8040S

TEE Drain Valve

Feature

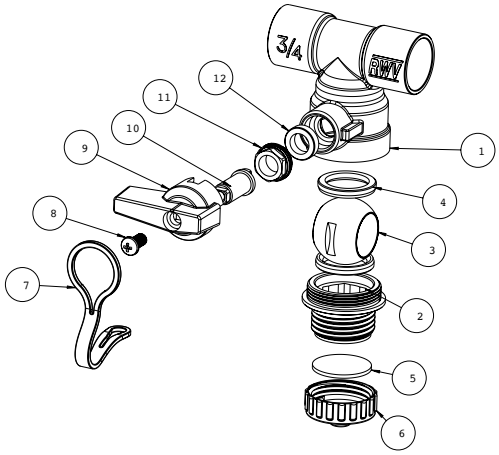
600# WOG
DZR lead free brass body
Full port design
Chrome plated ball
High flow hose drain with cap and chain
Adjustable packing gland
Solder connections
Virgin PTFE seats
Blow-out proof stem

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



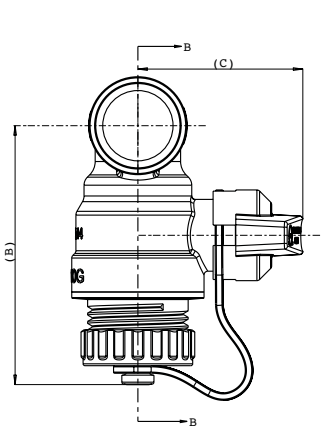
Material

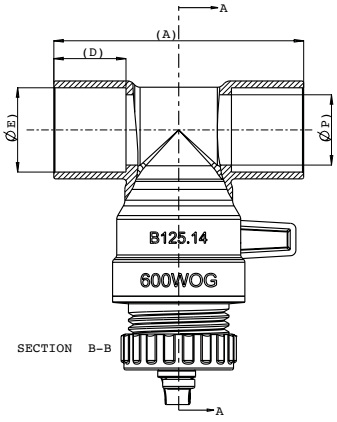
	Part	Material	Specification
1	Body	DZR Lead Free Brass	ASTM B927 C27453
2	Fixed end	DZR Lead Free Brass	ASTM B927 C27453
3	Ball	LF Brass / Cr plated	ASTM B927 C27450
4	Seat	PTFE	-
5	Drain cap gasket	EPDM Perox	NSF approved
6	Drain cap	Brass	ASTM B283 C37700
7	Tie	Rubber	-
8	Screw	Steel / Zn plated	ASTM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

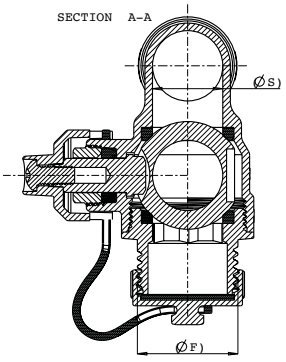


Dimension, Weight

Size	A [in]	B [in]	C [in]	D [in]	φE [in]	φP [in]	φS [in]	φF [in]	Wt. [lb]
½"	1.77	2.37	1.58	0.51	0.627-0.631	0.50	0.50	¾-11.5NH	0.46
¾"	2.60	2.69	1.72	0.76	0.877-0.881	0.73	0.73	¾-11.5NH	0.65
1"	2.81	2.82	1.72	0.92	1.128-1.131	0.98	0.73	¾-11.5NH	0.74
1¼"	3.18	2.95	1.72	0.98	1.378-1.381	1.23	0.73	¾-11.5NH	0.83
1½"	3.35	3.07	1.72	1.09	1.628-1.632	1.46	0.73	¾-11.5NH	1.01
2"	3.78	3.35	1.72	1.34	2.128-2.132	1.95	0.73	¾-11.5NH	1.19







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.

Drawings, photos and data are provided for information only and subject to change without notice. No part of this document may be reproduced, copied, modified or adapted, without the prior written consent of the copyright owner, unless otherwise indicated.

