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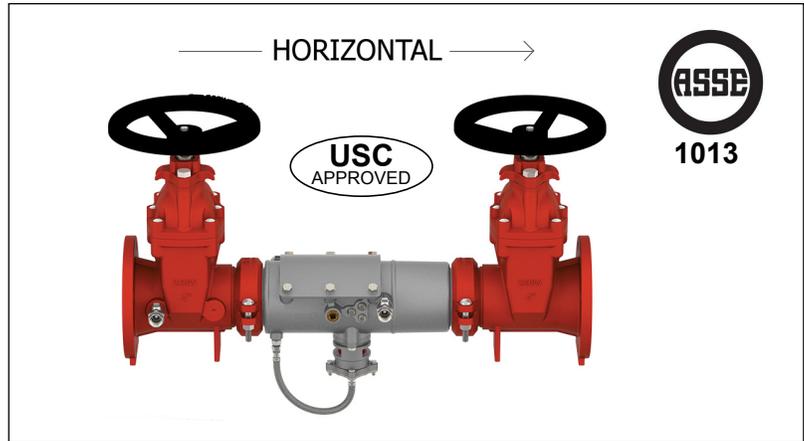
# Barracuda 40

# REDUCED PRESSURE VALVE (FRP)

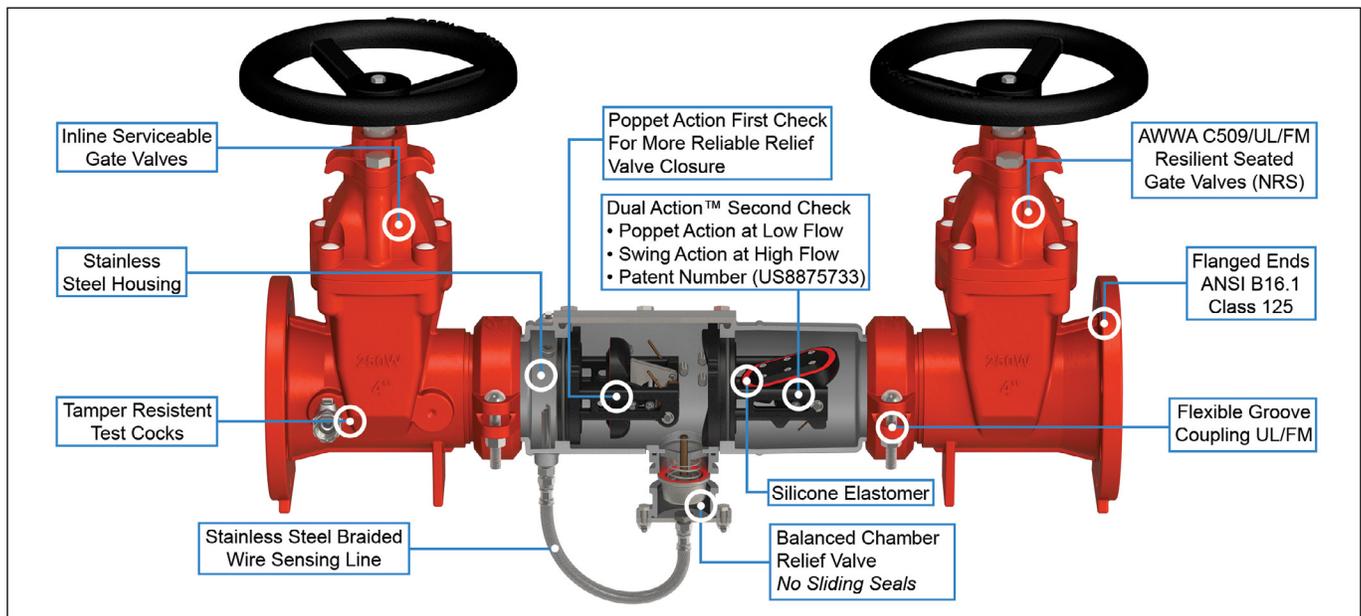


**Function:** The BEECO® Series Barracuda 40 REDUCED PRESSURE VALVE Backflow Prevention Valve prevents non-health hazard pollutants and hazardous contaminants from entering a potable water supply system when backpressure and/or backsiphonage conditions occur. This product is designed for the waterwork, plumbing, and irrigation markets only.

