

NAFFCO

PILOT CYLINDER HEAD VALVE

Model No.: NF 20/N2V



DESCRIPTION

NAFFCO 20/N2V valve is a quick opening differential valve, especially designed to be assembled on a 6.5 lb capacity pilot cylinder, filled with dry nitrogen at 1450.4 psi.

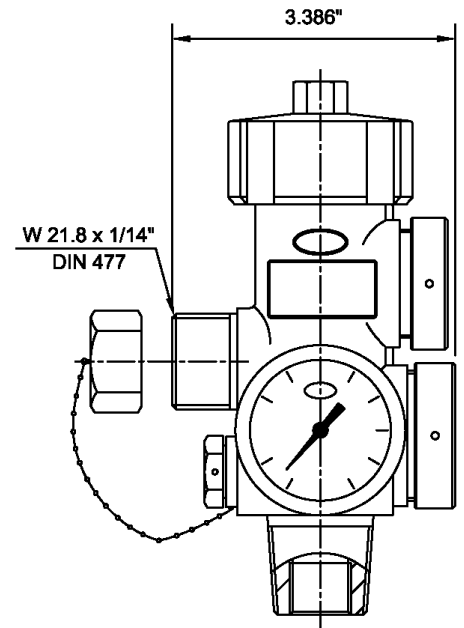
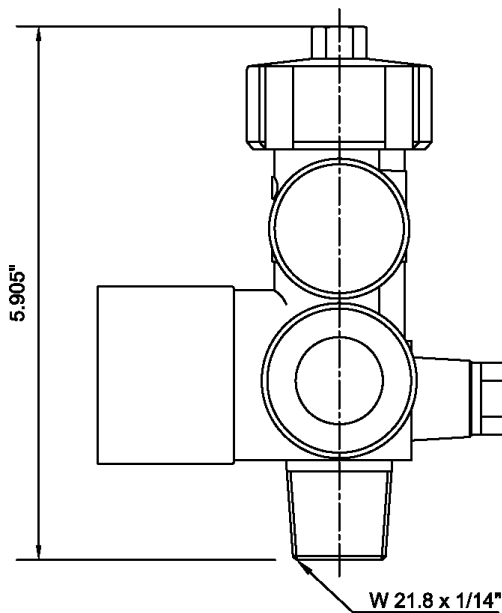
These valves are pressure differential valves. Actuation may be achieved by manual release, pneumatic release or electric release. They are supplied equipped with a pressure gauge/ pressure switch.

The relief valve device on the head cap prevents accidental cylinder discharge caused by micro leakage of pressure produced by some release devices.

The safety disk is set to burst and release the internal cylinder pressure when the pressure reaches values that exceed the cylinder test pressure. This device prevents an excessive rise in pressure that may cause the assembly to explode.



The burst disk allows actuation of manual and pneumatic release devices. When this disk bursts by means of the release system connected to it, the valve opens. Its set pressure does not allow bursting caused by cylinder over pressure.





TECHNICAL SPECIFICATION

Max. Working Pressure	2407.6 psi
Min. Working Pressure	101.5 psi
Working Pressure	1450.4 psi
Hydraulic Test Pressure	4351.1 psi
Working Temperature	-4°F to +122°F
Safety Disc	3916 ±145 PSI
Weight	4.3 Lb
Free Cross Sectional Area	0.096 Inch ²

MATERIALS

Body	Brass, UNI EN12420
Piston	Stainless Steel AISI303
Axle	Stainless Steel AISI303
Joint Holder	Stainless Steel AISI303
Sealing Joint	TEFLON PTFE
O-Ring	NBR/EPDM (UL)

OPTIONAL ACTUATION SYSTEMS: Electric by Solenoid, Pneumatic and Hand Lever Release

ACCESSORIES: Pressure gauge, Pressure switch.



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We reserve the right to modify specifications without prior notice