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Red-White Valve Corp.

9800 series

DZR Brass Regulation Ball Valve with Actuator Mounting Pad

Description

DZR brass regulation ball valve with actuator mounting pad Available for following versions:

• 2-way, threaded F x F (ASME B1.20.1 - NPT)

• 3-way mixing, threaded F x F x F (ASME B1.20.1 - NPT) (available upon request with ISO 7/1 Rp threads) Actuator connection according ISO 5211 F04-□0.35in Characteristic control curve according VDI 2173 Linear characteristic on bypass according VDI 2173 (3-way only) Blow-out proof stem

600WOG Maximum differential pressure 50psi

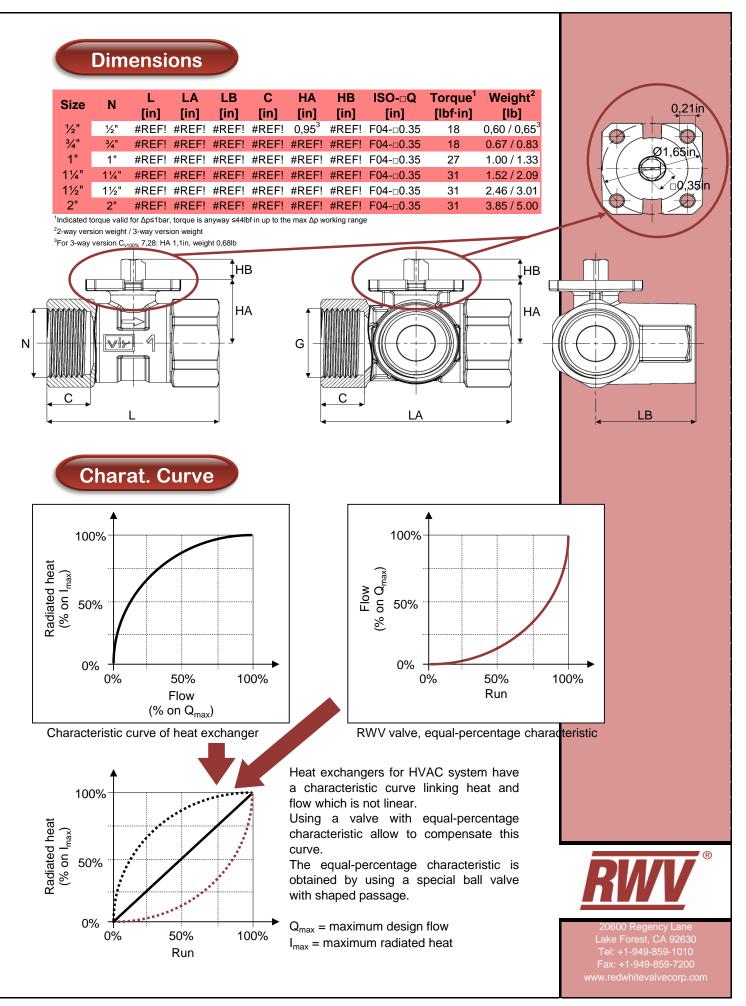
Working conditions

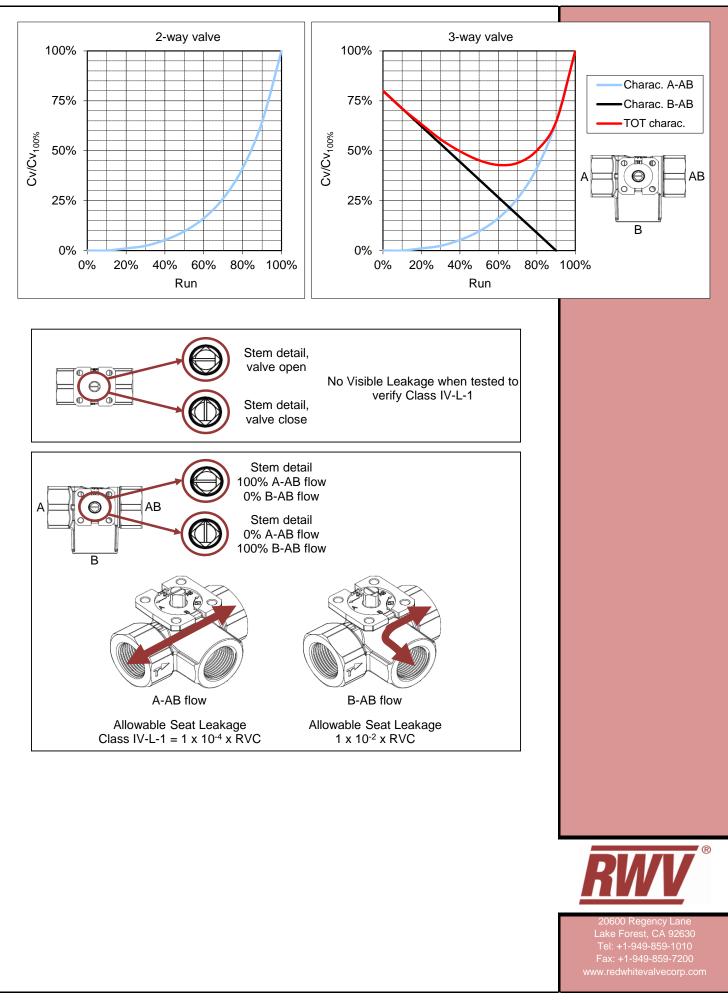
 Water: from 15°F to 260°F below 32°F only for water with added antifreezing fluid over 212°F only for water with added anti-boiling fluid (Ethylene-Glycolic and propylene-glycolic mix >20% and ≤50% may be used)

