

# Pressure Reducing Valves

## For compressed air and gases...

### Series DRV 200: sensitive & precise pressure regulation

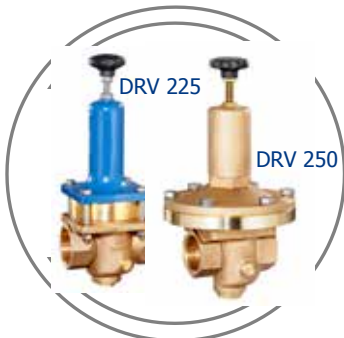
The DRV 200 series valves are regulating the outlet pressure extremely sensitive. Due to the low friction of the few moving internal parts this type shows a high setting accuracy and an extremely good response to flow fluctuations. DRV 200 are preferably used for pressure reduction of compressed air, nitrogen and other neutral, non-combustible gases. Provided that the required flow rates are relatively low this type is also suitable for water and other non-viscous liquids. Valve seats and bodies are made of corrosion-resistant red bronze, spring

bonnets are in brass (DN32 onwards in grey cast iron), seals are in SBR, NBR and CR. The low pressure version DRV 250 is equipped with an enlarged regulating diaphragm, whereas the high pressure versions 225/235 and 226 are provided with a solid brass regulating piston. All DRV series 200 are supplied with internal threads according to DIN ISO 228, the mean pressure ranges are also available with flanges in DIN construction lengths (DRV 230/235).



DRV 230

DRV 200



DRV 225

DRV 250

PN bar	p <sub>2</sub> bar	Nominal Size	kvs m <sup>3</sup> /h	Internal Thread DRV - Typ	Flange DRV - Typ
25	0,2 - 2,0	DN8 - DN50	0,5 - 7,2	DRV 250	
25	1,5 - 8,0 <sup>*)</sup>	DN8 - DN50	0,5 - 7,2	DRV 200	DRV 230
40	1,5 - 20	DN8 - DN50	0,5 - 7,2	DRV 225	DRV 235
60	20 - 45	DN8 - DN20	0,5 - 1,3	DRV 226	

<sup>\*)</sup> also available with outlet pressure range 0.8 - 8.0 bar (Option G)



## For potable water...

Berluto pressure reducing valves for potable water are of highest quality and are standing the test day by day on every occasion. A brand quality product made in Germany, manufactured from red bronze: you shouldn't be satisfied with less. After all, potable water is a precious good.

### DRV 402-6 / DRV 403-6: proven brand quality

DRV 403-6 pressure reducing valves for potable water are corresponding in full detail to the regulations of DVGW (German Gas and Water Control Board), bodies are made of high quality red bronze. As a result, they are not only outperforming the requirements of DIN 50930-6 but also exceeding the quality of pressure reducers made of brass with regard to corrosion and stability. All integ-

rated plastic parts meet the KTW recommendations for potable water, the pressure reducing valves themselves are being tested according to DIN EN1567, are DVGW-certified, noise insulation-tested and have a maintenance-friendly exchangeable valve insert.

DRV 403-6 are primarily used for lower flow rates. For larger applications series DRV 402-6 is recommended.



DRV 403-6



DRV 402-6

	DRV 403-6 <sup>*)</sup>				DRV 402-6 <sup>*)</sup>		
Nominal Size	DN15	DN20	DN25	DN32	DN40	DN50	DN65
Connection R	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"
kvs [m <sup>3</sup> /h]	2,9	3,9	5,4	6,1	9,0	13,0	20,0

<sup>\*)</sup> As standard, all potable water pressure reducing valves are designed for a max. nominal pressure of 16 bar, an outlet pressure of 1.5 to 6 bar and a max. media temperature of 75 °C. But of course we also offer custom made solutions on request.

### DRV 403-6: fits perfectly, always!

With a simple reduction of the supply pressure you will achieve significant water savings without any loss of comfort. Needless to say that all valves have to be replaced on time, latest as soon as the installation is no longer up to date. And especially today it is all the more important to have a reliable top-quality pressure reducing valve at home.

The valve exchange is very simple and economic provided that both valves have identical dimensions; for this

reason we offer our valves with adjusted mounting dimensions (version A + B) so that outdated or defective valves can easily be replaced by a high-quality Berluto DRV 403-6.

Installation Length DRV 403-6 [mm]			
Nominal Size	DN15	DN20	DN25
Form A	78	78	90
Form B	80	90	100



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