

Quotation	3021748.1	Rev.	0	prev. Order No.	4002460.1
Customer	Impexron GmbH/105951			Data Sheet No.	DB3021748.1
Inquiry No.	566248	Quantity	1		
Project					
Tag No. / KKS No.					

Type	TDL094FV-007R-CS	PUMP PROTECTION VALVE
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Valve Design						
	Connection	Size	Class	Standard	Schedule	Surface
P	Inlet	DN 65	PN 40	EN 1092-1		B1
R	Outlet	DN 65	PN 40	EN 1092-1		B1
B	Bypass	DN 40	PN 40	EN 1092-1		B1
A	Start-Up					

Installation P-R	vertical
Painting	SA Standard Type 2
Certificates	2014/68/EU + EN10204-3.1

Design Data			
Design Temp.	120,00 °C	Design Pressure	

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

Medium					
Medium	Boiler feed water				
Operating Temp.	min.	102,00 °C		max.	102,00 °C
S.G.	min.	0,957 t/m³		max.	0,957 t/m³

Operating Data				
		Case 1	Case 2	Case 3
Q_M	m³/h	4,71		
H_M	m	220,00		
Q_{100}	m³/h	31,35		
H_{100}	m	210,00		
Q_{max}				
H_{max}				
H_0	m	223,18		
Q_A				
H_A				
p_v	bar g	2,00		
p_N	bar g	4,5		
Δp_{Bypass}	bar	18,15		
$k_v-Bypass$		1,08		
RPM				

Remarks

previous valve code: TDL094FVW-CS

Revision	Date	Description	Name
0	18.12.2020	Anlage/creation	Koehler