify that the product is under perfect conditions.

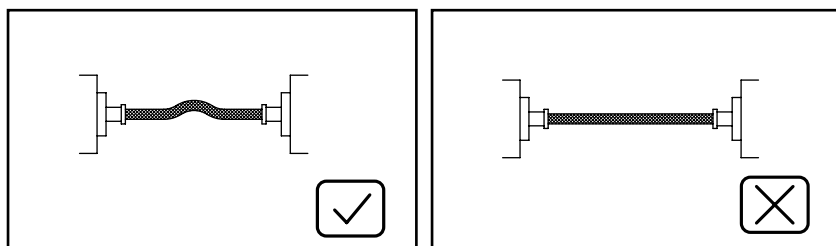
The flexible connectors must be installed visible. They do not have to go through the wall.



Respect the minimum bending radius for each diameter.



Ensure that the flexible connector is not twisted.



Allow extra length to avoid any tension.

The responsibility of the manufacturer is excluded in case of not respecting the recommendations of installation.



ATUSA GRUPO EMPRESARIAL S.A.

Polígono Industrial ATUSA - Agurain
01200 SALVATIERRA - Álava - **ESPAÑA**

Tel. +34 945180000

export@atusagroup.com

www.atusagroup.com