

Ball Valves & Taps



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Available from B&G Cleaning Systems Call
0808 163 7983

Low Pressure Ball Valves



Plated Brass - 10 Bar

Part No.	Thread
400-1090	1/4" MF
400-1091	3/8" MF
400-1092	1/2" MF

- Max temp 80°C
- Nickel & chromium plated ball
- PTFE ball seats



Plated Brass - 10 Bar

Part No.	Thread
400-1110	1/4" FF
400-1111	3/8" FF
400-1112	1/2" FF

- Max temp 80°C
- Nickel & chromium plated ball
- PTFE ball seats



Plated Brass - 25 to 32 Bar

Part No.	Thread	Bar
400-1072	3/8" MF	32
400-1073	1/2" MF	25
400-1074	3/4" MF	25
400-1075	1" MF	25

- Max temp 80°C
- Nickel & chromium plated ball
- PTFE ball seats



Plated Brass - 25 to 32 Bar

Part No.	Thread	Bar
400-1001	1/4" F	32
400-1002	3/8" F	32
400-1003	1/2" F	25
400-1004	3/4" F	25
400-1005	1" F	25

- Max temp 80°C
- Nickel & chromium plated ball
- PTFE ball seats



Plated Brass - 20 to 32 Bar

Part No.	Thread	Bar
400-1010	3/8" MF	32
400-1011	1/2" MF	25
400-1012	3/4" MF	25
400-1013	1" MF	25
400-1014	1 1/4" MF	20
400-1015	1 1/2" MF	20
400-1016	2" MF	20

- Max temp 80°C
- Nickel & chromium plated ball
- PTFE ball seats



Plated Brass - 20 to 32 Bar

Part No.	Thread	Bar
400-1100	1/4" F	32
400-1101	3/8" F	32
400-1102	1/2" F	25
400-1103	3/4" F	25
400-1104	1" F	25
400-1105	1 1/4" F	20
400-1106	1 1/2" F	20
400-1107	2" F	20

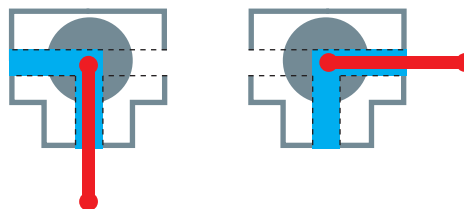
- Max temp 80°C
- Nickel & chromium plated ball
- PTFE ball seats



Part No.	Thread	Bar
400-1093	1/4" F	40
400-1094	3/8" F	40
400-1032	1/2" F	32
400-1033	3/4" F	25
400-1034	1" F	25
400-1035	1 1/4" F	20
400-1036	1 1/2" F	20
400-1037	2" F	20

Plated Brass - 3 Way L Port - 20 to 40 Bar

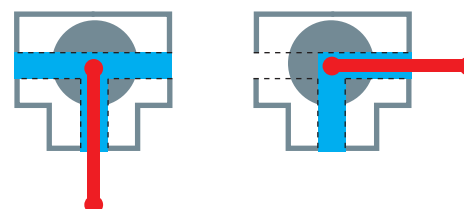
- Max temp 80°C
- Nickel & chromium plated ball
- PTFE ball seats



Part No.	Thread	Bar
400-1040	1/4" F	40
400-1041	3/8" F	40
400-1042	1/2" F	32
400-1043	3/4" F	25
400-1044	1" F	25
400-1045	1 1/4" F	20
400-1046	1 1/2" F	20
400-1047	2" F	20

Plated Brass - 3 Way T Port - 20 to 40 Bar

- Max temp 80°C
- Nickel & chromium plated ball
- PTFE ball seats



Ball Valves & Taps

AISI 316 Stainless Steel - 69 Bar

Part No.	Thread
FBV04	1/4"
FBV06	3/8"
FBV08	1/2"
FBV12	3/4"
FBV16	1"
FBV20	1 1/4"
FBV24	1 1/2"
FBV32	2"



- AISI 316 stainless steel
- -20° to 100°C working temperature
- 2 piece construction
- Full bore ports

Plated Brass - 10 Bar

Part No.	Thread
400-1021	3/4" F x M

- PTFE seats & seals



Plated Brass - 40 Bar

Part No.	Thread
8306000	3/4" F
8306001	1/2" M

- Hard chrome plated brass ball
- Teflon® (PTFE) ball & shaft seals
- 60°C max temperature



