



DRV 806-O
(DN 15 - DN 25)



Pressure reducing valve
Flange • Standard pressure
Stainless steel

Pressure reducers of the series are back-pressure controlled, spring-loaded pressure reducers without auxiliary energy and have an inlet pressure compensation.

Media

The pressure reducers are specially designed for use with oxygen, but can also be used for air and neutral gases.

DGRL 2014/68/EU

Customs tariff number

84811019



Features

- pressure-relieved single seated valve
- max. inlet pressure up to 40 bar
- Outlet pressure: 0,63 - 10 bar
- flanges acc. DIN EN 1092
- optionally with ANSI flanges
- replaceable inner parts
- assembly position: any desired
- minimum pressure difference (inlet/outlet pressure): 1 bar
- reduction ratio: 25:1

Pressures



max. 40 bar



0,63 - 10 bar

Connections



Flange connection
acc. DIN EN 1092 PN 40

Materials

	body	spring bonnet	seals	wetted parts	max. temperature
standard version	stainless steel 1.4408	stainless steel 1.4408	NBR	V4A	100 °C



Temperatures

Various options in the area of seals and wetted internal parts allow a maximum temperature of up to 100°C.



up to +100 °C

Seals and Temperature

NBR

up to +100°C



Technical data

nominal size	15	20	25
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Pressures

max. 40 bar



max. inlet pressure [bar]

DRV 806-O

40

0,63 - 10 bar



outlet pressure [bar]

DRV 806-O

0,63 - 1,0
1,0 - 1,6
1,6 - 2,5
2,5 - 4,0
4,0 - 6,3
6,3 - 10,0

Connections

Flange connection
from DN 15 to DN 25



dimensions [mm]

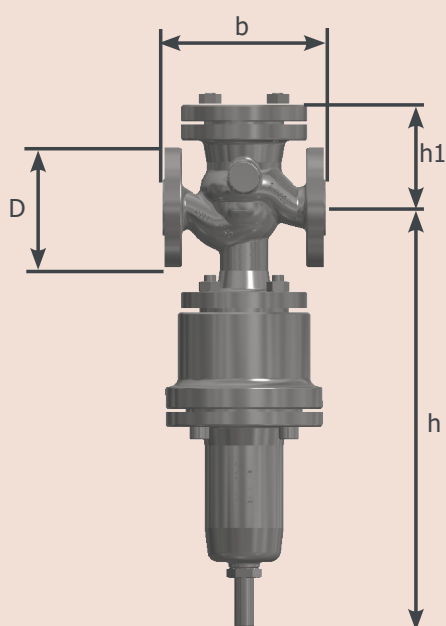
	b	130	150	160
DRV 806-O	D	95	105	115
	h1	90	90	90
	h	310	310	310

weight [kg]

DRV 806-O	12	13	14
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kvs-value [m³/h]

DRV 806-O	1,8	3,2	5,0
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Article number

nominal size	15	20	25
standard version			
DRV 806-O	080602	080603	080604

Options

C C - connections

54 -	DIN EN 1092 PN 16	standard
61 -	ANSI B 16.5 RF	class 150 lbs

M - material wetted parts

3 -	V4A	standard
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E - elastomers

1 -	NBR
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B - outlet pressure

A -	0,63 - 1,0 bar
B -	1,0 - 1,6 bar
C -	1,6 - 2,5 bar
D -	2,5 - 4,0 bar
E -	4,0 - 6,3 bar
F -	6,3 - 10,0 bar

Configuration example of an article number

inlet pressure: 10 bar
seals: NBR

outlet pressure: 5 bar
temperature: 30 °C

connection: DN 20 ANSI B16.5 RF

art.no. standard version						-	C	C	M	E	B
0	8	0	6	0	3	-	6	1	3	1	E



Flow diagram

