

Gas supply station ZD 150



Illustration 1

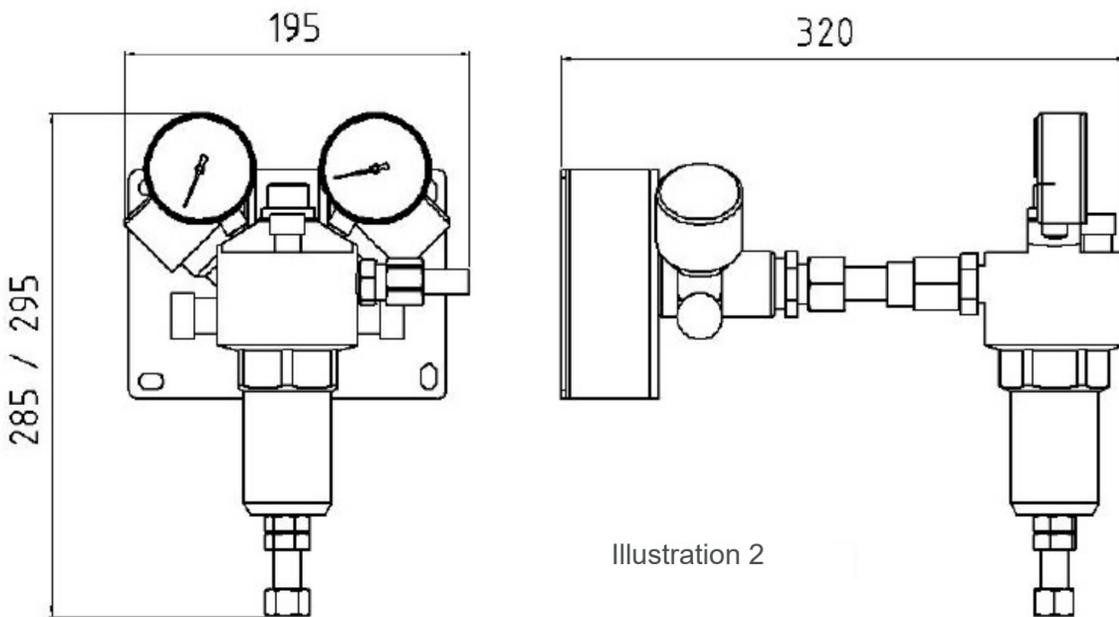
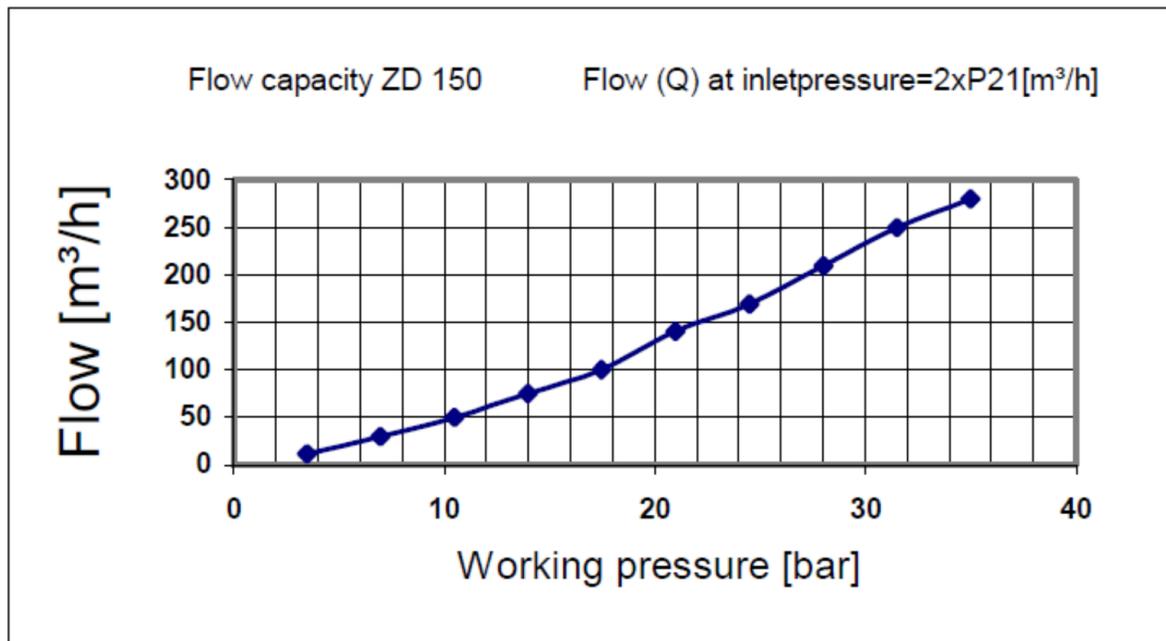


Illustration 2



DESCRIPTION

The supply station ZD 150 is available in a single and double sided configuration.