Stainless Steel Mini Ball Valves

- AISI316 stainless steel construction
- Compact aluminium handle
- Viton seals
- PTFE seats & washer
- 225°C max temperature
- BSP parallel threads



Mini Ball Valves - 68 Bar

Part No.	Thread BSPF	Thread BSPM
RBV04	1/4"	1/4"
RBV06	3/8"	3/8"
RBV08	1/2"	1/2"
RBV12	3/4"	3/4"
RBV16	1"	1"



Mini Ball Valves - 68 Bar

Part No.	Thread BSPM	Thread BSPF
MFRBV04	1/4"	1/4"
MFRBV06	3/8"	3/8"
MFRBV08	1/2"	1/2"
MFRBV12	3/4"	3/4"
MFRBV16	1"	1"



High Pressure Ball Valves

Plated Brass - 210 Bar

Part No.	Thread
EFF2321N203	3/8" F
EFF2321N204	1/2" F

- Acetyl seats & viton seals
- Max temp 80°C



2 Way Ball Valve - 350 to 500 Bar

Part No.	Thread	Bar
400-1200	1/4" F	500
400-1201	3/8" F	500
400-1202	1/2" F	500
400-1203	3/4" F	400
400-1204	1" F	350

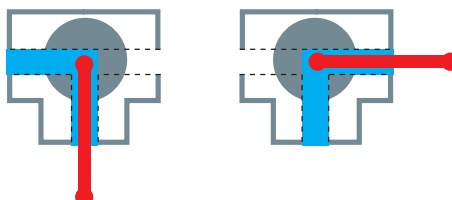
- Carbon steel body
- POM seats & NBR seals
- Max temp 100°C



3 Way Ball Valve - L Port - 350 to 400 Bar

Part No.	Thread	Bar
400-1210	1/4" F	400
400-1211	3/8" F	400
400-1212	1/2" F	350
400-1213	3/4" F	350
400-1214	1" F	350

- Carbon steel body
- POM seats & NBR seals



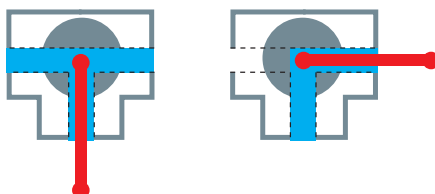
- Max temp 100°C



3 Way Ball Valve - T Port - 350 to 400 Bar

Part No.	Thread	Bar
400-1220	1/4" F	400
400-1221	3/8" F	400
400-1222	1/2" F	350
400-1223	3/4" F	350
400-1224	1" F	350

- Carbon steel body
- POM seats & NBR seals



- Max temp 100°C



Taps & Manifolds

Taps & Manifolds

3 Way Manifold - Plated Brass



Part No.
400-1080

- 1 x 3/4" female thread
- 3 x 3/4" male thread
- Independent & adjustable flows
- Max press 10 bar
- PTFE seats & seals

2 Way Manifold - Plated Brass



Part No.
400-1081

- Independent & adjustable flows
- Garden hose connections
- Max press 10 bar
- PTFE seats & seals

2 Way Manifold - Plated Brass



Part No.
400-1082

- 3/4" female thread
- Garden hose connections
- Independent & adjustable flows
- Max press 10 bar
- PTFE seats & seals

2 Way Manifold - Plated Brass



Part No.
400-1083

- 1 x 3/4" female thread
- 2 x 3/4" male thread
- Independent & adjustable flows
- Max press 10 bar
- PTFE seats & seals

Garden Tap - Plated Brass



Part No.
400-1024

- 1 x 1/2" male inlet
- 1 x 3/4" male outlet with valve
- 1 x garden hose connection
- Max press 10 bar
- PTFE seats & seals

Garden Tap - Plated Brass



Part No.
400-1022

- 1/2" male inlet
- Garden hose connection
- Max press 10 bar
- PTFE seats & seals

Taps & Manifolds

Ball Valve Taps

Part No.	Threads
8365007	1/2" M x 1/2" M
8365008	3/4" M x 3/4" M

- Polyethylene & ABS construction
- Max temp 20°C
- Max press 5 bar



Ball Valve Taps

Part No.	Thread	Barb Ø
8365003	1/2" M	13mm
8365004	1/2" M	16mm
8365005	3/4" M	13mm
8365006	3/4" M	16mm

