

Customer	Impexron GmbH	Quotation	
Inquiry No		prev. Order No	
Certificates	ASME B16.34_EN10204-3.1	Quantity	1.00
Project			

## Pump protection valve TDM086UHW-SD

### Valve Design

	Connect.	nom. Size	Press.	acc.	Schedule	Surface	Installation P - R
<b>P</b>	Inlet	2"	600lbs	ASME B16.5	80	RF	
<b>R</b>	Outlet	2"	600lbs	ASME B16.5	80	RF	
<b>B</b>	Bypass	1"	600lbs	ASME B16.5	80	RF	

Painting	not applicable
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### Material / Medium / Design Data

Body	Check Valve	Internals	nuts/bolts	Seals
<b>A479 (F55)</b>	<b>1.4501</b>	<b>A479 (F51)</b>	<b>1.7709</b>	<b>PTFE</b>
Medium	<b>Liquid *</b>		Design Temp.	<b>100.00 [°C]</b>
S.G.	0.7750		Design Press.	

Remark:  
\* HC Condensate&Water

### Operating Data

Work Case	RPM	Flow Rate	Pressure	Suction Press.	Back Pressure	Diff. Pressure	Temperature	S.G.	Kv
	1/min	m³/h	m	bar g	bar g	undef	°C	-	
<b>QM</b>		<b>7.60</b>	<b>188.40</b>	<b>11.70</b>	<b>11.70</b>		<b>74.10</b>	<b>0.7750</b>	<b>1.7681</b>
<b>Q100</b>		<b>19.60</b>	<b>171.20</b>	<b>11.70</b>			<b>74.10</b>	<b>0.7750</b>	
<b>H0</b>		<b>0.00</b>	<b>27.50</b>	<b>11.70</b>			<b>74.10</b>	<b>0.7750</b>	

Revision	Date	Description	Name
<b>0</b>	<b>Aug 10, 2016</b>	<b>Prepared</b>	<b>REINHARD.GOESSELKEHE</b>