

Quotation	3020677.1	Rev.	0	prev. Order No.	K94-0116
Customer	Impexron GmbH/105951			Data Sheet No.	DB3020677.1
Inquiry No.	521541	Quantity	2		
Project					
Tag No. / KKS No.					

Type	TDM118SV-007-CS	PUMP PROTECTION VALVE
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Valve Design						
	Connection	Size	Class	Standard	Schedule	Surface
P	Inlet	NPS 4	CLASS 1500	ASME B16.25	160	S
R	Outlet	NPS 4	CLASS 1500	ASME B16.25	160	S
B	Bypass	NPS 1 1/2	CLASS 1500	ASME B16.5	160	RTJ
A	Start-Up					

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

Design Data	
Design Temp.	148,00 °C
Design Pressure	

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

Medium	
Medium	Boiler feed water
Operating Temp.	min. 148,00 °C max. 148,00 °C
S.G.	min. 0,918 t/m³ max. 0,918 t/m³

Operating Data				
		Case 1	Case 2	Case 3
Q_M	m³/h	40,3		
H_M	m	1968,00		
Q_{100}	m³/h	127,3		
H_{100}	m	1820,00		
Q_{max}				
H_{max}				
H_0				
Q_A				
H_A				
p_v				
p_N				
Δp_{Bypass}	bar	177,16		
$k_v-Bypass$		2,90		
RPM				

Remarks

previous valve code: TDM118SV-CS

further predeliveries: K14-0138.1; K07-0830.1; K06-0522.1; K03-0559.1; K99-0266.1

Revision	Date	Description	Name
0	06.10.2020	Anlage/creation	Koehler