- Polyethylene & ABS construction
- Max temp 20°C
- Max press 5 bar



Ball Valve Taps

Part No.	Barb Ø
8365009	10mm x 10mm
8365010	13mm x 13mm
8365011	16mm x 16mm

- Polyethylene & ABS construction
- Max temp 20°C
- Max press 5 bar



Barrel Tap

Part No.
8365000

- 3/4" BSP threaded body
- 8mm dia spigot
- Flow of 4 Lpm @ 250mm head
- Polyethylene body & EPDM seals



Barrel Tap

Part No.
8365001

- 3/4" BSP threaded body
- 18mm dia spigot
- Flow of 18 Lpm @ 250mm head
- Polyethylene body & EPDM seals



Barrel Tap

Part No.
8365002

- 3/4" BSP threaded body
- 18mm dia spigot
- Flow of 4 Lpm @ 250mm head
- Polyethylene body & EPDM seals



Ball Valve Tap

Part No.	Thread	Barb Ø
8361002	1" M	30 mm

- Copolymer reinforced polypropylene construction
- Polyethylene gasket
- NBR o-rings



2 Way Tap Connector

Part No.
500-1048

- 1 x 3/4" female thread
- 2 x 3/4" male thread
- Brass construction
- Max press 10 bar



Brass Gate Valve - 16 Bar

Part No.	Threads
400-1050	1/4" F
400-1051	3/8" F
400-1052	1/2" F
400-1053	3/4" F
400-1054	1" F
400-1055	1 1/4" F
400-1056	1 1/2" F
400-1057	2" F

- Max temperature 80°C



Single Shut-off Tap

Part No.
SHS-035

- ABS construction
- Buna-N seals
- 3/4" M x F garden hose threads



Dual Shut-off Tap

Part No.
DHS-235

- ABS construction
- Buna-N seals
- 3/4" M x F garden hose threads



3 Branch Connector

Part No.
CON-375

- ABS construction
- Buna-N seals
- 3/4" M x F garden hose threads



Plastic Ball Valves

SMC Valve Part Number Configuration - 2 Way

● SMC valves are available with a choice of body & seal materials. Materials must be stated when ordering.
Configuration = Part Number + Seal Material + Body Material e.g. 226-2F2F-B-PP

Seal options: B = Buna E = EPDM V = Viton
Body options: PP = Polypropylene PV = PVC NY = Nylon

2 Way - Male Threads



Part No.	Connections
226-2M2M	2 x 1/8" M NPT
226-4M4M	2 x 1/4" M NPT

- Max press 8.5 Bar
- Max temp 60°C

2 Way - Male Threads



Part No.	Connections
250-8M8M	2 x 1/2" M NPT
250-12M12M	2 x 3/4" M NPT

- Max press 8.5 Bar
- Max temp 60°C
- Nylon body not available

2 Way - Female Threads



Part No.	Connections
226-2F2F	2 x 1/8" F NPT
226-4F4F	2 x 1/4" F NPT

- Max press 8.5 Bar
- Max temp 60°C

2 Way - Female Threads



Part No.	Connections
250-4F4F	2 x 1/4" F NPT
250-8F8F	2 x 1/2" F NPT
275-12F12F	2 x 3/4" F NPT

- Max press 8.5 Bar
- Max temp 60°C
- Nylon body not available

2 Way - Female x Male Threads



Part No.	Connections
226-2F2M	2 x 1/8" F NPT
226-4F4M	2 x 1/4" F NPT

- Max press 8.5 Bar
- Max temp 60°C

2 Way - Female x Male Threads



Part No.	Connections
250-8F8M	1/2" F NPT x 1/2" M NPT
250-12F12M	3/4" F NPT x 3/4" M NPT

- Max press 8.5 Bar
- Max temp 60°C
- Nylon body not available

2 Way - Hose Barbs



Part No.	Connections
226-4B4B	1/4" B x 1/4" B
226-6B6B	3/8" B x 3/8" B
226-8B8B	1/2" B x 1/2" B

- Max press 8.5 Bar
- Max temp 60°C

2 Way - Hose Barbs



Part No.	Connections
250-6B6B	3/8" B x 3/8" B
250-8B8B	1/2" B x 1/2" B
250-12B12B	3/4" B x 3/4" B

- Max press 8.5 Bar
- Max temp 60°C
- Nylon body not available

2 Way - John Guest



Part No.	Connections
226-4JG4JG	2 x 1/4" JG
226-6JG6JG	2 x 3/8" JG

- Compression Connections
- Max press 8.5 Bar
- Max temp 60°C

Plastic Ball Valves

SMC Valve Part Number Configuration - 3 Way

- SMC valves are available with a choice of body & seal materials. Materials must be stated when ordering.