© 2025 RED-WHITE VALVE CORP. All Rights Reserved

8040T

TEE Drain Valve

Feature

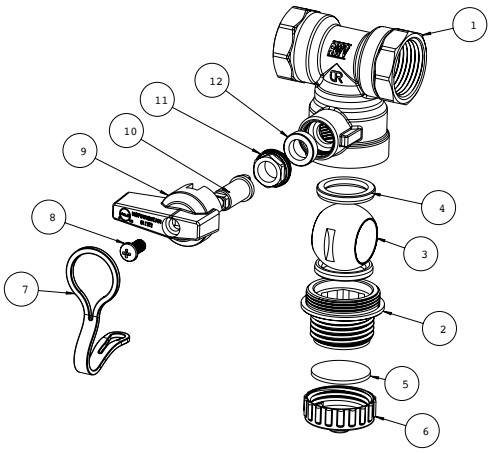
600# WOG
DZR lead free brass body
Full port design
Chrome plated ball
High flow hose drain with cap and chain
Adjustable packing gland
FNPT connections
Virgin PTFE seats
Blow-out proof stem

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



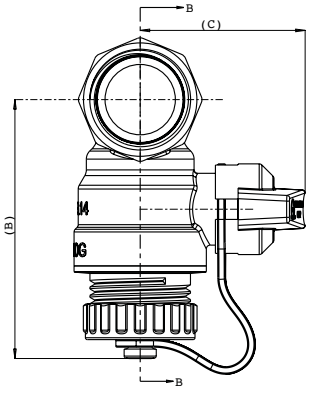
Material

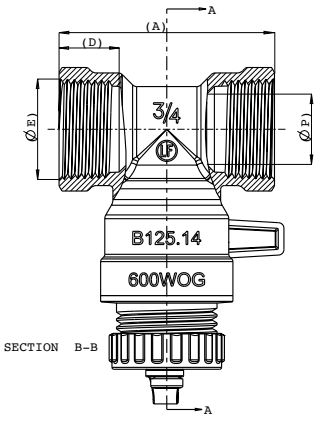
	Part	Material	Specification
1	Body	DZR Lead Free Brass	ASTM B927 C27453
2	Fixed end	DZR Lead Free Brass	ASTM B927 C27453
3	Ball	LF Brass / Cr plated	ASTM B927 C27450
4	Seat	PTFE	-
5	Drain cap gasket	EPDM Perox	NSF approved
6	Drain cap	Brass	ASTM B283 C37700
7	Tie	Rubber	-
8	Screw	Steel / Zn plated	ASTM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

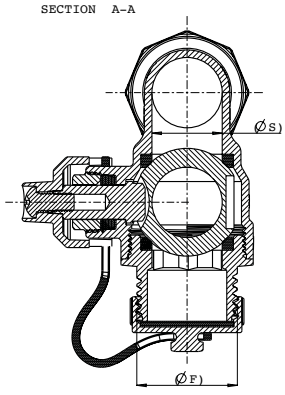


Dimension, Weight

Size	A [in]	B [in]	C [in]	D [in]	φE [in]	φP [in]	φS [in]	φF [in]	Wt. [lb]
½"	1.96	2.37	1.58	0.61	½ - 14NPT	0.50	0.50	¾-11.5NH	0.53
¾"	2.24	2.69	1.72	0.63	¾ - 14NPT	0.73	0.73	¾-11.5NH	0.71
1"	2.42	2.82	1.72	0.75	1 - 11.5NPT	0.98	0.73	¾-11.5NH	0.84
1¼"	3.11	2.95	1.72	0.77	1¼ - 11.5NPT	1.23	0.73	¾-11.5NH	1.13
1½"	3.11	3.07	1.72	0.81	1½ - 11.5NPT	1.46	0.73	¾-11.5NH	1.27
2"	3.11	3.35	1.72	0.81	2 - 11.5NPT	1.95	0.73	¾-11.5NH	1.60







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.

Drawings, photos and data are provided for information only and subject to change without notice. No part of this document may be reproduced, copied, modified or adapted, without the prior written consent of the copyright owner, unless otherwise indicated.

