8070T

Isolation Drain Valve

Feature

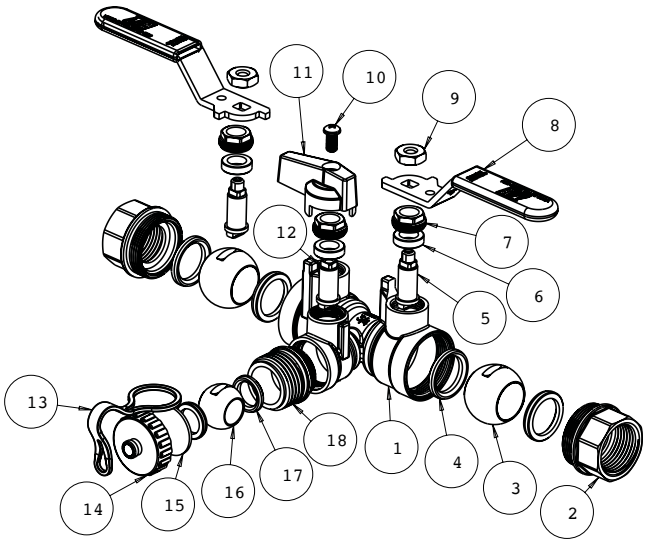
600# WOG
DZR lead free brass body
Full port design
Chrome plated ball
Double ball valve body for isolation
High flow hose drains with cap and chain
Adjustable packing gland
FNPT connections
Virgin PTFE seats
Blow-out proof stem

DZR Dezincification Resistant

Working conditions:
Water: from 15°F to 260°F
below 32°F only for water with added antifreezing fluids
over 212°F only for water with added anti-boiling fluids

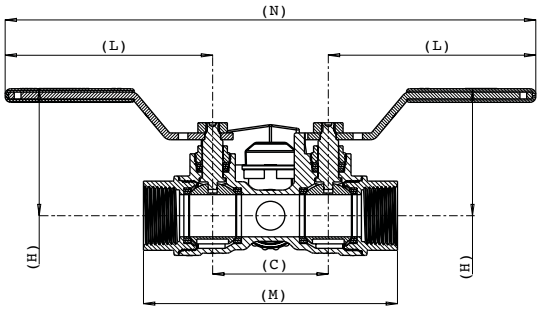
Material

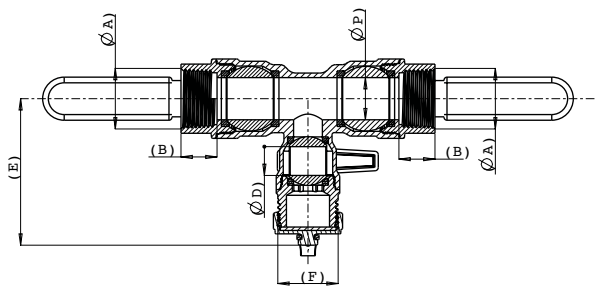
	Part	Material	Specification
1	Body	DZR Lead Free Brass	ASTM B927 C27453
2	Fixed end	DZR Lead Free Brass	ASTM B927 C27453
3	Ball	LF Brass / Cr plated	ASTM B927 C27450
4	Seat	PTFE	-
5	Stem	DZR Lead Free Brass	ASTM B927 C27453
6	Packing ring	PTFE	-
7	Packing nut	Brass	ASTM B124 C37700
8	Handle	Steel / Dacromet® plated	ASTM A36
9	Nut	Steel / Zn plated	ASTM A36
10	Screw	Steel / Zn plated	ASTM A36
11	Handle	Aluminum	ASTM B85
12	Stem	DZR Lead Free Brass	ASTM B927 C27453
13	Tie	Rubber	-
14	Drain cap	Brass	ASTM B283 C37700
15	Drain cap gasket	EPDM Perox	NSF approved
16	Ball	LF Brass / Cr plated	ASTM B927 C27450
17	Seat	PTFE	-
18	Fixed end	DZR Lead Free Brass	ASTM B927 C27453



Dimension, Weight

Size	φA [in]	B [in]	C [in]	φD [in]	E [in]	F [in]	H [in]	L [in]	M [in]	N [in]	φP [in]	Wt. [lb]
¾"	¾ - 14NPT	0.63	2.01	0.50	2.54	¾-11.5NH	2.20	3.60	4.41	9.21	0.73	1.58
1"	1 - 11.5NPT	0.75	2.13	0.50	2.54	¾-11.5NH	2.57	4.98	5.09	12.1	0.98	2.46
1¼"	1¼ - 11.5NPT	0.77	2.72	0.73	3.02	¾-11.5NH	2.74	4.98	6.02	12.7	1.23	3.10





