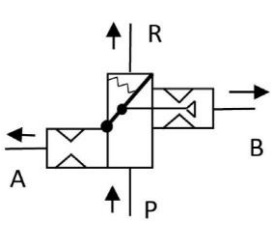


Quotation	3042981.1	Rev.	0	prev. Order No.	K08-1279.1
Customer	Impexron GmbH/105951			Data Sheet No.	DB3042981.1
Inquiry No.	1470891			Quantity	1
Project					
Tag No. / KKS No.					

Type	TDM086UV-005-CS	PUMP PROTECTION VALVE
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Valve Design						
	Connection	Size	Class	Standard	Schedule	Surface
P	Inlet	NPS 2	CLASS 600	ASME B16.5	80	RF
R	Outlet	NPS 2	CLASS 600	ASME B16.5	80	RF
B	Bypass	NPS 1	CLASS 600	ASME B16.5	80	RF
A	Start-Up					



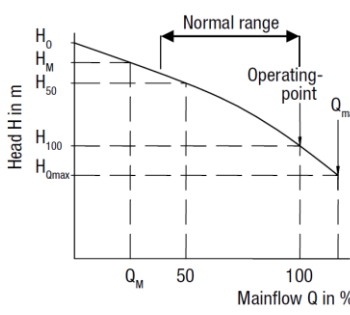
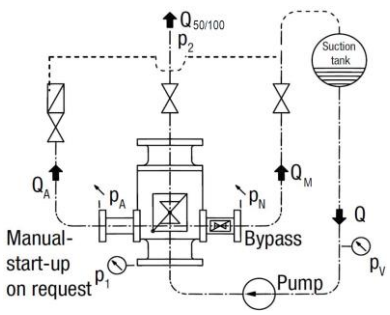
Installation P-R	vertical
Painting	Standard 2 acc. to 1Q352
Certificates	ASME B16.34 + EN10204-3.1

Design Data			
Design Temp.	125 °C	Design Pressure	

Material			
Body	A105	Internals	Cr>13%
Gaskets	EPDM-02		

Medium			
Medium	Boiler feed water		
Operating Temp.	min.	120,00 °C	max.
S.G.	min.	0,943 t/m³	max.

Operating Data				
		Case 1	Case 2	Case 3
Q_M	m³/h	4,00		
H_M	m	721,00		
Q_{100}	m³/h	14,00		
H_{100}	m	708,00		
Q_{max}				
H_{max}				
H_0				
Q_A				
H_A				
p_v				
p_N				
Δp_{Bypass}	bar	66,67		
$k_v\text{-Bypass}$		0,48		
RPM				

The hydraulic non-return function is activated when $P_n > P_1 + 2 \text{ bar } g$

Remarks

previous valve code: TDM086UVW-CS

Revision	Date	Description	Name
0	08.10.2024	Anlage/creation	Koehler