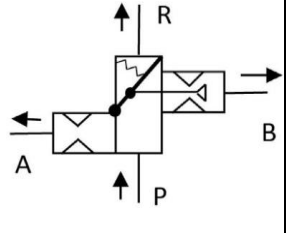


Quotation	<b>3019522.1</b>	Rev.	<b>0</b>	prev. Order No.	<b>K07-0106.1</b>
Customer	<b>Impexron GmbH/105951</b>			Data Sheet No.	<b>DB3019522.1</b>
Inquiry No.	<b>478509</b>	Quantity	<b>1</b>		
Project					
Tag No. / KKS No.					

Type	<b>TDL056UVW-CS</b>	<b>PUMP PROTECTION VALVE</b>
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Valve Design						
	Connection	Size	Class	Standard	Schedule	Surface
<b>P</b>	Inlet	<b>NPS 1</b>	<b>CLASS 600</b>	<b>ASME B16.5</b>	<b>80</b>	<b>RF</b>
<b>R</b>	Outlet	<b>NPS 1</b>	<b>CLASS 600</b>	<b>ASME B16.5</b>	<b>80</b>	<b>RF</b>
<b>B</b>	Bypass	<b>NPS 1</b>	<b>CLASS 600</b>	<b>ASME B16.5</b>	<b>80</b>	<b>RF</b>
<b>A</b>	Start-Up					



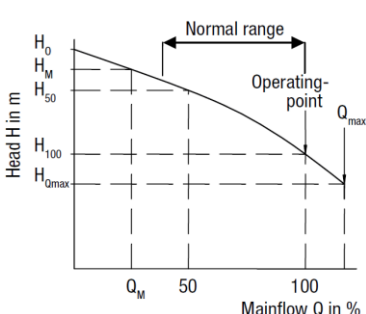
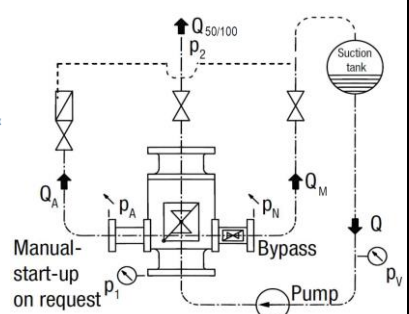
Installation P-R	<b>vertical</b>
Painting	<b>SA Standard Type 1</b>
Certificates	<b>ASME B16.34 + EN10204-3.1</b>

Design Data						
Design Temp.	<b>120,00</b>	<b>°C</b>	Design Pressure			

Material						
Body	<b>A105</b>	Internals	<b>Cr&gt;13%</b>	Gaskets	<b>EPDM-02</b>	

Medium						
Medium	<b>Water</b>					
Operating Temp.	min.	<b>105,00</b>	<b>°C</b>	max.	<b>105,00</b>	<b>°C</b>
S.G.	min.	<b>0,955</b>	<b>t/m³</b>	max.	<b>0,955</b>	<b>t/m³</b>

Operating Data				
		Case 1	Case 2	Case 3
$Q_M$	m³/h	<b>3,5</b>		
$H_M$	m	<b>414,00</b>		
$Q_{100}$	m³/h	<b>8,00</b>		
$H_{100}$	m	<b>402,00</b>		
$Q_{max}$	m³/h	<b>9,00</b>		
$H_{max}$				
$H_0$				
$Q_A$				
$H_A$				
$p_v$	bar g	<b>1,00</b>		
$p_N$	bar g	<b>1,00</b>		
$\Delta p_{Bypass}$	bar	<b>38,77</b>		
$k_v-Bypass$		<b>0,55</b>		
RPM				

Remarks			

Revision	Date	Description	Name
<b>0</b>	<b>13.07.2020</b>	<b>Anlage/creation</b>	<b>Koehler</b>