Configuration = Part Number + Seal Material + Body Material e.g. 226-2F2F-B-PP

Seal options: B = Buna E = EPDM V = Viton

Body options: PP = Polypropylene PV = PVC NY = Nylon

3 Way - Male Threads

Part No.	Connections
326-2M2M2M	3 x 1/8" M NPT
326-4M4M4M	3 x 1/4" M NPT

- Max press 8.5 Bar
- Max temp 60°C



3 Way - Male Threads

Part No.	Connections
350-8M8M8M	3 x 1/2" M NPT
350-12M12M12M	3 x 3/4" M NPT
351-8M8M8M	3 x 1/2" M NPT
351-12M12M12M	3 x 3/4" M NPT

350 Series has a 180° actuation
351 has a 90° actuation

- Max press 8.5 Bar
- Max temp 60°C
- Nylon body not available



3 Way - Female Threads

Part No.	Connections
326-2F2F2F	3 x 1/8" F NPT
326-4F4F4F	3 x 1/4" F NPT

- Max press 8.5 Bar
- Max temp 60°C



3 Way - Female Threads

Part No.	Connections
350-4F4F4F	3 x 1/4" F NPT
350-8F8F8F	3 x 1/2" F NPT
351-4F4F4F	3 x 1/4" F NPT
351-8F8F8F	3 x 1/2" F NPT

350 Series has a 180° actuation
351 has a 90° actuation

- Max press 8.5 Bar
- Max temp 60°C
- Nylon body not available



3 Way - Hose Barbs

Part No.	Connections
326-4B4B4B	3 x 1/4" B
326-6B6B6B	3 x 3/8" B
326-8B8B8B	3 x 1/2" B

- Max press 8.5 Bar
- Max temp 60°C

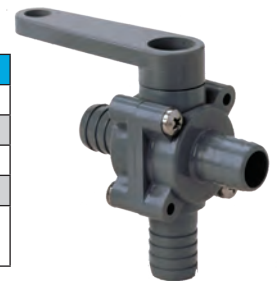


3 Way - Hose Barbs

Part No.	Connections
350-6B6B6B	3 x 3/8" B
350-10B10B10B	3 x 5/8" B
351-6B6B6B	3 x 3/8" B
351-10B10B10B	3 x 5/8" B

350 Series has a 180° actuation
351 has a 90° actuation

- Max press 8.5 Bar
- Max temp 60°C
- Nylon body not available



3 Way - Male x Female Threads

Part No.	Connections
326-2M2F2F	1/8" M x F x F
326-4M4F4F	1/4" M x F x F

- Max press 8.5 Bar
- Max temp 60°C



3 Way - John Guest

Part No.	Connections
326-4JG4JG4JG	3 x 1/4" JG
326-6JG6JG6JG	3 x 3/8" JG

- Compression Connections
- Max press 8.5 Bar
- Max temp 60°C



All 3 way valves are bottom entry. Flow direction is dependent on handle position. Flow can be directed to either LEFT outlet or RIGHT outlet. Flow CAN be turned off. 326 series valves are not available in polypropylene



Polypropylene

Part No.	Threads	Bar
8215102	3/8" F	16
8215153	1/2" F	16
8215203	3/4" F	16
8215253	1" F	16
8215303	1 1/4" F	10
8215353	1 1/2" F	10
8215403	2" F	10

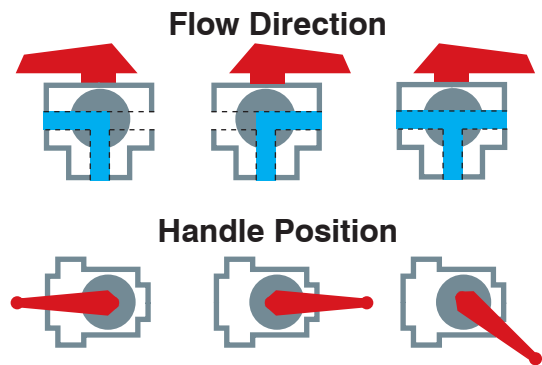
- Max press up to 16 Bar
- Glass reinforced Polypropylene
- EPDM o-rings
- Teflon® (PTFE) ball seats
- 3/8" to 3/4" valves do not have mounting threads



