

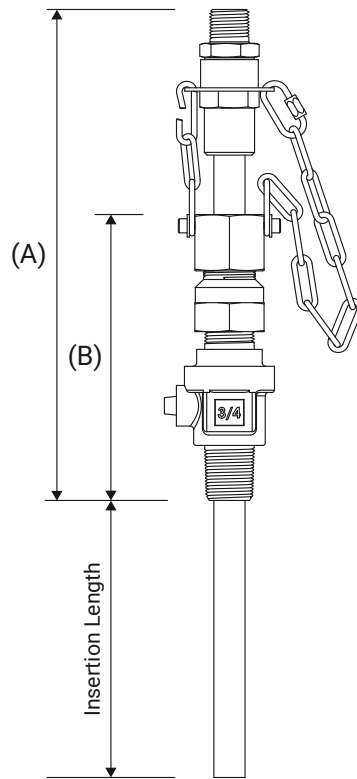
# EB-145

## Standard Service Retractable Injection Quill 3/4" Valve x 3/8" Tube with Integrated Check Valve



### SPECIFICATIONS

SAFETY RATING	150 PSI
CHECK VALVE	INTEGRATED SPRING LOADED BALL CHECK VALVE <sup>1</sup>
SAF-T-SEAL TIP	OPTIONAL
QUICK DISCONNECT	N/A
VALVE/PROCESS CONNECTION SIZE	3/4" MNPT <sup>2</sup>
INLET CONNECTION SIZE	1/2" MNPT
SOLUTION TUBE SIZE	3/8"
SOLUTION TUBE ID (PVC, CPVC, & ALLOY W/SAF-T-SEAL)	0.423"
SOLUTION TUBE ID (ALLOY W/O SAF-T-SEAL)	0.493"
SOLUTION TUBE OD (ALL)	0.675"
(A) OPERATING LENGTH	11" - BRASS 11.75" - STAINLESS STEEL
(B) VALVE/GLAND LENGTH	6.5" - BRASS 7.25" - STAINLESS STEEL
EXTRACTION LENGTH	A + B + INSERTION LENGTH



### ORDERING INFORMATION

SERIES	VALVE MATERIAL	SOLUTION TUBE MATERIAL	INSERTION LENGTH <sup>3</sup>	TIP CONFIGURATION <sup>4</sup>	CHECK VALVE SEAL
EB-145	-	-	-	-	-
	<b>B</b> = Brass <b>S</b> = Stainless Steel	<b>P</b> = PVC <b>C</b> = CPVC <b>A</b> = ALLOY 20 <b>H</b> = HASTELLOY® C276 <b>S</b> = 316SS <b>T</b> = Titanium Gr.2	<u>All Tube Materials</u> <b>2</b> = 2" <b>4</b> = 4" <b>6</b> = 6" <u>Alloy Tubes Only</u> <b>8</b> = 8" <b>10</b> = 10" <b>12</b> = 12" <b>18</b> = 18" <b>24</b> = 24"	<b>0</b> = Standard <b>B</b> = 45° Bevel <b>CV</b> = SAF-T-Seal, FKM <b>CE</b> = SAF-T-Seal, EPDM	<b>V</b> = FKM <b>E</b> = EPDM <b>K</b> = KALREZ 6375

### TECH NOTES

1. Check valve spring cracking pressure is 10 psi.
2. Main connection thread type is NPT by default. CC (AWWA) also available. Consult factory for details.
3. Maximum insertion length for 3/8" PVC and CPVC solution tubes is 6". PVC and CPVC solution tubes are not covered by warranty when used in process flows with velocities 6 fps or greater.
4. SAF-T-Seal tip not available when selecting Titanium solution tube material.