- Sizes:** 2½", 3", 4", 6"(x), 8"
- Working Pressure:** 10-175psi (0.7-12.1 bar)
- Temperature Range:** 33°-140°F (1°-60°C)
- Flanged Ends:** ANSI B16.1 Class 125
- Lead Free: Patents:** 0.25% Maximum by Weight



**Specification:** The Barracuda Reduce Pressure (RP) valve shall utilize two independent Dual Action Check modules and two integral resiliently seated shut-off valves all of which shall be contained within a single rigid valve housing constructed entirely of 304 stainless steel. Dual Action Check modules shall operate as a "poppet style" check under low flow conditions, operate as a "swing style" check under high flow conditions and utilize replaceable silicone elastomer sealing discs. Valve assembly shall include two resiliently seated and inline serviceable AWWA C509 gate valves of type non rising stem (NRS). Both gate valves shall include a stainless steel stem. Assembly test cocks shall be handle-less and operate via a tamper resistant actuator. Assembly shall have a single full access service port and cover with an "inline" replaceable elastomer seal. Relief Valve shall operate using only static seals (zero dynamic/sliding seals). All wetted surface Relief Valve components shall be constructed of stainless steel. Assembly shall be serviceable without special tools.



SUFFIX	OPTIONAL VARIATIONS
-BA	Minimum 51% material cost made in the USA
-G	Grooved end connections
-NRS	Non Rising Stem Gate Valve
-OSY	Outside Stem and Yolk Gate Valve
-S	Strainer attached

CALIFORNIA PROPOSITION 65 WARNING. This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

Job Name: \_\_\_\_\_ Page No: \_\_\_\_\_  
 Section No: \_\_\_\_\_ Contractor: \_\_\_\_\_  
 Schedule No: \_\_\_\_\_ Purchase Order No: \_\_\_\_\_

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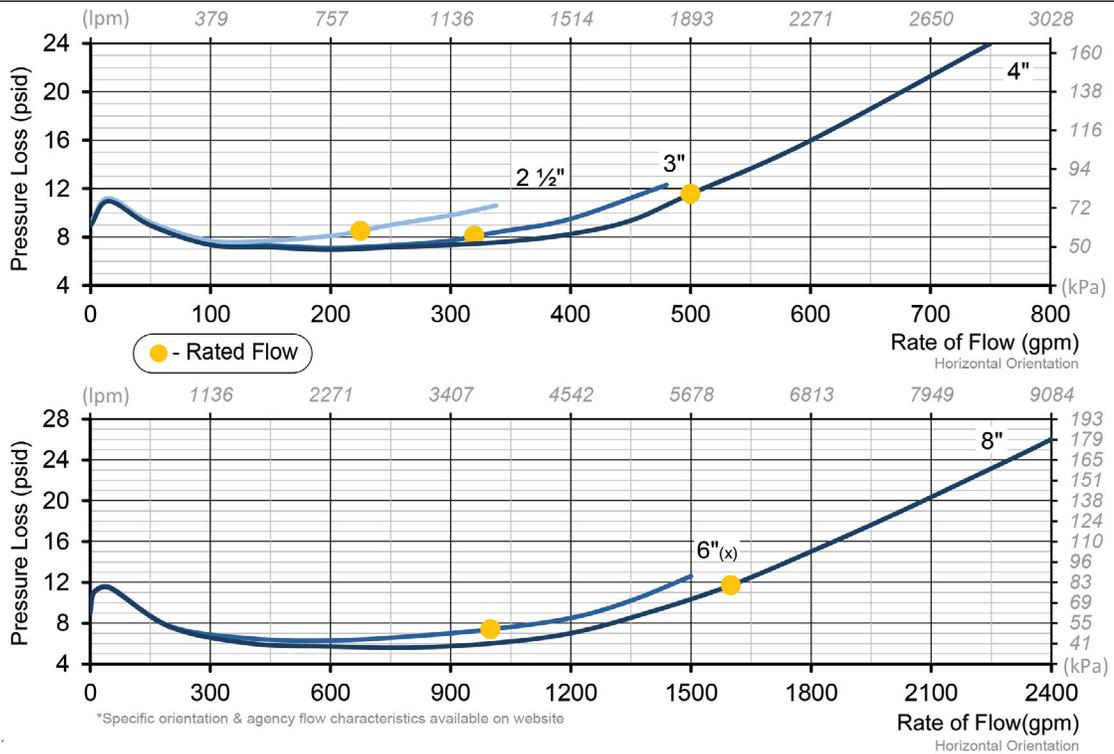


