berluto
Quality under pressure

Datasheet DRV 732-D / 738-D

Pressure reducing valve with female thread • Steam • Stainless steel

PRESSURES

Inlet pressure	max. 16 bar
Outlet pressure	2 - 10 bar



CONNECTIONS

Female thread acc. ISO 228 (G 1/2" up to G 2")
Optionallly with NPT-thread

SEALS AND TEMPERATURES

PTFE / EPDM	-30 °C bis +150 °C
PTFE / EPDM / FEPM	+20 °C bis +200 °C

FEATURES

---- pressure compensation
---- piston-controlled
---- continuously adjustable outlet pressure
---- replaceable inner parts/cartridge principle
---- double-sided G ¼" manometer fitting
(for outlet pressure)
---- assembly position: any desired, preferably vertical
---- min. pressure difference (inlet / outlet pressure): 0,3 bar



MEDIA

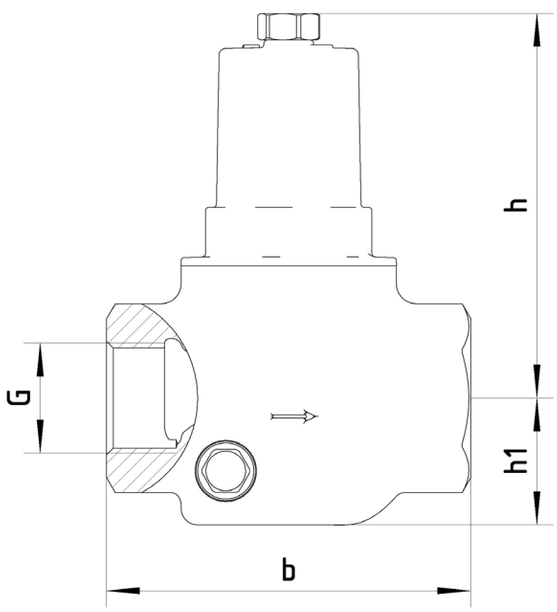
---- hot water and steam
---- aggressive water / other aggressive liquids
---- air and neutral gases (at higher flow rates)

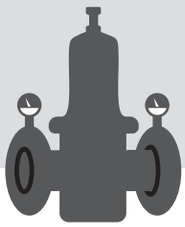
CONFORMITY / CUSTOMS TARIFF NUMBER / CLASSIFICATION SOCIETIES

---- DGRL 2014/68/EU
---- Customs tariff number *848 110 05*
---- Certifiable by external classification societies
e.g. DNV

Technical data

Nominal size		15	20	25	32	40	50
G		1/2″	3/4″	1″	1 1/4″	1 1/2″	2″
Type		A				B	
max. inlet pressure [bar]							
DRV 732-D		16				16	
DRV 738-D		16				16	
outlet pressure [bar]							
DRV 732-D		2 - 5				2 - 5	
DRV 738-D		4 - 10				4 - 10	
dimensions [mm]							
all types	G	1/2″	3/4″	1″	1 1/4″	1 1/2″	2″
	b	95	95	110	120	150	160
	h1	29	29	38	38	38	38
	h	117	117	117	117	217	217
weight [kg]							
DRV 732-D		1,5	1,4	2,2	2,1	5,5	5,4
DRV 738-D		1,5	1,4	2,2	2,1	5,5	5,4
kvs-value [m³/h]							
all types		3,6	4,1	5,3	5,6	13,3	14,0





Article numbers and options / manometer and materials

Article numbers

Nominal size	15	20	25	32	40	50
G	1/2″	3/4″	1″	1 1/4″	1 1/2″	2″

steam up to 150 °C

DRV 732-D	073202-000A0	073203-000A0	073204-000A0	073205-000A0	073206-000A0	073207-000A0
DRV 738-D	073802-000A0	073803-000A0	073804-000A0	073805-000A0	073806-000A0	073807-000A0

steam up to 200 °C

DRV 732-D	073202-000B0	073203-000B0	073204-000B0	073205-000B0	073206-000B0	073207-000B0
DRV 738-D	073802-000B0	073803-000B0	073804-000B0	073805-000B0	073806-000B0	073807-000B0

