



82.5mm Flanged Hyper Maxi Pressure/Vacuum Relief Valve - Flange drilled 4 slots with a 145.0/152.4mm min/max PCD. (See below for drilling details) Suitable for a set pressure range of *2 to 75 PSI (*0.14 to 5.17 Bar) *See Note under Specification, and a set vacuum range of 0.5"Hg to 26"Hg (0.02 to 0.88 Bar). Contact parts manufactured in 316 stainless steel. Fitted with Forty seals as standard.

Options - pressure only version. High pressure extended body version. Alternative seal materials are available.

Fort Vale offers a full range of threaded and flanged relief valves.

Specification

Weight	5.9 Kg *
Design Pressure (MAWP)	5.2 Bar (75 PSIG)
Test Pressure	10.1 Bar (147 PSIG)

*Weight varies according to valve specification.
Temperature range : Dependant upon seal material.

Design Approval by Lloyds Register of Shipping.
*Note: Scope of Approval covers valves set at 25 PSI (1.7 Bar) and above.

Valve Flow Data

Please contact sales@fortvale.com and request data sheet reference: 043/049/82/5/FLOW/NORM.
See below for de-rations.
Test certificates supplied as standard.

Drilling Details & Fittings

Specification	PCD	Weld-in Flange	Gasket
DIN65 PN10	145.0mm	176/3250	5005-332
3" Table D	146.1mm	176/3140	5005-013
DIN80 PN6	150.0mm	176/3158	5005-334
3" ASA 150	152.4mm	176/3125	5005-204

Associated Parts

Part No.	Associated Parts
921/07BBSP	0-100 PSI pressure gauge, bottom entry, brass internal parts
921/07RBSP	0-100 PSI pressure gauge, rear entry, brass internal parts
920/07BBSP	0-100 PSI pressure gauge, bottom entry, stainless steel internal parts
176/2920	Removable clamped gauge
311/3700	Stud kit (4 x M16)
311/3785	Bolt kit (cap screws) - 145/146mm PCD

De-rations

Description	De-ration
Valve with removable gauge (176/2920)	-5.01%

Range

Part No.	Description
043/XXX0082S	82.5mm standard pressure only
043/XXXXX82S	82.5mm standard pressure/vacuum
049/XXX0082S	82.5mm extended pressure only
049/XXXXX82S	82.5mm extended pressure/vacuum

Fitting Details

Part Number : 043/XXXXX82S - Depicted with removable gauge

