

Pressure regulators for high pressures

up to 40 bar

Version: Resettable (with relieving system)

Materials: Body: Brass (DR 8740 and DR 8840: gravity die-casting aluminium), diaphragms and seals: NBR

Temperature range: -10°C to max. +90°C

Input pressure: Max. 40 bar

Pressure gauge connection: G 1/4"

Switch panel thread: DR 1140 G: M 20 x 1.5, DR 3340 G: M 28 x 1.5

Media: Oiled and unoled compressed air, non-toxic and non-flammable gases

Optional: Other regulation ranges: 0.5 - 3 bar -3*, 0.5 - 6 bar -6, 0.5 - 16 bar -16, 0.5 - 25 bar -25, lockable (DR 8740 G and DR 8840 G) -K

Type	Thread	D	L	H	H1	Pressure regula. range	Pressure gauge display
Flow 430 l/min**							
DR 1140	G 1/4"	36	45	104	23	0.5 - 10 bar	0 - 16 bar
Flow 1,250 l/min**							
DR 3340	G 1/2"	67	72	145	30	0.5 - 10 bar	0 - 16 bar
Flow 7,830 l/min**							
DR 5440	G 3/4"	116	95	216	41	0.5 - 10 bar	0 - 16 bar
Flow 7,830 l/min**							
DR 5540	G 1"	116	83	216	41	0.5 - 10 bar	0 - 16 bar
Flow 12,160 l/min**							
DR 7640	G 1 1/4"	116	128	240	50	0.5 - 10 bar	0 - 16 bar
Flow 12,160 l/min**							
DR 7740	G 1 1/2"	116	114	240	50	0.5 - 10 bar	0 - 16 bar
Flow 25,000 l/min**							
DR 8740	G 1 1/2"	130	180	248	78	0.5 - 10 bar	1 x 0 - 16 bar 1 x 0 - 60 bar
Flow 25,000 l/min**							
DR 8840	G 2"	130	160	248	78	0.5 - 10 bar	1 x 0 - 16 bar 1 x 0 - 60 bar

* not available for types DR 8740 G and DR 8840 G, ** measured at P₁ = 8 bar, P₂ = 6 bar, Δp = 1 bar

Order example: DR 1140 ** **

Standard type

Designation for the options:

Lockable (DR 8740 and DR 8840)-K

Regulation range

0.5 - 3 bar-3*

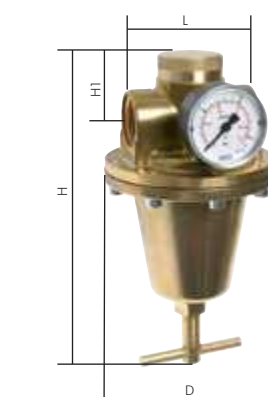
0.5 - 6 bar-6

0.5 - 16 bar-16

0.5 - 25 bar-25



Input pressure up to max. 40 bar!



type DR 8740 and DR 8840

Pressure regulators for high pressures

up to 60 bar

Version: Piston type regulator resettable (with relieving system)

Materials: Body: Brass, seals: NBR

Temperature range: -10°C to max. +90°C

Input pressure: Max. 60 bar

Pressure gauge connection: G 1/4"

Switch panel thread: DR 2260: M 28 x 1.5

Media: Oiled and unoled compressed air, non-toxic and non-flammable gases

Optional: Other regulation ranges: 1 - 20 bar -20, 2 - 35 bar -35, 3 - 50 bar -50

Type	Thread	L	H	H1	Pressure regula. range	Pressure gauge display
Flow 1400 l/min*						
DR 2260	G 3/8"	72	164	31	0.5 - 12 bar	0 - 16 bar
Flow 5000 l/min*						
DR 5560	G 1"	118	257	51	0.5 - 12 bar	0 - 16 bar

* measured at P₁ = 20 bar, P₂ = 10 bar, Δp = 4 bar

Order example: DR 2260 **

Standard type

Regulation range

1 - 20 bar-20

2 - 35 bar-35

3 - 50 bar-50



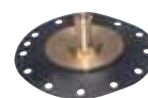
Input pressure up to max. 60 bar!



Replacement diaphragms & seals for high pressure regulators - standard-HD

Type replacement diaphragms	Type sealing cone	Suitable for type
For pressure regulator PN 40		
MEMBRANE DR1140	DK DR1140	DR 1140
MEMBRANE DR3340	DK DR3340	DR 3340
MEMBRANE DR5540	DK DR5540	DR 5440, DR 5540
MEMBRANE DR7740	DK DR7740	DR 7640, DR 7740
MEMBRANE DR8840	DK DR8840	DR 8740, DR 8840
For pressure regulator PN 60		
---	DK DR2260	DR 2260
---	DK DR5560	DR 5560

replacement diaphragms



sealing cone



All data are considered to be unbinding reference values. We accept no liability for data selection that is not confirmed in writing. Pressure data refer, if not otherwise indicated, to liquids of Group II at +20°C.