Options overview

CC - connections

00 -	ISO 228
30 -	NPT - ASME B1.20.1

E - elastomers

A -	PTFE / EPDM	steam up to 150 °C
B -	PTFE / EPDM / FEPM	steam up to 200 °C

M - material of wetted inner parts

0 -	stainless steel 1.4404
9 -	stainless steel 1.4404 (including internal parts of the spring bonnet)

F - finishes

0 -	without additional finishes

Configuration example of an article number with additional options

art.no. standard version						-	C	C	M	E	F
0	7	3	2	0	7	-	3	0	0	B	0

inlet pressure: 6 bar
seals: PTFE / EPDM / FEPM

outlet pressure: 4 bar
temperature: 160 °C

connection: 2″ NPT
without additional finishes

Manometer

diameter	connection	body	pressure range	max. temp.	art.no.
63 mm	G 1/4″, central back	stainless steel	0 - 10 bar	200 °C	009014

Materials

	body	spring bonnet	seals	wetted inner parts	max. temperature
steam up to 150 °C	stainless steel 1.4408	stainless steel 1.4408	PTFE / EPDM	stainless steel 1.4404	150 °C
steam up tp 200 °C	stainless steel 1.4408	stainless steel 1.4408	PTFE / EPDM / FEPM	stainless steel 1.4404	200 °C

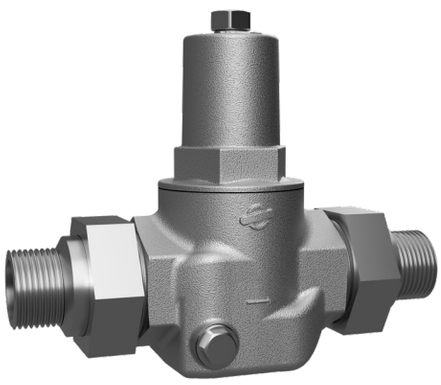
berluto
Quality under pressure

Datasheet DRV 732-D-R / 738-D-R

Pressure reducing valve with male thread • Steam • Stainless steel

PRESSURES

Inlet pressure	max. 16 bar
Outlet pressure	2 - 10 bar



CONNECTIONS

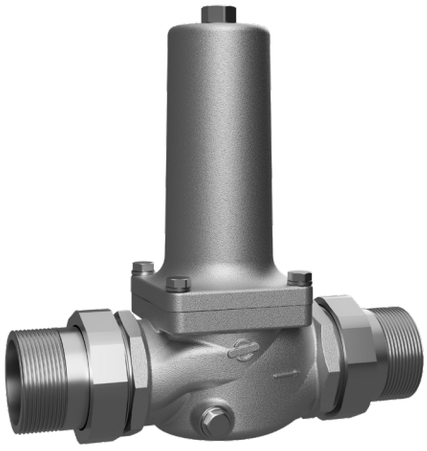
Male thread acc. ISO 7 (R 1/2" up to R 2")

SEALS AND TEMPERATURES

PTFE / EPDM	-30 °C bis +150 °C
PTFE / EPDM / FEPM	+20 °C bis +200 °C

FEATURES

---- pressure compensation
---- diaphragm-controlled
---- continuously adjustable outlet pressure
---- with integrated strainer filter
---- replaceable inner parts/cartridge principle
---- double-sided G ¼" manometer fitting
(for outlet pressure)
---- assembly position: any desired, preferably vertical
---- min. pressure difference (inlet / outlet pressure): 0,3 bar



