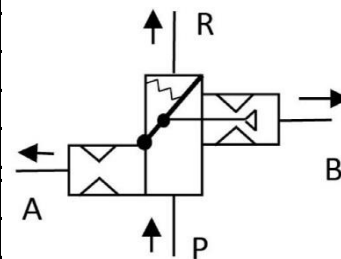


Quotation	3054018.1	Rev.	0	prev. Order No.	K92-0047	
Customer	Impexron GmbH/105951			Data Sheet No.	DB3054018.1	
Inquiry No.	2057539			Quantity	1	
Project						
Tag No. / KKS No.						
Type	TDM108UV-007S-CS			PUMP PROTECTION VALVE		
Valve Design						
	Connection	Size	Class	Standard	Schedule	Surface
P	Inlet	NPS 3	CLASS 1500	ASME B16.5	80	RF
R	Outlet	NPS 4	CLASS 1500	ASME B16.5	80	RF
B	Bypass	NPS 1 1/2	CLASS 1500	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					

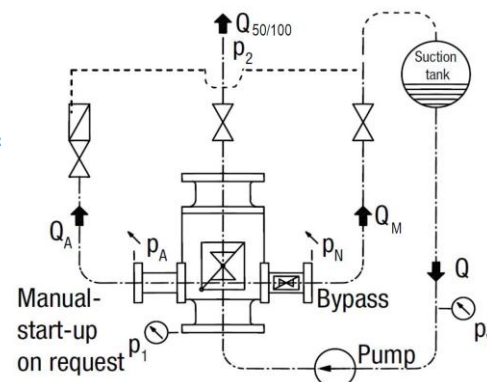
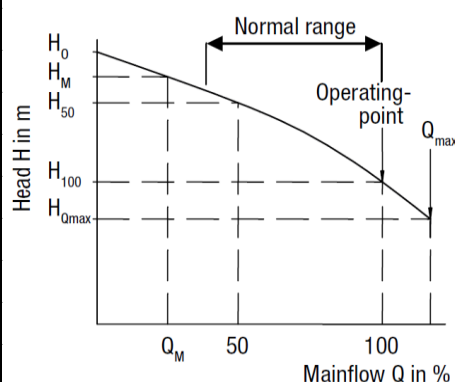


Design Data					
Design Temp.	135 °C	Design Pressure			

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

Medium					
Medium	Boiler feed water				
Operating Temp.	min.	130,00 °C		max.	130,00 °C
S.G.	min.	0,934 t/m³		max.	0,934 t/m³

Operating Data				
		Case 1	Case 2	Case 3
Q _M	m³/h	30,00		
H _M	m	1780,00		
Q ₁₀₀	m³/h	147,5		
H ₁₀₀				
Q _{max}				
H _{max}				
H ₀				
Q _A				
H _A				
p _v				
p _N				
Δp _{Bypass}		163,03		
k _{v-Bypass}		2,27		
RPM				



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

Remarks			
previous valve code: TDM108UVWS-CS			
Valve with special dimension L = 460 mm and bigger outlet connection size			
Further preorders: 4003779.1, 4013549.1			
Revision	Date	Description	Name
0	02.10.2026	Anlage/creation	Puhl