Polypropylene - 3 Way T Port

Part No.	Threads	Bar
8216253	1" F	16
8216257	1" M/F	16
8216308	1 1/4" F	10
8216304	1 1/4" M/F	10
8216358	1 1/2" F	10
8216362	1 1/2" M/F	10
8216410	2" F	10
8216404	2" M/F	10

- Glass reinforced Polypropylene
- EPDM o-rings & seals
- Teflon® (PTFE) ball seats
- 3/8" to 3/4" valves do not have mounting threads



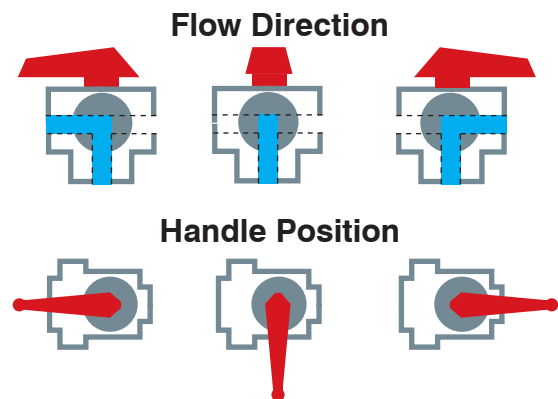
Directional flow R or L
flow CANNOT be turned off



Polypropylene - 3 Way L Port

Part No.	Threads	Bar
8216151	1/2" F	16
8216201	3/4" F	16
8216252	1" F	16
8216256	1" M/F	16
8216307	1 1/4" F	10
8216311	1 1/4" M/F	10
8216357	1 1/2" F	10
8216361	1 1/2" M/F	10
8216407	2" F	10
8216411	2" M/F	10

- Glass reinforced Polypropylene
- EPDM o-rings & seals
- Teflon® (PTFE) ball seats
- 3/8" to 3/4" valves do not have mounting threads



Directional flow R or L
flow CAN be turned off

Banjo Single Union Ball Valves

Female Threads - Full Port

Part No.	Threads	Ball ID
UV050FP	1/2" F NPT	3/4" Full Port
UV075FP	3/4" F NPT	3/4" Full Port
UV100FP	1" F NPT	1" Full Port
UV125FP	1 1/4" F NPT	1 1/2" Full Port
UV150FP	1 1/2" F NPT	1 1/2" Full Port
UV200FP	2" F NPT	2" Full Port

- Max press 7 Bar @ 21°C
- Glass reinforced Polypropylene
- EPDM o-rings
- Teflon® (PTFE) ball seats



Banjo Bolted Ball Valves

- Glass reinforced Polypropylene
- Max pressures measured @ 21°C
- Teflon® (PTFE) ball seats
- Stainless steel fasteners
- Viton o-rings
- Unique compact design

Female Threads



Part No.	Threads	Ball ID	Bar
V050	1/2" F NPT	3/4"	10
V075	3/4" F NPT	3/4"	10
V100	1" F NPT	3/4"	10
V100FP	1" F NPT	1" Full Port	10
V125	1 1/4" F NPT	1"	10
V125FP	1 1/4" F NPT	1 1/2" Full Port	10
V150	1 1/2" F NPT	1 1/2"	10
V200	2" F NPT	1 1/2"	10
V204FP	2" F NPT	2" Full Port	10

Female Threads



Part No.	Threads	Ball ID	Bar
V200FP	2" F NPT	2 1/16" Full Port	10
V200FPB	2" F BSP	2 1/16" Full Port	10
V300	3" F NPT	2 1/2"	7
V300FP	3" F NPT	3" Full Port	7
V300FPB	3" F BSP	3" Full Port	7
V400	4" F NPT	3 1/2"	5

Manifold Ports



Banjo Flanged Fittings
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Part No.	Flanges	Ball ID	Bar
MV100CF	1"	1" Full Port	10
MV200CF	2"	1 1/2"	10
MV220CF	2"	2" Full Port	10
MV300	3"	2 1/2" Full Port	7

