

PRESSURES

Inlet pressure	min. 0,5 bar / max. 10 bar
Outlet pressure	7 - 500 mbar

CONNECTIONS

Flange connection acc. DIN EN 1092
---- PN 40 DN 15 - DN 50
Optionally with ANSI or JIS

SEALS AND TEMPERATURES

EPDM/PTFE	-30 °C up to +120 °C / with FDA conformity
FKM/PTFE	-10 °C up to +180 °C
EPDM/ATEX	-10 °C up to +80 °C

FEATURES

- pressure compensation
- diaphragm-controlled
- continuously adjustable outlet pressure
- replaceable inner parts/cartridge principle
- double-sided G 1/4" manometer fitting
(for outlet pressure)
- assembly position: horizontal, bonnet pointing
downwards
- min. pressure difference (inlet / outlet pressure): 0,3 bar
- no limited reduction ratio
- possible pulse line connection

MEDIA

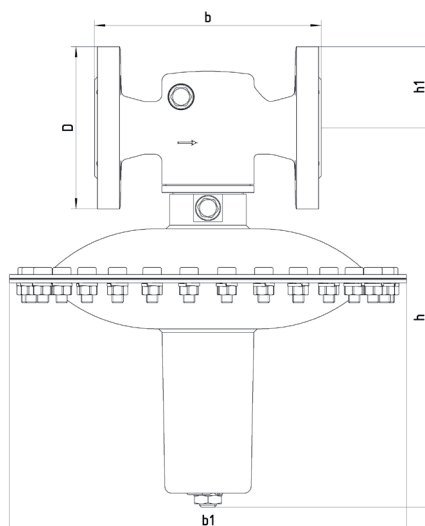
- air and neutral gases

CONFORMITY / CUSTOMS TARIFF NUMBER / CLASSIFICATION SOCIETIES

- DGRL 2014/68/EU
- Customs tariff number 848 110 19
- Certifiable by external classification societies
e.g. DNV
- ATEX directive 2014/34/EU and DIN EN ISO 80079-36



Nominal size	15	20	25	32	40	50	
Type	A				B		
max. inlet pressure [bar]							
DRV 843 / 844	10				10		
DRV 847 / 848							
outlet pressure [mbar]							
DRV 843	7 - 100 30 - 500 50 - 200 150 - 500						
DRV 844							
DRV 847							
DRV 848							
dimensions [mm]							
all types	b1	280	280	280	280	330	330
	b	130	150	160	180	200	230
	D	95	105	115	140	150	165
	h1	48	53	58	70	75	83
	h	261	261	267	267	388	388
weight [kg]							
all types	8,5	9,3	10,1	11,4	18,9	20,7	
kvs-value [m³/h]							
DRV 843 / 844	2,5	2,5	2,5	2,5	3,0	3,0	
DRV 847 / 848	4,3	5,5	5,6	6,3	14,9	16,3	
ATEX							
DRV 843 / 844	II 2G Ex h IIB T6...T5 Gb X						





Article numbers and options / manometer and materials

Article numbers

Nominal size	15	20	25	32	40	50
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Standard version

DRV 843	084302-56380	084303-56380	084304-56380	084305-56380	084306-56380	084307-56380
DRV 844	084402-56380	084403-56380	084404-56380	084405-56380	084406-56380	084407-56380
DRV 847	084702-56380	084703-56380	087304-56380	084705-56380	084706-56380	084707-56380
DRV 848	084802-56380	084803-56380	084804-56380	084805-56380	084806-56380	084807-56380

Options overview

CC - connections			E - elastomers		
56 -	DIN EN 1092 PN 40	standard	2 -	EPDM	ATEX
61 -	ANSI B16.5 RF	class 150 lbs	3 -	FKM	
			8 -	EPDM	with FDA conformity
M - material of wetted inner parts			F - finishes / special versions		
3 -	stainless steel 1.4404		0 -	without additional finishes	
9 -	stainless steel 1.4404 (including internal parts of the spring bonnet)		X -	ATEX version	
			Y -	Sealed bonnet	

Configuration example of an article number with additional options

art.no. standard version						-	C	C	M	E	F
0	8	4	3	0	4	-	6	1	3	2	X
inlet pressure: 6 bar						outlet pressure: 30 mbar			connection: DN 25 ANSI class 150		
seals: EPDM						temperature: 30 °C			without additional finishes		
special version: ATEX											

Manometer

diameter	connection	body	pressure range	max. temp.	art.no.
63 mm	G 1/4", central back	stainless steel	0 - 160 bar	180 °C	009020

Materials

	body	spring bonnet	seals	wetted inner parts	max. temperature
standard version	stainless steel 1.4408	stainless steel 1.4408	EPDM/PTFE, FKM/PTFE	stainless steel 1.4404	180 °C