



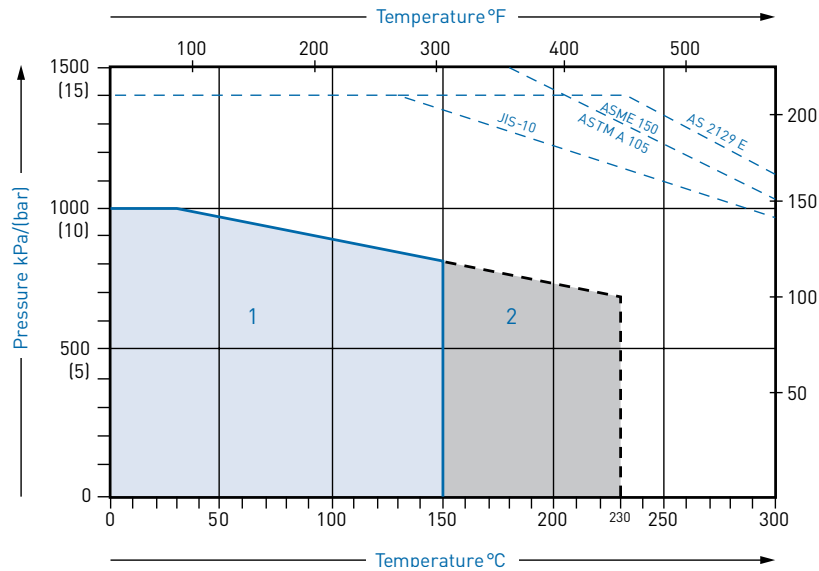




# KEYSTONE FIGURE 951 KNIFE GATE VALVE

50 - 300MM

## PRESSURE/TEMPERATURE GRAPH



## PRESSURE/TEMPERATURE RATINGS

### RTFE seated

1000 kPa/(10 bar) @ 20°C  
770 kPa/(7.7 bar) @ 150°C

### Metal seated

1000 kPa/(10 bar) @ 20°C  
700 kPa/(7 bar) @ 230°C

### Viton seated

1000 kPa/(10 bar) @ 20°C  
770 kPa/(7 bar) @ 150°C

1. RTFE seated valve trim code numbers is 182.  
Viton seated valve trim code number is 179
2. S.G. Iron seated valve trim code number is 172.

## TYPICAL SPECIFYING SEQUENCE

<b>150</b>	<b>F951</b>	<b>172</b>	<b>AS 2129 E</b>
Valve size	Figure number	Trim code	End connections

Size range: 50 - 300mm  
Figure No: F951 - Wafer style rising spindle uni-directional valve.

Trim code	Body	Gate	Seat	Gland box	Bridge	Spindle	Packing
172*	S.G. Iron	316 S/S	S.G. Iron	S.G. Iron	Mild steel	304 S/S	K-LON
179*	S.G. Iron	316 S/S / PTFE#	Viton	S.G. Iron	Mild steel	304 S/S	K-LON
182*	S.G. Iron	316 S/S	RTFE	S.G. Iron	Mild steel	304 S/S	K-LON

### NOTE:

# Gates are 316 S/S, coated with PTFE.

Subject to material availability and delivery obligations, Pentair reserves the right to supply higher grade materials for any component, eg. 316 S/S in lieu of 304 S/S.

Non-rising spindle design is available upon request.

\* 50 - 200mm bridge 304 S/S.

- |                            |   |   |
|----------------------------|---|---|
| End connections (to suit): | <ul style="list-style-type: none"> <li>• AS 2129, Table C,D,E metric threads</li> <li>• ASME B16.5, Class 125 &amp; 150 UNC threads</li> <li>• BS 4504, PN 10 and 16</li> </ul> | <ul style="list-style-type: none"> <li>• JIS B2210, Table 5, 10</li> <li>• DIN 2501, Table 10, 16</li> <li>• ASME B16.5, Class 125 and 150 metric threads (for N.Z.)</li> </ul> |
|----------------------------|---|---|

### NOTE:

To minimise risk to personnel, Pentair recommend the use of purpose built guards and shrouds. Refer to the Pentair data sheet or consult factory for details.



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