

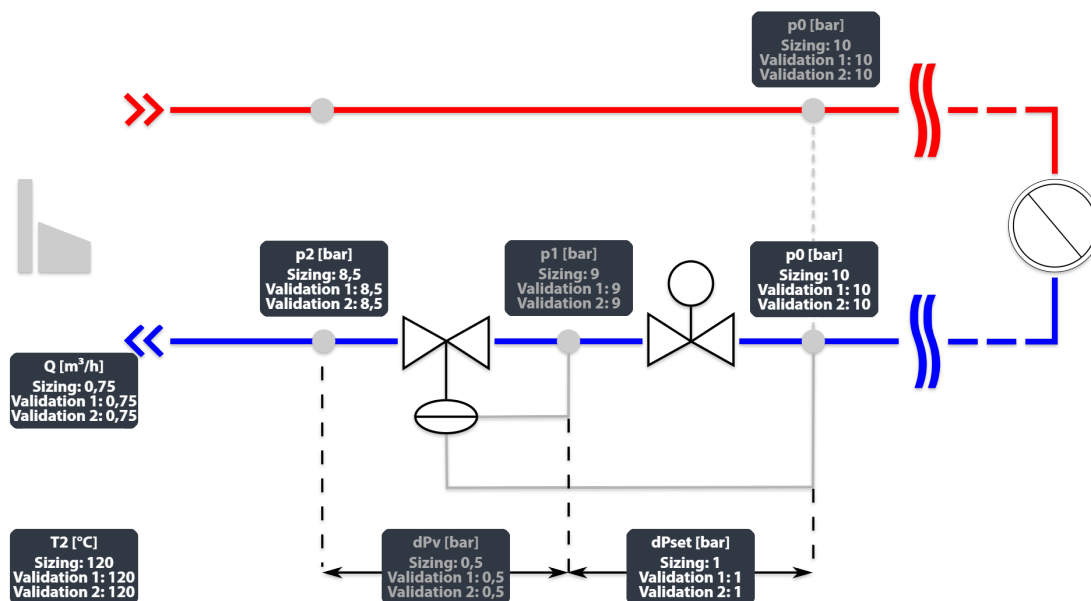
	List number	P-37345713
	List name	
	List date	10.12.2025
	Total Amount	755,54 EUR

Selected products

1. Differential pressure control

Material number	Type	Description	Qty.	Price
003H6206	AVP	AVP PN16 15/1,6 0,2-1,0 thread return	1	693,31 EUR
003H6854	Impulse tubes	Impulse tube set AV R 1/2",fi 6x1,5m	1	62,23 EUR
Total Amount				755,54 EUR

1. Differential pressure control



Calculation data	
Available Pressure (p0)	10 bar
AvailablePressure_diagram	10 bar
Calculated Kv	1,06 m³/h
Cavitation [bar]	4,81
Cavitation Factor	Standard
Connection type	External thread
Flow (Q)	0,75 m³/h
Intelligent functions (iSET/iNET)	No
Max Temperature [°C]	150
Mounting position	Return
Pressure (p1)	9 bar
Pressure (p2)	8,5 bar
Pressure drop over the valve (dPv)	0,5 bar
Pressure drop settings (dPset)	1 bar
PressureAfterValve_diagram	8,5 bar
Set flow	Enter flow
Temperature (T2)	120 °C
Valve opening [%]	66,25
Velocity [m/s]	1,18

Valves



Code number	003H6206
Product name	AVP PN16 15/1,6 0,2-1,0 thread return
Description	AVP PN16 15/1,6 0,2-1,0 thread return
Quantity	1

Technical data	
Type	AVP
Material description	AVP PN16 15/1,6 0,2-1,0 thread return
Cavitation factor	0.60
Diameter	15 mm
Differential pressure setting [Max]	1.00 bar
Differential pressure setting [Min]	0.20 bar
Kvs values	1.60 m ³ /h
Media temperature [Max]	150 °C
Connection size	G 3/4 A
Connection type	External thread
EAN	5702421537305
Gross weight	1.75
Leakage rate [% Kvs]	0.02 % kvs
Media temperature [Min]	2 °C
Medium alternative	Glycolic water up to 30%
Mounting version	Return
Number of ports	2
Picture Number	IMG037342483661
Pressure nominal	16 bar
Sealing DP material	EPDM
Setting type	Adjustable
Valve body material	Red bronze CuSn5ZnPb (Rg5)
Valve cone DP material	Dezincing free brass CuZn36Pb2As
Weight Unit	kg

Accessories



Code number	003H6854
Product name	Impulse tube set AV R 1/2",fi 6x1,5m
Description	Impulse tube set AV R 1/2##,fi 6x1,5m
Quantity	1

Technical data	
Type	Impulse tubes
Material description	Impulse tube set AV R 1/2",fi 6x1,5m
Connection size	R 1/2
EAN	5702421541586
Gross weight	0.41
Length	1,500 mm
Material	Copper Cu-DHP CW024A H040
Picture Number	003H6853
Pressure nominal	25 bar
Suitable for valve of diameter Max	50 mm
Suitable for valve of diameter Min	15 mm
Weight Unit	kg

This report is based upon data from (or provided to) the person who generated this report and a set of standard assumptions including but not limited to a selection of an application type. The results and recommendations assume the correct installation and use. As the results and recommendations of this report including, without limitation, the calculated flows, dimensions, cavitation, pressure losses etc. can vary according to the concrete circumstances these are only indicative and are given without any obligation and responsibility for Danfoss A/S or any of its affiliates ("Danfoss"). The calculated savings are not guaranteed or warranted by Danfoss. Danfoss accepts no responsibility for errors and omissions in the information and calculations.