



Picture: pm3/val/y/a, b Yield valve DN10 and DN12

The yield valves pm3/val/y/a, b are used to limit pressure in hydraulic systems. The pressure limit is permanently set as required. The spring is corrosion resistant and is fitted in a dry, sealed spring chamber. The spray holes are covered by a rubberised material.

Features

- Dimensions (mm) ca. 85 x 30
- Weight ca. 280 g
- Operating pressure can be preset to between 250 and 500 bar and is sealed at the set pressure
- Medium standard HFA, mining application
- Flow rate 65 l/min*

Colour code	Pressure range in bar
green/white	250 - 299
blue	300 - 349
blue/white	350 - 399
red	400 - 449
red/white	450 - 499

marco numbers for these valves contain the following information:

<x>		<ddd>	<v>
DN CODE		PRESSURE SET [bar]	DESIGN TYPE
DN10	a	pressure	a, b
DN12	b		

Application

Shield equipment in mining; for all cylinders where volume can be shut off and excess pressure can occur. Only for shield legs where low convergence is expected - not for rock bump.

For valves with larger flow rates see doc:D/pm3/val/y/002w and /006w.

* from revision 1.4

Order Number	Release	Description
pm3/val/y/a<ddd>b	1.4	Yield valve DN10
pm3/val/y/b<ddd>b	1.4	Yield valve DN12
di:0-3x1,5sh90		Spare o-ring