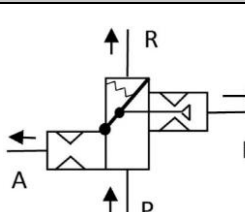


Quotation	3025177.1	Rev.	0	prev. Order No.	K12-0359.1
Customer	PARTELLI S.r.l./109769			Data Sheet No.	DB3025177.1
Inquiry No.	710510			Quantity	1
Project	Isgec Heavy engineering				
Tag No. / KKS No.					

Type	TDM118UV-008-CS	PUMP PROTECTION VALVE
------	------------------------	------------------------------

Valve Design						
	Connection	Size	Class	Standard	Schedule	Surface
	P Inlet	NPS 4	CLASS 1500	ASME B16.5	80	RF
	R Outlet	NPS 4	CLASS 1500	ASME B16.5	80	RF
	B Bypass	NPS 2	CLASS 1500	ASME B16.5	80	RF
	A Start-Up					



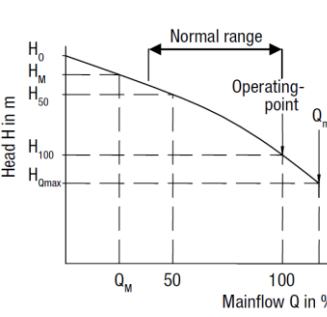
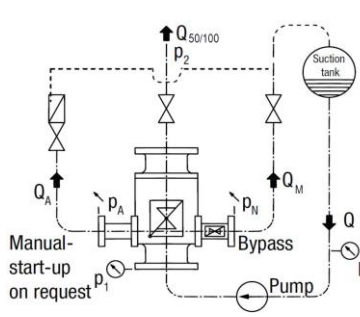
Installation P-R	vertical
Painting	SA Standard Type 2
Certificates	ASME B16.34 + EN10204-3.1

Design Data			
Design Temp.	145,00 °C	Design Pressure	

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

Medium			
Medium	Boiler feed water		
Operating Temp.	min.	138,55 °C	max.
S.G.	min.	0,927 t/m³	max.

Operating Data				
		Case 1	Case 2	Case 3
Q_M	m³/h	54,7		
H_M	m	1785,00		
Q_{100}	m³/h	146,5		
H_{100}	m	1567,00		
Q_{max}	m³/h	176,9		
H_{max}				
H_0				
Q_A				
H_A				
p_v	bar g	4,41		
p_N	bar g	6,41		
Δp_{Bypass}	bar	160,27		
$k_v\text{-Bypass}$		4,16		
RPM				

Remarks

previous valve code: TDM118UVW-CS

Revision	Date	Description	Name
0	05.08.2021	Anlage/creation	Oldenboom