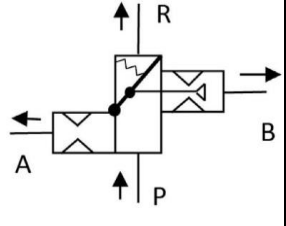


Quotation	3015108.1	Rev.	0	prev. Order No.	K13-0642.20
Customer	Impexron GmbH/105951			Data Sheet No.	DB3015108.1
Inquiry No.	Preis Anfrage 383692			Quantity	2
Project	PP10 Bemco				
Tag No. / KKS No.					

Type	SUL163UV-CS	PUMP PROTECTION VALVE
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Valve Design						
	Connection	Size	Class	Standard	Schedule	Surface
P	Inlet	NPS 10	CLASS 150	ASME B16.5		RF
R	Outlet	NPS 10	CLASS 150	ASME B16.5		RF
B	Bypass	NPS 4	CLASS 150	ASME B16.5		RF
A	Start-Up					



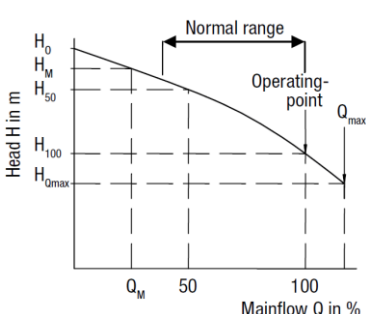
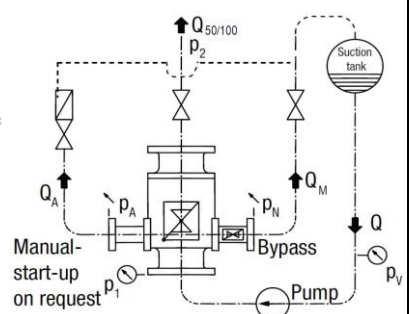
Installation P-R	vertical
Painting	SA Standard Type 1
Certificates	ASME B16.34 + EN10204-3.1

Design Data			
Design Temp.	90,00 °C	Design Pressure	10,00 bar g

Material					
Body	A216 WCB	Internals	Cr>13%	Gaskets	EPDM-02

Medium					
Medium	Liquid				
Operating Temp.	min.	55,00 °C		max.	55,00 °C
S.G.	min.	0,985 t/m³		max.	0,985 t/m³

Operating Data				
		Case 1	Case 2	Case 3
Q_M	m³/h	289,5		
H_M	m	76,00		
Q_{100}	m³/h	598,00		
H_{100}	m	62,94		
Q_{max}				
H_{max}				
H_0	m	76,53		
Q_A				
H_A				
p_v	bar g	1,00		
p_N	bar g	1,44		
Δp_{Bypass}	bar	6,9		
$k_v-Bypass$		109,37		
RPM				

Remarks

Medium: Cooling Water

Revision	Date	Description	Name
0	18.09.2019	Anlage/creation	Koehler