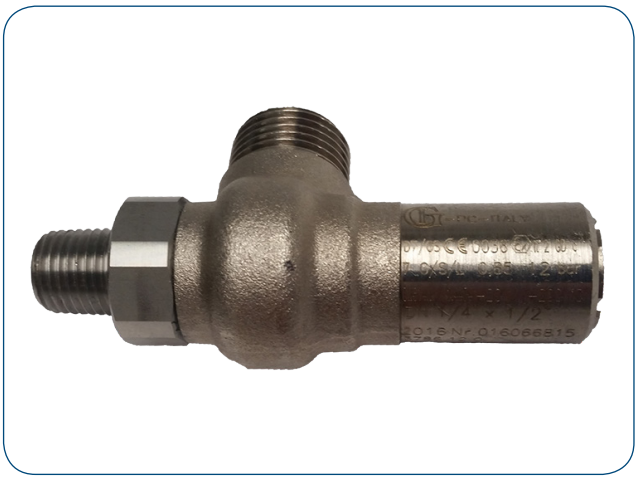
GASARC™ AN ESAB® BRAND

Chem Master – Pipeline Pressure Relief Valve

6.0 Purity



FEATURES

- Optional FKM/EPDM seals available to suit gas type
- Laser marked with pressure service and direction of flow
- CE marked to the Pressure Equipment Directive (PED) 97/23/EC Category IV
- ATEX Certification
- EN 10204 Type 3.1 inspection certificate on request

MATERIAL

Wetted Parts	316 Stainless Steel
Non wetted parts	Plated Brass

The Chem Master range of pipeline pressure relief valves are designed to fulfil the Pressure Equipment Directive (PED) 97/23/EC Category IV. Therefore they are CE marked. This range of pipeline pressure relief valves is available in conjunction with a Gas-Arc gas control panel or as a seperate unit with a range of set vent pressures.

They are compatible with corrosive, toxic and high purity gases up to grade 6.0 purity (99.9999%).

SPECIFICATION

Pressure Service	Maximum 60 bar (870 PSI)
Cracking Pressure	0.20 bar
Helium Leak Integrity	$1x10^{-9}$ mbar l/s
Weight	0.07 kg (0.15 lb)

MODEL NO. SELECTOR GUIDE

Part No.	Set Pressure	Inlet Thread	Outlet Thread/ Pipe Adaptor	Seal	Configuration Item Code
GCS37477	5 bar [72 PSI]	1/4 NPT Male	G1/2″ BSP	FKM	R
GCS37481	5 bar [72 PSI]	1/4 NPT Male	G1/2″ BSP	EPDM	S
GCS37245	8 bar [116 PSI]	1/4 NPT Male	G1/2″ BSP	FKM	R
GCS37482	8 bar [116 PSI]	1/4 NPT Male	G1/2″ BSP	EPDM	S
GCS37478	12 bar [174 PSI]	1/4 NPT Male	G1/2″ BSP	FKM	R
GCS37483	12 bar [174 PSI]	1/4 NPT Male	G1/2″ BSP	EPDM	S
GCS37479	25 bar [362 PSI]	1/4 NPT Male	G1/2″ BSP	FKM	R
GCS37484	25 bar [362 PSI]	1/4 NPT Male	G1/2″ BSP	EPDM	S
GCS37480	60 bar [870 PSI]	1/4 NPT Male	G1/2″ BSP	FKM	R
GCS37485	60 bar [870 PSI]	1/4 NPT Male	G1/2″ BSP	EPDM	S

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