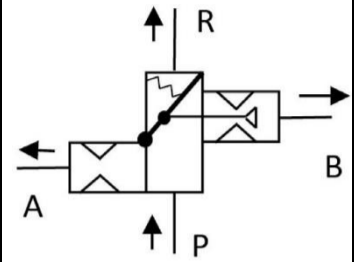


Quotation	3045582.1	Rev.	0	prev. Order No.	K11-0803.1	
Customer	Impexron GmbH/105951			Data Sheet No.	DB3045582.1	
Inquiry No.	1568493	Quantity	1			
Project	Abidjan, Ivory Coast					
Tag No. / KKS No.						
Type	TDM107FV-007-CS			PUMP PROTECTION VALVE		
Valve Design						
	Connection	Size	Class	Standard	Schedule	Surface
P	Inlet	DN 80	PN 160	EN 1092-1		B1
R	Outlet	DN 80	PN 160	EN 1092-1		B1
B	Bypass	DN 40	PN 160	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.	105 °C	Design Pressure			

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

Medium					
Medium	Kesselspeisewasser				
Operating Temp.	min.	105,00 °C		max.	105,00 °C
S.G.	min.	0,955 t/m³		max.	0,955 t/m³

Operating Data					
		Case 1	Case 2	Case 3	
Q_M	m³/h	22,88			<p>The hydraulic non-return function is activated when $P_n > P_1 + 2 \text{ bar g}$</p>
H_M	m	710,00			
Q₁₀₀	m³/h	82,2			
H₁₀₀	m	610,00			
Q_{max}					
H_{max}					
H₀	m	715,00			
Q_A					
H_A					
p_v	bar g	0,68			
p_N					
Δp_{Bypass}	bar	67,17			
k_{v-Bypass}		2,73			
RPM					

Remarks			
previous valve code: TDM107FVW-CS Painting: RAL 9006			

Revision	Date	Description	Name
0	21.03.2025	Anlage/creation	Puhl