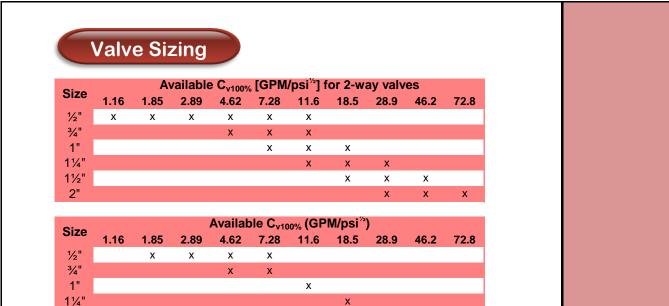
Parts List

Ν.	Description	Material	Standard	
1	Tail piece	DZR Brass	UNS C35330	
2	Seat O-ring	EPDM Perox	-	
4	Seat	PTFE ¹	-	
4	Ball	Chrome pl. DZR Brass	UNS C35330	
5	Body	DZR Brass	UNS C35330	$\overline{\mathbf{r}}$ (7)
6	Stem	DZR Brass	UNS C35330	6
7	Antifriction ring	Bronze filled PTFE	-	
8	Stem O-ring +10% carbon fiber for 2-wa	EPDM Perox	-	5

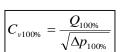
160114







¹By-pass flow only 60% of flow on the main port



11/2"

2"

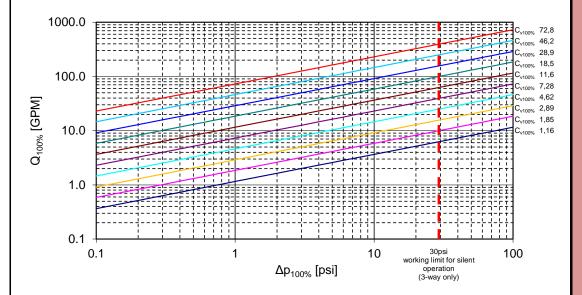
Calculate $C_{v100\%}$ theoretically required based on maximum design flow ($Q_{100\%}$ in GPM) and design pressure drop ($\Delta p_{100\%}$ in psi) at valve completely opened.

х

 \mathbf{x}^1

х

Select the closest available $C_{\nu100\%}$ on table below compatible with used pipe size.





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