SAFETY VALVES

Pesflow POP-TYPE

- ## Screwed ends
- ## Flanged #150/#300

Because plant safety can't wait. Pesflow spring-loaded safety valves "pop" fully open the instant line pressure creeps past the set point, venting safely and then re-seating bubble-tight as soon as normal pressure returns. Built by Perfect Engineering Services under ISO 9001, they are the reliable last line of defence for steam, air, gas and clean-fluid systems.

Key Highlights

- ½"–3" screwed & 25 to 200 mm(1" to 8") #150/#300 flanged sizes

- WCB / CF8 / CF8M construction with SS-302 spring

- External blow-down adjustment and lift lever as standard

- ISO 9001 manufacturing

Why maintenance managers choose Pesflow

- **Instant full-lift action** — pop design gives 100 % opening within milliseconds for maximum discharge.

- **Repeatable accuracy** — precision ground stainless trim and SS-302 springs hold the set pressure year after year.

- **On-line testing** — standard lift-lever lets you prove valve health without dismantling.

- **Wide media compatibility** — bodies in WCB, CF8/CF8M or CF3M handle saturated-steam, clean condensate, inert gas and mildly corrosive liquids.

- **Compact footprint** — centre-to-top heights start at just 60 mm, ideal where head-room is tight.

Manufactured & Marketed by Perfect Engineering Services

Key Specifications

Item	Screwed	Flanged
Size range	15 – 80 mm (½" – 3") BSP / NPT	25 to 200 mm(1" to 8") #150/#300
Pressure range**	1 – 17 bar g (higher on request)	
Temperature	-20°C to +400°C (depends on body/trim)	
Body / bonnet	WCB / CF8 / CF8M / CF3M	
Spring	SS 302	
Seat & trim	SS 304 / 316	
Design code	IBR – Pop Type Safety Valve	
Certification supplied	Hydro / seat-leak test report & IBR Form III-C	