# Barracuda 40

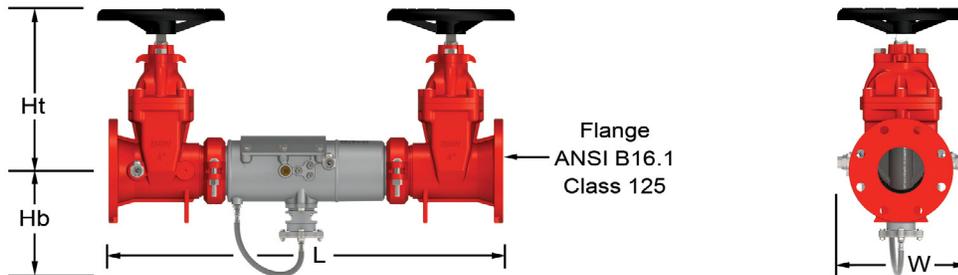
# REDUCED PRESSURE VALVE (FRP)



### Flow Performance:



### Measures and Materials:



SIZE		MODEL	Ht.		Hb.		Ht. + Hb.		L		FLANGE		W		WEIGHT	
IN	MM		IN	MM	IN	MM	IN	MM	IN	MM	IN	MM	IN	MM	Lbs.	Kg.
2 1/2	65	40	12.5	318	9.9	251	22.4	569	30.7	810	2 1/2	65	11.0	279	106	48
3	80	40	13.5	343	10.1	257	23.6	599	31.6	810	3	80	11.0	279	110	50
4	100	40	14.0	356	10.8	274	24.8	630	33.7	861	4	100	11.0	279	152	69
6	150	40	18.1	460	11.8	300	29.9	759	42.7	1138	6	150	14.1	358	294	133
8	200	40	22.0	559	13.1	333	35.1	892	44.6	1138	8	200	14.6	371	420	191

- |   |   |  |
|---|---|--|
| <b>Valve Housing:</b> 304 Stainless Steel | <b>SOV Bearings:</b> Teflon/Bronze            | <b>Check Springs:</b> 17-7 Stainless Steel   |
| <b>Valve Cover:</b> 304 Stainless Steel   | <b>Non Wetted Bolts:</b> Grade 8 Zinc Plated  | <b>Check Pins:</b> 17-7/18-8 Stainless Steel |
| <b>SOV Disks:</b> EPDM/304SS              | <b>Wetted Fasteners:</b> 18-8 Stainless Steel | <b>Check Seats:</b> Noryl Polymer            |
| <b>SOV Shafts:</b> 304 Stainless Steel    | <b>All Check Disks:</b> Silicone              | <b>O-Rings:</b> Buna-N                       |
| <b>RV Spring:</b> 302 Stainless Steel     | <b>RV Housing:</b> 302 Stainless Steel        | <b>RV Hose:</b> Braided Stainless Steel Wire |

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