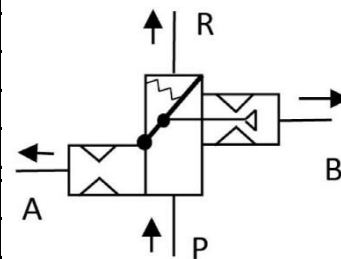


Quotation	3051047.1	Rev.	0	prev. Order No.	K12-0206.1
Customer	Impexron GmbH/105951			Data Sheet No.	DB3051047.1
Inquiry No.	1855362			Quantity	2
Project	Coolkeeragh/Ireland				
Tag No. / KKS No.					
Type	TDM138FV-009-CS			PUMP PROTECTION VALVE	
Valve Design					
	Connection	Size	Class	Standard	Schedule Surface
P	Inlet	DN 150	PN 250	EN 1092-1	B1
R	Outlet	DN 150	PN 250	EN 1092-1	B1
B	Bypass	DN 65	PN 250	EN 1092-1	B1
A	Start-Up				
Installation P-R	vertical				
Painting	Standard 2 acc. to 1Q352				
Certificates	2014/68/EU + EN10204-3.1				

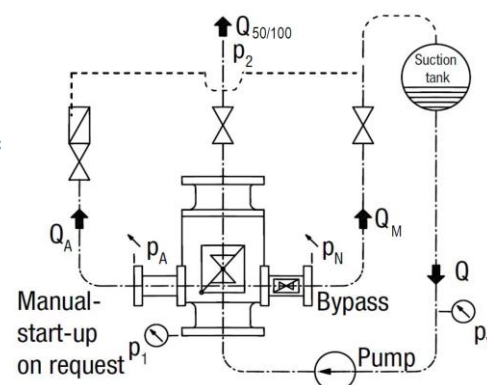
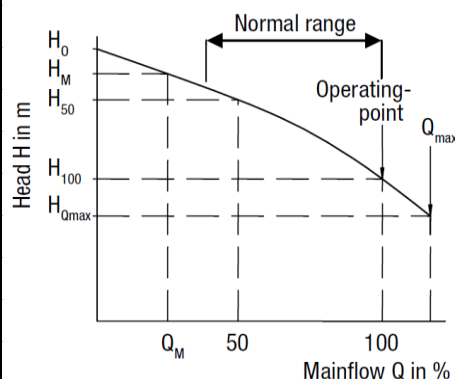


Design Data					
Design Temp.	170 °C	Design Pressure			

Material					
Body	1.0460	Internals	Cr>13%	Gaskets	FEPM-02

Medium					
Medium	Boiler feed water				
Operating Temp.	min.	153,00 °C		max.	153,00 °C
S.G.	min.	0,914 t/m³		max.	0,914 t/m³

Operating Data				
		Case 1	Case 2	Case 3
Q _M	m³/h	100,00		
H _M	m	1910,00		
Q ₁₀₀	m³/h	345,00		
H ₁₀₀	m	1522,00		
Q _{max}				
H _{max}				
H ₀				
Q _A				
H _A				
p _v	bar g	6,4		
p _N	bar g	8,9		
Δp _{Bypass}	bar	168,69		
k _{v-Bypass}		7,36		
RPM				



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

Remarks			
previous valve code: TDM138FVW-CS			
Revision	Date	Description	Name
0	11.03.2026	Anlage/creation	Puhl