

The BelGas P8000 series is a hammer union, weldneck and trunnion assembly which operates a mechanical dump valve.

The P8000 series Hammer Union with Trunnion Assembly is installed onto a vessel. The assembly uses a float/ float arm attachment to monitor liquid level in the vessel. As the liquid level rises or falls the float arm moves a float hub and shaft on the trunnion assembly. This motion causes the lever to rise or fall. The lever is attached via a link arm to a mechanical dump valve. The mechanical dump valve is triggered by this motion.

Applications

- Separators
- Knockouts

Features

- Link Arm Options: Link Arm offered in 18", 24" & 32"
- Sizes: Weldnecks offered in 5" & 8" Lengths
- Threads: Standard Straight Pipe Threads (NPSL) or Acme
- Seals: Available in Nitrile, Fluorocarbon & HSN



Specifications

Max Pressure (PSIG)
500 PSIG

Materials of Construction

Part	Material
Bonnet	Carbon Steel
Weldnecks	Carbon Steel Pipe
Hammer Nuts	Carbon Steel
Lever	Carbon Steel
Caps	Stainless Steel
Float Mount	Ductile Iron
Lever Hub	Ductile Iron
Bushing	Acetal
Joint Linkage Arm	Stainless Steel
Joint Linkage	Steel
Seals	Nitrile (standard)

P8000 Series Ordering Matrix

[illegible]

P8000 Accessories

P8000 Floats



Part Number	Material	Size	Weight	Maximum Working Pressure
715-015-000K	304 SS	7" X 12"	~ 5.2 lbs	600 PSI

P8000 Float Arms



Part Number	Length
646-563-000K	18"
646-563-001K	24"
646-563-002K	32"