© 2025 RED-WHITE VALVE CORP. All Rights Reserved

8040P

TEE Drain Valve

Feature

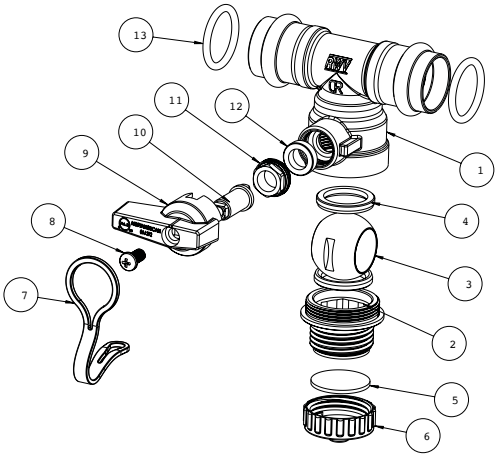
250# WOG
DZR lead free brass body
Full port design
Chrome plated ball
High flow hose drain with cap and chain
Adjustable packing gland
EzPress® connections
Virgin PTFE seats
Blow-out proof stem

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



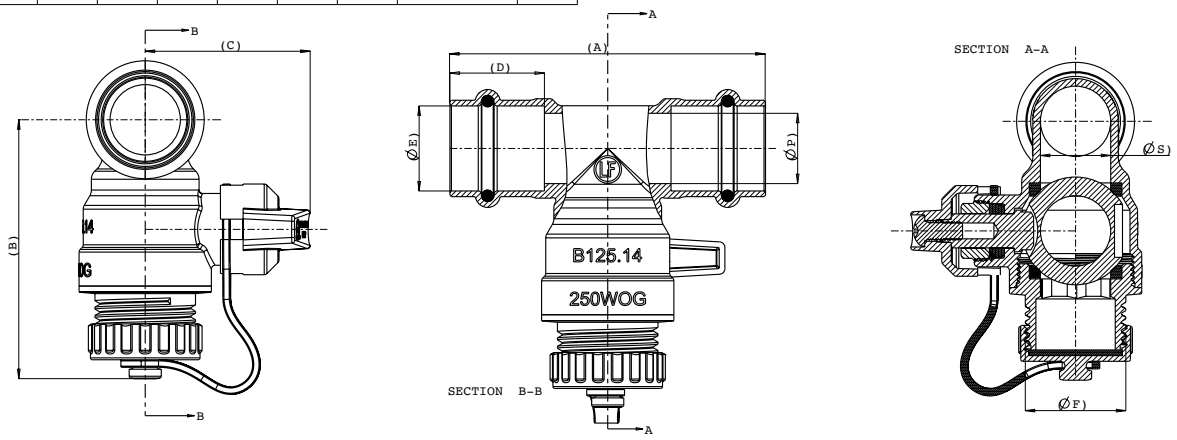
Material

	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	Drain cap gasket	EPDM Perox	NSF approved
6	Drain cap	Brass	ASTM B283 C37700
7	Tie	Rubber	-
8	Screw	Steel / Zn plated	ASTM A36
9	Handle	Aluminum	ASTM B85
10	Stem	DZR Brass	ASTM B927 C27453
11	Packing nut	Brass	ASTM B124 C37700
12	Packing ring	PTFE	-
13	O-ring	EPDM Perox 70SH	NSF approved



Dimension, Weight

Size	A [in]	B [in]	C [in]	D [in]	φE [in]	φP [in]	φS [in]	φF [in]	Wt. [lb]
½"	2.63	2.37	1.58	0.87	0.64	0.50	0.50	¾-11.5NH	0.50
¾"	3.28	2.69	1.72	0.98	0.89	0.73	0.73	¾-11.5NH	0.71
1"	3.41	2.82	1.72	1.06	1.14	0.98	0.73	¾-11.5NH	0.78
1¼"	3.73	2.95	1.72	1.06	1.39	1.23	0.73	¾-11.5NH	0.90
1½"	3.90	3.07	1.72	1.26	1.64	1.46	0.73	¾-11.5NH	1.13
2"	4.29	3.35	1.72	1.52	2.14	1.95	0.73	¾-11.5NH	1.34



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.

Drawings, photos and data are provided for information only and subject to change without notice. No part of this document may be reproduced, copied, modified or adapted, without the prior written consent of the copyright owner, unless otherwise indicated.