WARNING: This product can expose you to chemicals including lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

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8070S

Isolation Drain Valve

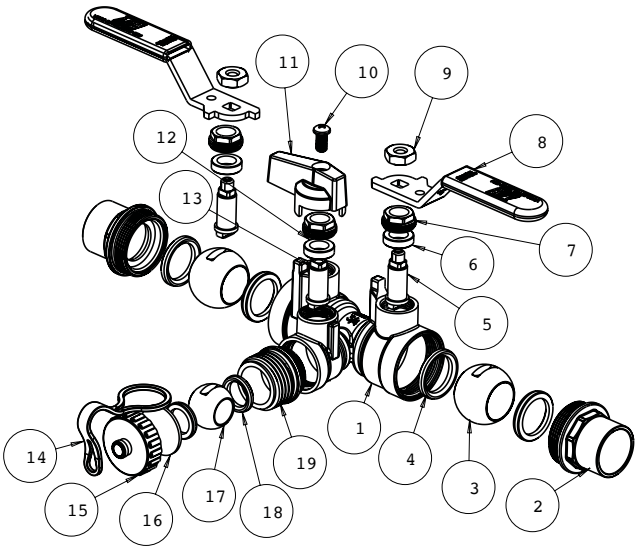
Feature

600# WOG
DZR lead free brass body
Full port design
Chrome plated ball
Double ball valve body for isolation
High flow hose drains with cap and chain
Adjustable packing gland
Solder connections
Virgin PTFE seats
Blow-out proof stem

Working conditions:
Water: from 15°F to 260°F
below 32°F only for water with added antifreezing fluids
over 212°F only for water with added anti-boiling fluids

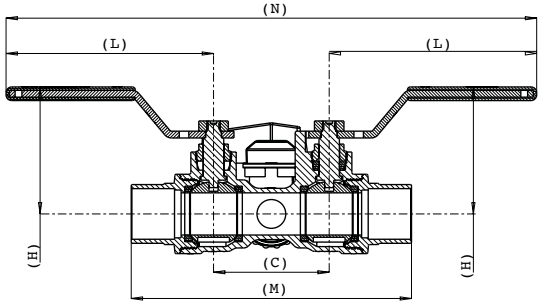
Material

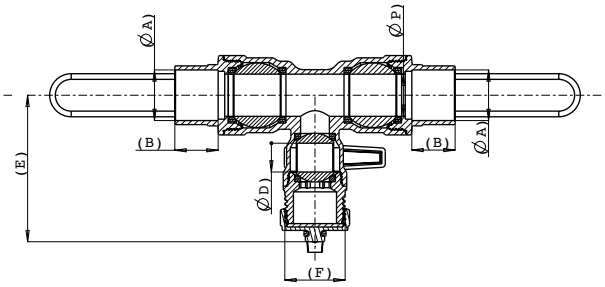
	Part	Material	Specification
1	Body	DZR Lead Free Brass	ASTM B927 C27453
2	Fixed end	DZR Lead Free Brass	ASTM B927 C27453
3	Ball	LF Brass / Cr plated	ASTM B927 C27450
4	Seat	PTFE	-
5	Stem	DZR Lead Free Brass	ASTM B927 C27453
6	Packing ring	PTFE	TF1502
7	Packing nut	Brass	ASTM B124 C37700
8	Handle	Steel / Dacromet® plated	ASTM A36
9	Nut	Steel / Zn plated	ASTM A36
10	Screw	Steel / Zn plated	ASTM A36
11	Handle	Aluminum	ASTM B85
12	Packing ring	PTFE	-
13	Stem	DZR Lead Free Brass	ASTM B927 C27453
14	Tie	Rubber	-
15	Drain cap	Brass	ASTM B283 C37700
16	Drain cap gasket	EPDM Perox	NSF approved
17	Ball	LF Brass / Cr plated	ASTM B927 C27450
18	Seat	PTFE	-
19	Fixed end	DZR Lead Free Brass	ASTM B927 C27453



Dimension, Weight

Size	φA [in]	B [in]	C [in]	φD [in]	E [in]	F [in]	H [in]	L [in]	M [in]	N [in]	φP [in]	Wt. [lb]
¾"	0.877 - 0.881	0.75	2.01	0.50	2.54	¾-11.5NH	2.20	3.60	4.87	9.21	0.73	1.55
1"	1.128 - 1.131	0.91	2.13	0.50	2.54	¾-11.5NH	2.57	4.98	5.62	12.1	0.98	2.37
1¼"	1.377 - 1.381	0.98	2.72	0.73	3.02	¾-11.5NH	2.74	4.98	6.55	12.7	1.23	2.92