The double sided station (illustration 1+2) for assembly in double sided cylinder and bundle battery systems guarantees the interruption free gas supply with manual switching.

The single sided station (illustration 3+4) is for assembly in single sided cylinder and bundle battery systems and ensures a safe cut-off of the gas supply.

With the supply station ZD 150 a maximum pressure of 300 bar can be reduced to a maximum pressure of 10, 16, 20 or 35 bar and held constant.

The supply station consists of a single stage central pressure regulator to DIN EN 961 (ISO 7291) with BAM Oxygen certification.

The integrated relief valve protects the valve from excessive outlet pressure.

Double shut-off valve (double sided station) or a main shut-off valve (single sided station), both certified with BAM, are also feature of the station.

The assembly is mounted on a wall bracket.

QUALITY STANDARD

The company Hornung is certified to **DIN EN ISO 9015** and **ISO 14001:2015**. All single parts are manufactured, assembled and tested by in-house production. The finished parts are therefore under all criteria of German quality control with 100% final inspection.

ZD 150



Illustration 3

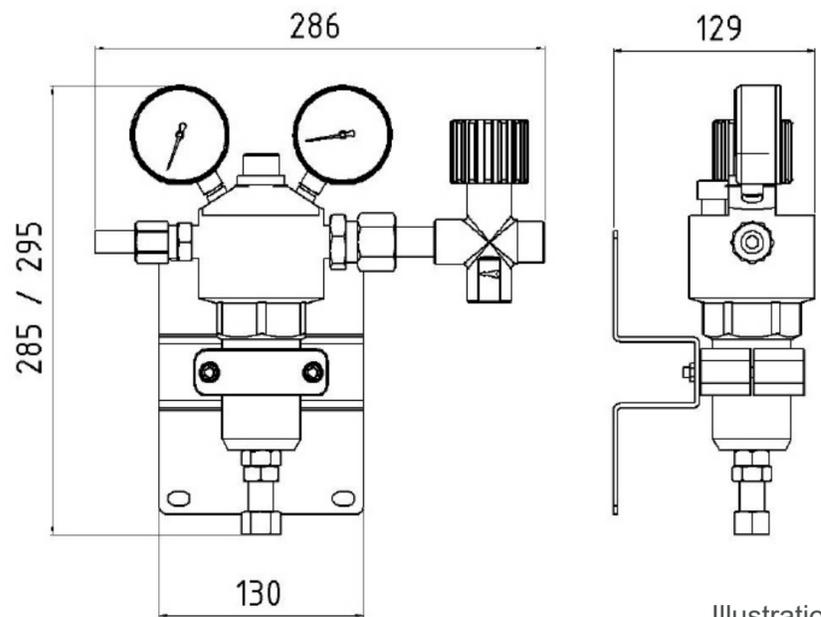


Illustration 4

Illustration 3+4: single side regulator (right)
Also available as left, sizes identical

TECHNICAL DETAILS

Material:	brass	Size:	295 x 195 x 320 mm (1 s.) 295 x 286 x 129 mm (2 s.)
Seat:	EPDM	Weight:	5300 g (1 s.) 6500 g (2 s.)
Filter:	metal, pore size 40 µm	Connections:	Inlet: G 3/4 DIN 8542 or G 3/4 DIN 477
Diaphragm:	stainless steel	Single sided:	
Max. inlet pressure:	300 bar	Double sided:	G 3/4 DIN 477
Max. output:	280 ³/h	Outlet:	nipple 1/2"
Regulating range:	1,0 - 35 bar	Gauge:	G 1/4
Operating temp.:	-20°C to +60°C		

ORDER DETAILS

Format:	Inlet pressure (p1):	Outlet pressure (p2):	Connection inlet (only with single sided):
1 = single sided, right	1 = 200 bar	1 = 1 - 10 bar	1 = G 3/4 m DIN 8542
2 = single sided, left	2 = 300 bar	2 = 1 - 16 bar	2 = G 3/4 m DIN 477 / Nr. 9
3 = double sided		3 = 1 - 20 bar	
		4 = 1 - 35 bar	

Station - Type	47	-1	1	2	1	Gas type
47 Supply station ZD 150	Typ	Format	p1	p2	Inlet	Gas type

Accessories:
High pressure manifold: see data sheet "High pressure manifold"

Note:
See also data sheet "Cylinder battery system" and "Bundle battery system"