Manifold Ports



Banjo Flanged Fittings
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Part No.	Flanges	Ball ID	Bar
MV300CF	3"	3" Full Port	7

Male Adaptor x Male Thread



Part No.	Ports	Ball ID	Bar
VFMT200FP	2" M NPT Thread x 2" Adaptor	2" Full Port	10

Male Adaptor x Male Thread



Part No.	Ports	Ball ID	Bar
VFMT204FP	2" M NPT Thread x 2" Adaptor	2" Full Port	10

Banjo Bolted Ball Valves

- Glass reinforced Polypropylene
- Max pressures measured @ 21°C
- Teflon® (PTFE) ball seats
- Stainless steel fasteners
- Viton o-rings
- Unique compact design



2" M Adaptor x 2" Ansi Flange

Part No.	Ports	Ball ID	Bar
VSF200FPAF	2" M Adaptor	2" Full Port	7
Gaskets for Valves			
AF200G	2" Gasket EPDM	n/a	n/a
AF200GV	2" Gasket Viton	n/a	n/a



2" M Thread x 2" Ansi Flange

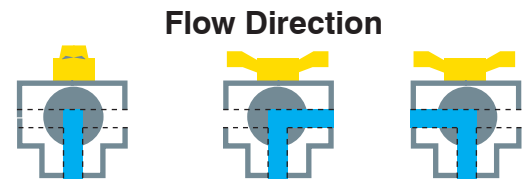
Part No.	Thread	Ball ID	Bar
VSMT200FPAF	2" M NPT	2"	7
Gaskets for Valves			
AF200G	2" Gasket EPDM	n/a	n/a
AF200GV	2" Gasket Viton	n/a	n/a



3 Way - L Port - Female Threads

Part No.	Threads	Ball ID	Bar
V075BL	3/4" F NPT	1"	7
V100BL	1" F NPT	1"	7
V125BL450	1 1/4" F NPT	1 1/2"	7
V150BL	1 1/2" F NPT	1 1/2"	7
V200BL*	2" F NPT	2"	7

* Long handle



Flow Direction



3 Way - L Port - Manifold Ports

Part No.	Flanges	Ball ID	Bar
MV100BL	1"	1"	7
MV200BL	2"	1 1/2"	7
MV220BL	2"	2" Full Port	7
MV300BL	3"	3" Full Port	7



Handle Position

Directional flow right or left
flow CAN be turned off



3 Way - T Port - Female Threads

Part No.	Threads	Ball ID	Bar
V075SL	3/4" F NPT	1"	7
V100SL	1" F NPT	1"	7
V125SL	1 1/4" F NPT	1 1/2"	7
V150SL	1 1/2" F NPT	1 1/2"	7
V200SL*	2" F NPT	2"	7

* Long handle



Flow Direction & Handle Position

Directional flow right or left
flow CANNOT be turned off



3 Way - T Port - Manifold Ports

Part No.	Flanges	Ball ID	Bar
MV100SL	1"	1"	7
MV200SL	2"	1 1/2"	7
MV220SL	2"	2" Full Port	7



5 Way - L Port - Manifold Ports

Part No.	Flanges	Ball ID	Bar
MV225CF	2"	2" Full Port	10

Directional flow,
valve CANNOT be turned off

Optional Port Outlets for 5 Way Valve

Part No.	Flange
9901-V10578A	1"
9901-V20578A	1 1/2"
9901-V25578A	2"



Banjo Flanged
Fittings
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Banjo "Stubby Valves"™

- Glass reinforced Polypropylene
- Max press 7 Bar @ 21°C

- Teflon® (PTFE) ball seats
- Stainless steel fasteners

- Viton o-rings
- Unique compact design

2" Adaptor x F Thread



Part No.	Thread	Ball ID
VSF200	2" F NPT	1 1/2"
VSF204FP	2" F NPT	2"

Part No. Suffix FP = Full Ported

2" Adaptor x M Thread



Part No.	Thread	Ball ID
VSFMT200	2" M NPT	1 1/2"
VSFMT204FP	2" M NPT	2"

Part No. Suffix FP = Full Ported

3" Adaptor x F Thread



Part No.	Thread	Ball ID
VSF300	3" F NPT	2 1/2"

3" Adaptor x M Thread



Part No.	Thread	Ball ID
VSFMT300S	3" M NPT	2 1/2"
VSFMT300FP	3" M NPT	3"