© 2025 RED-WHITE VALVE CORP. All Rights Reserved

8040E

TEE Drain Valve

Feature

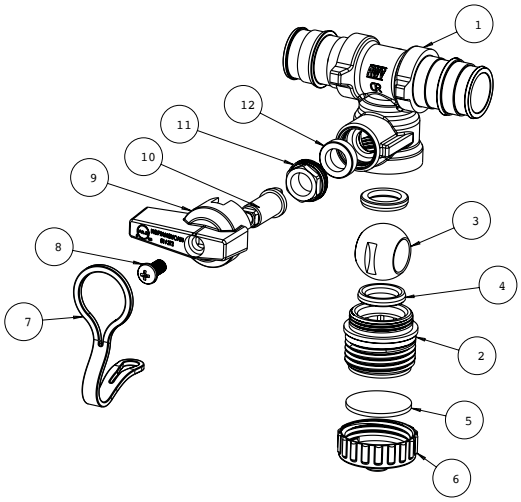
400# WOG
DZR lead free brass body
Full port design
Chrome plated ball
High flow hose drain with cap and chain
Adjustable packing gland
PEX (F1960) connections
Virgin PTFE seats
Blow-out proof stem

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



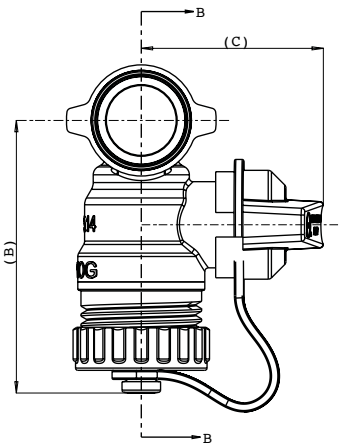
Material

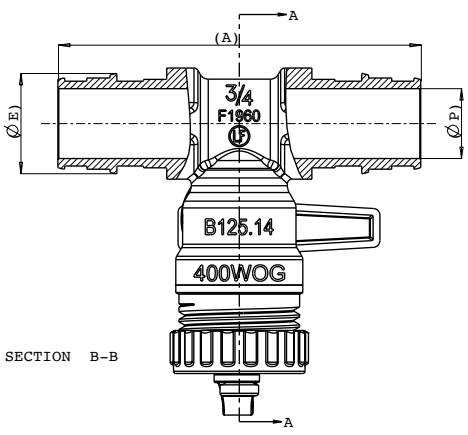
	Part	Material	Specification
1	Body	DZR Lead Free Brass	ASTM B30 C87850
2	Fixed end	DZR Lead Free Brass	ASTM B927 C27453
3	Ball	LF Brass / Cr plated	ASTM B927 C27450
4	Seat	PTFE	-
5	Drain cap gasket	EPDM Perox	NSF approved
6	Drain cap	Brass	ASTM B283 C37700
7	Tie	Rubber	-
8	Screw	Steel / Zn plated	ASTM A36
9	Handle	Aluminum	ASTM B85
10	Stem	DZR Brass	ASTM B927 C27453
11	Packing nut	Brass	ASTM B124 C37700
12	Packing ring	PTFE	-

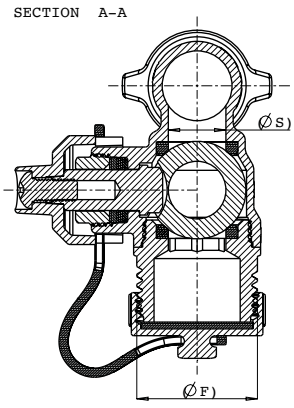


Dimension, Weight

Size	A [in]	B [in]	C [in]	φE [in]	φP [in]	φS [in]	φF [in]	Wt. [lb]
½"	2.44	2.37	1.58	PEX F1960	0.39	0.39	¾-11.5NH	0.49
¾"	3.15	2.37	1.58	PEX F1960	0.61	0.50	¾-11.5NH	0.60
1"	3.67	2.70	1.72	PEX F1960	0.81	0.73	¾-11.5NH	0.82
1¼"	4.26	2.95	1.72	PEX F1960	0.96	0.73	¾-11.5NH	1.14







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.

Drawings, photos and data are provided for information only and subject to change without notice. No part of this document may be reproduced, copied, modified or adapted, without the prior written consent of the copyright owner, unless otherwise indicated.

© 2025 RED-WHITE VALVE CORP. All Rights Reserved