MEDIA

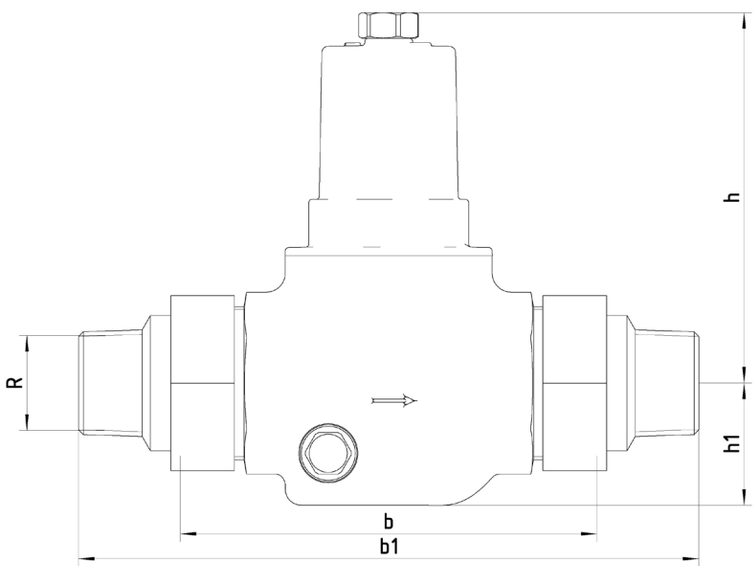
---- hot water and steam
---- aggressive water / other aggressive liquids
---- air and neutral gases (at higher flow rates)

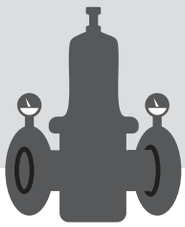
CONFORMITY / CUSTOMS TARIFF NUMBER / CLASSIFICATION SOCIETIES

---- DGRL 2014/68/EU
---- Customs tariff number *848 110 05*
---- Certifiable by external classification societies
e.g. DNV

Technical data

Nominal size	15	20	25	32	40	50
G	1/2″	3/4″	1″	1 1/4″	1 1/2″	2″
Type	A				B	
max. inlet pressure [bar]						
DRV 732-D-R	16				16	
DRV 738-D-R	16				16	
outlet pressure [bar]						
DRV 732-D-R	2 - 5				2 - 5	
DRV 738-D-R	4 - 10				4 - 10	
dimensions [mm]						
G	1/2″	3/4″	1″	1 1/4″	1 1/2″	2″
b	105	105	122	122	160	160
all types	168	168	195	195	250	250
h1	29	29	38	38	38	38
h	117	117	117	117	217	217
weight [kg]						
DRV 732-D-R	1,7	1,7	2,9	2,9	6,7	6,7
DRV 738-D-R	1,7	1,7	2,9	2,9	6,7	6,7
kvs-value [m³/h]						
all types	3,6	4,1	5,3	5,6	13,3	14,0





Article numbers and options

Article numbers

Nominal size	15	20	25	32	40	50
R	1/2″	3/4″	1″	1 1/4″	1 1/2″	2″

steam up to 150 °C

DRV 732-D-R	073202-R00A0	073203-R00A0	073204-R00A0	073205-R00A0	073206-R00A0	073207-R00A0
DRV 738-D-R	073802-R00A0	073803-R00A0	073804-R00A0	073805-R00A0	073806-R00A0	073807-R00A0

steam up to 200 °C

DRV 732-D-R	073202-R00B0	073203-R00B0	073204-R00B0	073205-R00B0	073206-R00B0	073207-R00B0
DRV 738-D-R	073802-R00B0	073803-R00B0	073804-R00B0	073805-R00B0	073806-R00B0	073807-R00B0

Options overview

CC - connections

R0 -	ISO 7

M - material of wetted inner parts

0 -	stainless steel 1.4404
9 -	stainless steel 1.4404 (including internal parts of the spring bonnet)

E - elastomers

A -	PTFE / EPDM	steam up to 150 °C
B -	PTFE / EPDM / FEPM	steam up to 200 °C

F - finishes

0 -	without additional finishes

Configuration example of an article number with additional options

art.no. standard version						-	C	C	M	E	F
0	7	3	2	0	7	-	R	0	0	B	0

inlet pressure: 6 bar
seals: EPDM

outlet pressure: 4 bar
temperature: 160 °C

connection: 2″ ISO 7
without additional finishes

Manometer

diameter	connection	body	pressure range	max. temp.	art.no.
63 mm	G 1/4″, central back	stainless steel	0 - 10 bar	200 °C	009014

Materials

	body	spring bonnet	seals	wetted inner parts	max. temperature
steam up to 150 °C	stainless steel 1.4408	stainless steel 1.4408	PTFE / EPDM	stainless steel 1.4404	150 °C
steam up to 200 °C	stainless steel 1.4408	stainless steel 1.4408	PTFE / EPDM / FEPM	stainless steel 1.4404	200 °C