Part No. Suffix FP = Full Ported

2" M Thread x F Thread



Part No.	Threads	Ball ID
VSMT204FP	2" M NPT x 2" F NPT	2"

Part No. Suffix FP = Full Ported

2" F Thread x F Thread



Part No.	Threads	Ball ID
VS204FP	2" F NPT x 2" F NPT	2"

Part No. Suffix FP = Full Ported

2" F Thread x M Thread



Part No.	Threads	Ball ID
VSMT200	2" M NPT x 2" F NPT	1 1/2"

2" Adaptor x IBC Buttress Thread



Part No.	Buttress Thread
VSF211	S75 x 6 female

- Max press 1.4 Bar @ 21°C
- Zinc alloy swivel ring
- Santoprene gasket
- For Schutz & Clawson IBC

2" Adaptor x IBC Buttress Thread with Dust Cap

Part No.	Buttress Thread
F-ISO11	S60 x 6 female

- Max press 1.4 Bar @ 21°C
- Zinc alloy swivel ring - supplied with gasket
- Complete with dust cap and lanyard
- Santoprene gasket
- Suitable for Greif IBC



Accessories for Banjo Bolted Ball Valves



Lock not included

Locking Kit

Part No.	Suitable for Ball Valves
9901-VL20153	V125FP, V150 & V200

- AISI 304 stainless steel fasteners & mounting brackets
- **IMPORTANT:** handle can be locked in open or closed position



Lock not included

Locking Handle

Part No.	Suitable for Ball Valves
9901-VL25153	V200FP, V300, V300FP, V300FPB, V400, VFMT200FP, VFMT200FPH

- AISI 304 stainless steel fasteners & mounting brackets



Straight Mounting Bracket

Part No.	Suitable for Ball Valves
9901-V10270	V100FP, V125
9901-V25270	V150, V200, V200FP, V300, V300FP, V300FPB, V400, VFMT200FP

- AISI 316 stainless steel fasteners & mounting brackets



90° Mounting Bracket

Part No.	Suitable for Ball Valves
9901-V10271	V100FP, V125
9901-V25271	V150, V200, V200FP, V300, V300FP, V300FPB, V400, VFMT200FP

- AISI 316 stainless steel fasteners & mounting brackets

Pneumatic Shut-Off Valves



Air Actuated Shut-off Valves - Polypropylene

Part No.	Ports	Bladder
9901-PV100	1" F NPT	EPDM
9901-PV100V	1" F NPT	Viton

The Banjo air shut-off valve is a normally open valve that closes when air pressure is applied to the internal bladder. Air pressure differential required to close the valve is 15 - 20 PSI. This type of valve is also known as a Pinch valve.

- Maximum fluid pressure 70 PSI
- Air shut-off pressure 15 - 20 PSI
- 1/4" NPTF air inlet ports
- Glass reinforced polypropylene

Banjo LEV Series Electric Valves - 12V DC - On/Off

Threaded Ports		
Part No.	Threads	Speed
9901-LEV038*	3/8" F NPT	1/3 sec
9901-LEV050	1/2" F NPT	1/3 sec
*Full Ported		

Flanged Ports		
Part No.	Flanges	Speed
9901-MLEV100	1"	1/3 sec
9901-MLEV100A*	1"	1/3 sec
*With high torque motor & S/Steel ball		

- Fibreglass reinforced polypropylene body
- TFM seats - EPDM seals
- 12V DC operated - 3 wire
- Standard current draw <0.04 Amps
- Opening current draw <0.4 Amps
- Stall current 0.75 Amps
- 13.7 Bar max pressure @ 21°C
- Integrated mounting slots



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Flanged Ports

Banjo 5 Way Electric Ball Valve - Bottom Load - 12V DC - Directional

Flanged Ports		
Part No.	Flanges	Speed
9901-MEV225CF	2"	3 sec

- Full ported
- AISI316 stainless steel ball & stem
- Stainless steel hardware
- Fibreglass reinforced polypropylene
- PTFE seats - Viton o-rings
- 12V DC operated - 3 Amp - 3 wire
- 10 Bar max pressure @ 21°C
- Internally fused/auto reset
- Directional flow, valve CANNOT be turned off



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Optional Port Outlets for 5 Way Valve

Part No.	Flange
9901-V10578A	1"
9901-V20578A	1 1/2"
9901-V25578A	2"





