

Summary

Position data

Location	Sporta iela 5 (Malta)
Description	Karstā ūdens sagatavošanas loks

Values and Selections

Application	District Heating
Flow limitation	No
Medium	Water
Heating supply	60 (°C)
Heating return	20 (°C)
Power	177 kW
Cavitation calculations	No

Specified values

dP across the valve	25 kPa
Valve authority, Va	0,71
dP available	35 kPa
dP across the system	10 kPa
Flow rate	3,8 m3/h
kv value	7,61 m3/h

Valve data

Type	VM 2
Code No.	065B2028
dP valve	22,62 kPa
Valve authority	0,65
DN	25 mm
kvs	8 m3/h
PN	25 bar
Medium	Circulation water
Medium alt. 1	Glycolic water up to 30%
tmin	2 °C
tmax	150 °C
No. of ports	2 way
Spindel position	Normally open
Connection type	Ext. thread
Connection size	G 1 1/4 A
Valve body	RG 5 (CUSN5ZnPb)
Max. differential pressure	16 bar
Stroke	7 mm
Flow characteristic	Split
Mixing characteristic	-
Cavitation factor	0,5
Control ratio	Min. 50:1
Leakage through port (max.)	max 0.05 % kvs
Pressure relief	Yes
Remarks	Max. dP closing pressure: 16 bar. Glycolic water 30% to 5 °C.
EAN	5702421523506



Resulting values

dP across the valve	22,62 kPa
Valve authority, Va	0,65
min. dP available	32,62 kPa
dP across the system	10 kPa
Flow rate	3,8 m3/h
kvs	8 m3/h

Actuator data

Type	AMV 30
Code No.	082G3011
Running time	21 s
dP Max	2500 kPa
Safety function	No
Supply voltage	230 V ac
Frequency	50/60 Hz
Power consumption	7 VA
Enclosure	54 IP
Control type	3-point
Stem force	450 N
Max. Stroke	10 mm
Spindle speed	3 s/mm
Turn time	0 s
Manual operation	Yes
Spring down (return)	No
Spring up	No
Speed type	Fast
Min. ambient temperature	0 °C
Max. ambient temperature	55 °C
Min. storage temperature	-40 °C
Max. storage temperature	70 °C
Remarks	Built-in torque protection and position indication. Built-in manual operation. Additional accessories: Additional switch (2x) (082G3201), Additional switch (2x) and potentiometer 10 kohm (082G3202), Additional switch (2x) and potentiometer 1 kohm (082G3203). Not allowed: Mounting with the connection upwards.
EAN	5702421510599