P8000 Parts List

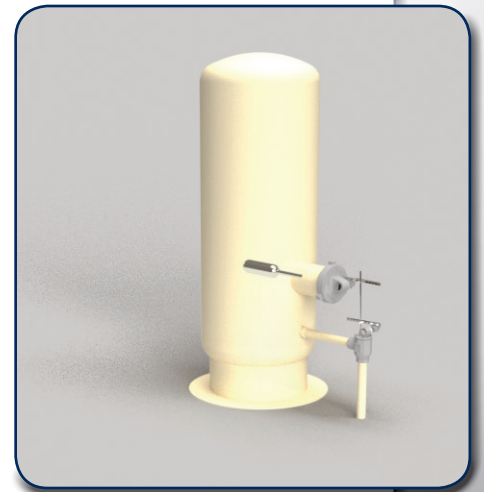
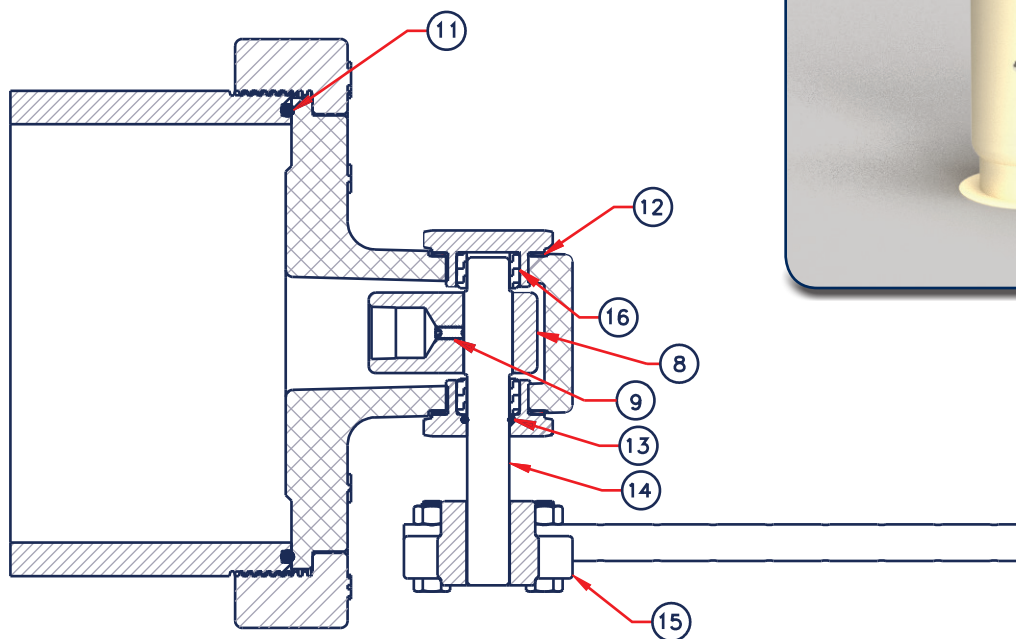
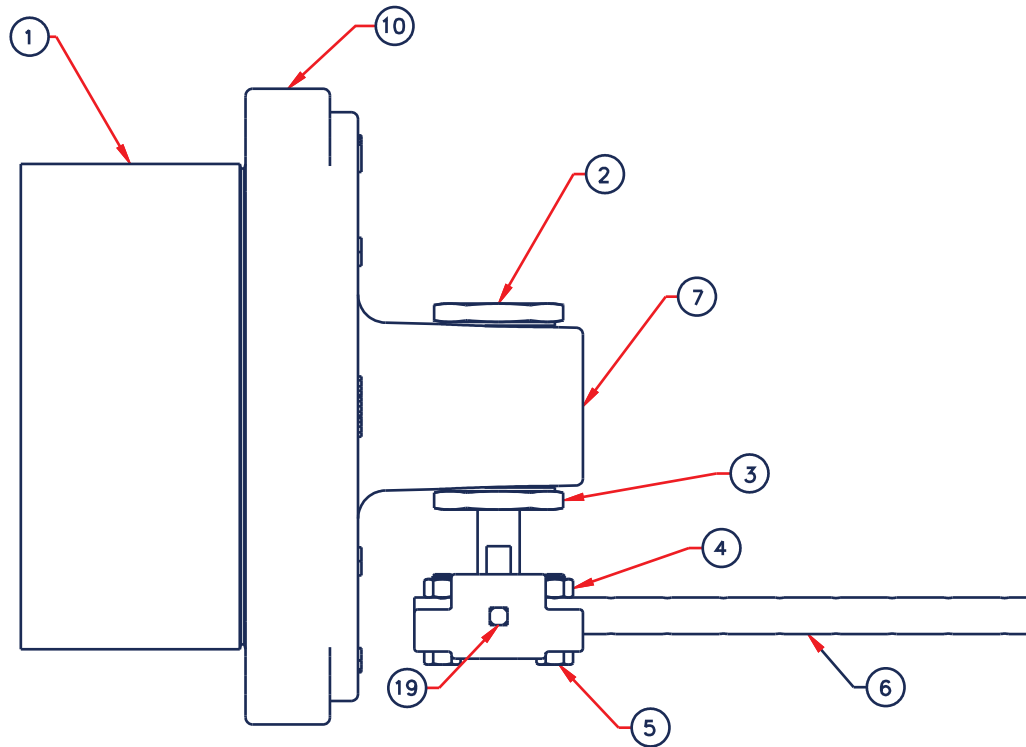
Item	Description	Qty.	Part Number
1	Weldneck, Acme, 5"	1	716-001-000
	Weldneck, Acme, 8"		716-001-001
	Weldneck, NPSL, 5"		716-007-000
	Weldneck, NPSL, 8"		716-007-001
2	Rear Cap	1	610-107-000
3	Front Cap	1	610-108-000
4	Lever Nut	2	634-216-000
5	Lever Hub Bolt	2	648-580-001
6	Lever	1	703-013-000
7	Bonnet	1	604-283-001
8	Float Hub	1	712-009-000
9	Float Set Screw	1	648-595-000
10	Hammer Union	1	ACME 634-226-001
			NPSL 634-233-000
11	Weldneck O-Ring	1	Nitrile 649-381-000
			Fluorocarbon 649-383-004
			HSN 649-437-001
12	Gasket	2	624-122-000
13	Shaft O-Ring	1	Nitrile 649-269-004
			Fluorocarbon 010-380-000
			HSN 649-437-000
14	Shaft	1	651-116-000
15	Lever Hub	1	712-010-000
16	Bushing	2	608-096-000
17	Joint Linkage Assembly (Not Shown)	2	803-076-000
18	Joint Linkage Arm Rod (Not Shown)	1	18" 646-557-000
			24" 646-557-001
			32" 646-557-002
19	Lever Set Screw	1	648-582-000

P8100 Repair Kits

971P80	1	0	Repair Kit
	↑	↑	Seal Material
	0		Nitrile
	2		Fluorocarbon
	5		HSN
			Gasket
	1		Gasket
		0	

Note: Repair kit includes Weldneck O-ring and (2) Gaskets.

Note: Individual ordering of hammer unions or weldnecks should reference P8A00 Ordering Matrix for part numbers.





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