- Up to 35% smaller actuator/valve
- Many communication protocols including On/Off, regulating, CAN/ISO BUS and PWM pulse-width modulation.
- Bluetooth®* or wired communications.
- Diagnostic options include cycle counts, voltage and temperature.
- 12V DC standard. 24-volt available.
- IP68 waterproof
- -29 to 65°C operating
- -55 to 105°C storage
- Actuator rated to 500,000 cycles
- 100G's shock rating
- Proprietary polypropylene formulation ensures durability and enables injection moulding to precision tolerances
- Welded construction supports sleek, compact valve design while eliminating a leak point
- Valve rated to 50,000 cycles leak-free
- Hollow stainless steel ball lessens weight and maintains valve performance
- Polypropylene balls available.
- Bottom-located threaded inserts provide versatile mounting solution
- Female NPT and manifold flange connections offer plumbing options
- Banks of 1" & 2" EVX units available

Banjo EVX Series 2 Way Ball Valves - On/Off or Regulating - 12V DC

Threaded Ports					
Part No.	Valve Type	Threads	Thru flow size	Speed	Max Bar*
9901-EVX100	On/Off	1"	1" Full Port	3/4 sec	20.7
9901-EVX125		1 1/4"	1"	3/4 sec	20.7
9901-EVX150		1 1/2"	1 1/2" Full Port	3/4 sec	20.7
9901-EVX200		2"	1 1/2"	1.5 sec	20.7
9901-EVX220		2"	2" Full Port	1.5 sec	17.2
9901-EVX300		3"	3" Full Port	3 sec	10.3
9901-EVXR100	Regulating	1"	1" Full Port	4 sec	20.7
9901-EVXR125		1 1/4"	1"	4 sec	20.7
9901-EVXR150		1 1/2"	1 1/2" Full Port	4 sec	20.7
9901-EVXR200		2"	1 1/2"	4 sec	20.7
9901-EVXR220		2"	2" Full Port	4 sec	17.2
9901-EVXR300		3"	3" Full Port	4 sec	10.3

* max pressure is dependent on fluid temperature, see user manual

Flanged Ports					
Part No.	Valve Type	Flanges	Thru flow size	Speed	Max Bar*
9901-MEVX100	On/Off	1"	1" Full Port	3/4 sec	20.7
9901-MEVX200		2"	1 1/2"	1.5 sec	20.7
9901-MEVX220		2"	2" Full Port	1.5 sec	17.2
9901-MEVX300		3"	3" Full Port	3 sec	10.3
9901-MEVXR100	Regulating	1"	1" Full Port	4 sec	20.7
9901-MEVXR200		2"	1 1/2"	4 sec	20.7
9901-MEVXR220		2"	2" Full Port	4 sec	17.2
9901-MEVXR300		3"	3" Full Port	4 sec	10.3

* max pressure is dependent on fluid temperature, see user manual

- 12V DC operated (24V available)
- Fibreglass reinforced polypropylene body
- AISI316 stainless steel ball & stem
- Stainless steel hardware
- PTFE seats - FKM seals
- On/Off valves, 3 wire
- Regulating Valves, 4 wire
- Open/closed indicator
- IP68 waterproof
- -29 to 65°C operating temperature



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Banjo EVX Series 3 Way Ball Valves - Bottom or Side Load - Directional



Bottom Load



Side Load

Flanged Ports					
Part No.	Valve Type	Flanges	Thru flow size	Speed	Max Bar*
9901-MEVX100BL	Bottom Load	1"	1" Full Port	3/4 sec	20.7
9901-MEVX200BL		2"	1 1/2"	1.5 sec	17.2
9901-MEVX220BL		2"	2" Full Port	1.5 sec	8.6
9901-MEVX300BL		3"	3" Full Port	3 sec	13.7
9901-MEVX100SL	Side Load	1"	1" Full Port	3/4 sec	20.7
9901-MEVX200SL		2"	1 1/2"	1.5 sec	17.2
9901-MEVX220SL		2"	2" Full Port	1.5 sec	8.6

* max pressure is dependent on fluid temperature, see user manual

- 12V DC operated (24V available)
- Fibreglass reinforced polypropylene body
- AISI316 stainless steel ball & stem
- Stainless steel hardware
- PTFE seats - FKM seals
- 3 wire
- Open/closed indicator
- IP68 waterproof
- -29 to 65°C operating temperature



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