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8070P

Isolation Drain Valve

Feature

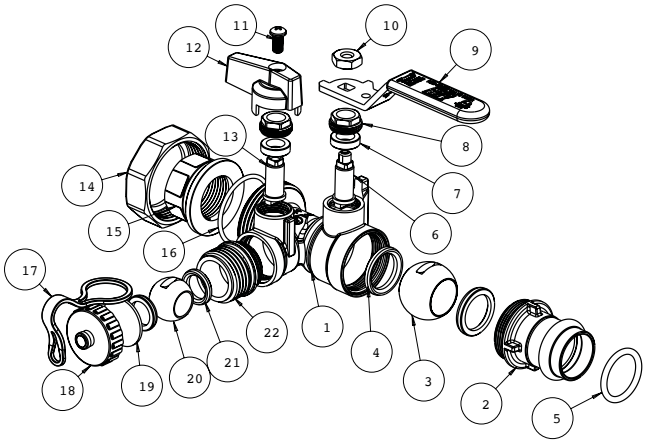
250# WOG
DZR lead free brass body
Full port design
Chrome plated ball
Double ball valve body for isolation
High flow hose drains with cap and chain
Adjustable packing gland
EzPress connections
Virgin PTFE seats
Blow-out proof stem

DZR Dezincification Resistant

Working conditions:
Water: from 15°F to 260°F
below 32°F only for water with added antifreezing fluids
over 212°F only for water with added anti-boiling fluids

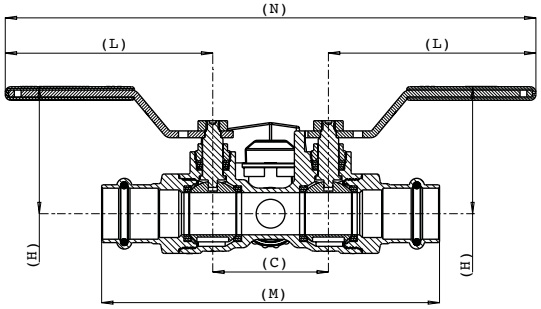
Material

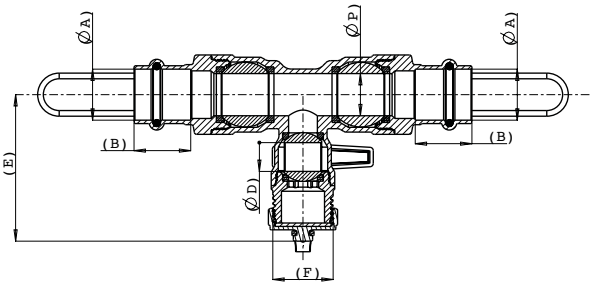
	Part	Material	Specification
1	Body	DZR Lead Free Brass	ASTM B927 C27453
2	Fixed end	DZR Lead Free Brass	ASTM B927 C27453
3	Ball	LF Brass / Cr plated	ASTM B927 C27450
4	Seat	PTFE	-
5	Stem	DZR Lead Free Brass	ASTM B927 C27453
6	Packing ring	PTFE	-
7	Packing nut	Brass	ASTM B124 C37700
8	Handle	Steel / Dacromet® plated	ASTM A36
9	Nut	Steel / Zn plated	ASTM A36
10	Screw	Steel / Zn plated	ASTM A36
11	Handle	Aluminum	ASTM B85
12	Stem	DZR Lead Free Brass	ASTM B927 C27453
13	Tie	Rubber	-
14	Drain cap	Brass	ASTM B283 C37700
15	Drain cap gasket	EPDM Perox	NSF approved
16	Ball	LF Brass / Cr plated	ASTM B927 C27450
17	Seat	PTFE	-
18	Fixed end	DZR Lead Free Brass	ASTM B927 C27453
19	O-ring	EPDM Perox 70SH	NSF approved



Dimension, Weight

Size	φA [in]	B [in]	C [in]	φD [in]	E [in]	F [in]	H [in]	L [in]	M [in]	N [in]	φP [in]	Wt. [lb]
¾"	0.89	0.98	2.01	0.50	2.54	¾-11.5NH	2.20	3.60	5.87	9.21	0.73	1.64
1"	1.14	1.06	2.13	0.50	2.54	¾-11.5NH	2.57	4.98	6.32	12.1	0.98	2.43
1¼"	1.39	1.06	2.72	0.73	3.02	¾-11.5NH	2.74	4.98	7.13	12.7	1.23	3.00





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