

ESP TOP BYPASS VALVE

Odessa Separator's TOP BYPASS VALVE provides extended pump run times by ensuring fluid flow, to the pump, when the pump intakes plug off due to sand, scale, or paraffin.

Installed above the sand separation tools, the TOP BYPASS VALVE opens at a pressure differential of greater than 33 psi. The open valve allows continued fluid flow, bypassing the plugged screens.

The Top Bypass Valve can be combined with any OSI bottom hole assembly.

BENEFITS

- Prevent workovers due to solids failures increasing productive time.
- Extends run times by allowing continued fluid flow.
- Two-stage sand separation.
- Centrifugal force greatly increases sand separation efficiency.

Use your device by scanning the QR code



VIDEO



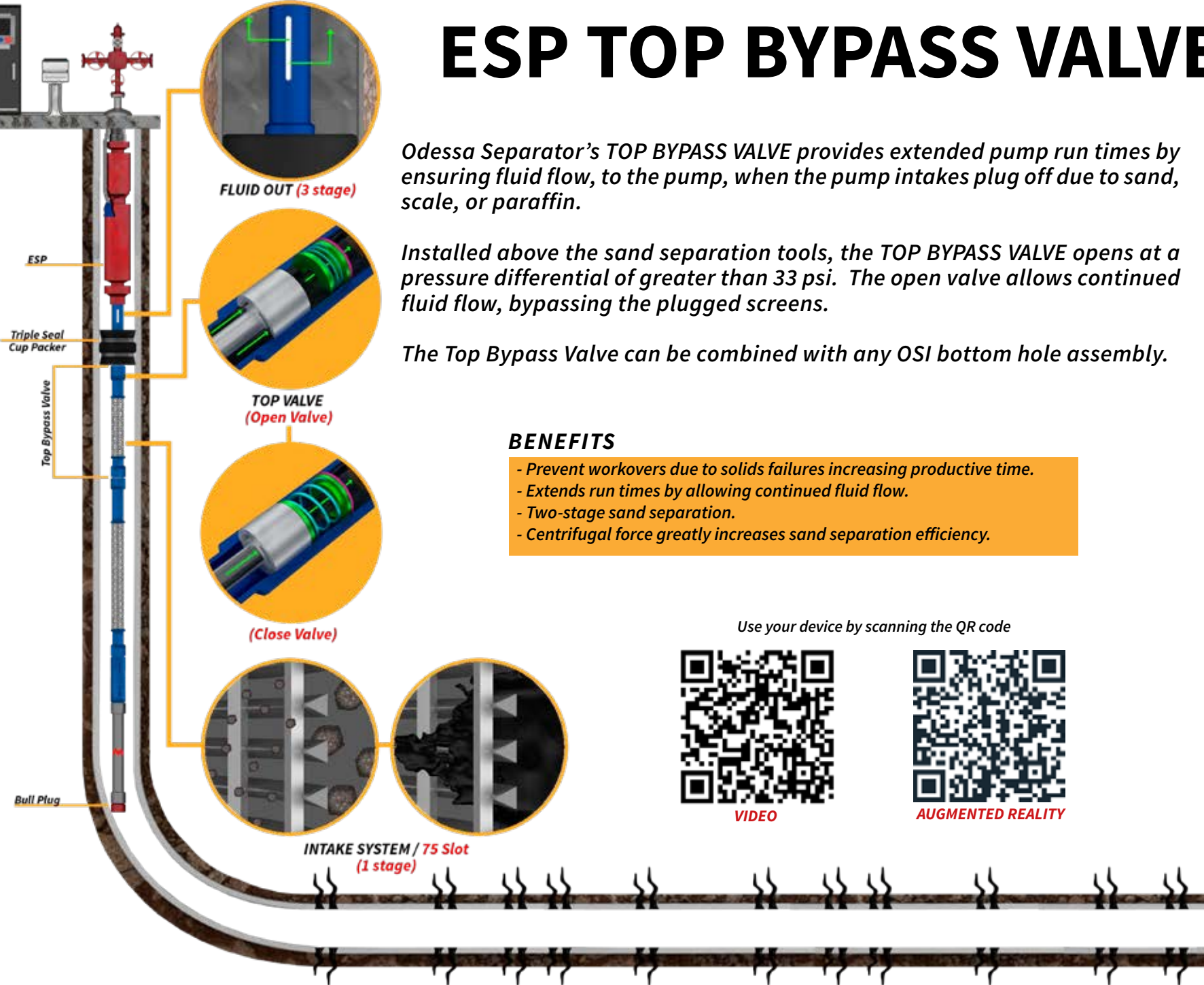
AUGMENTED REALITY

FLUID OUT (3 stage)

TOP VALVE (Open Valve)

(Close Valve)

INTAKE SYSTEM / 75 Slot (1 stage)



HOW IT WORKS

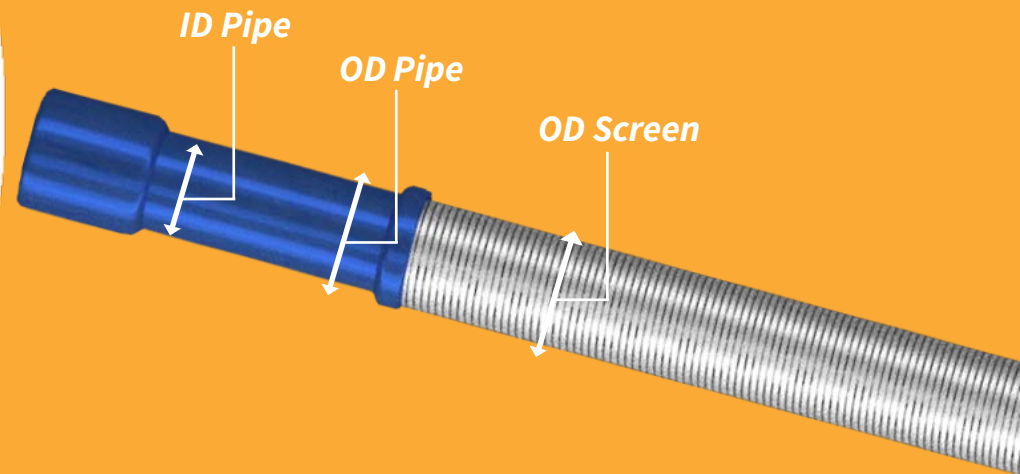


TECHNICAL SPECIFICATION



4ft

Size	Slot	Open Area	Weight (Lbs)	Weight (in)
2 3/8	75	100.9	35.5	48
2 7/8	75	121.1	46	48
3 1/2	75	141.4	55	48



Sizes	Pipe (in)		Screen (in)	Collar (in)	
	OD	ID	OD	OD	ID
2 - 3/8"	2.375	1.941	2.87	3.063	2.375
2 - 7/8"	2.875	2.441	3.37	3.669	2.875
3 - 1/2"	3.5	3.066	3.94	4.5	3.5