

KEYSTONE FIGURE 952 KNIFE GATE VALVE

50 - 600MM

STANDARD SEAT DETAIL



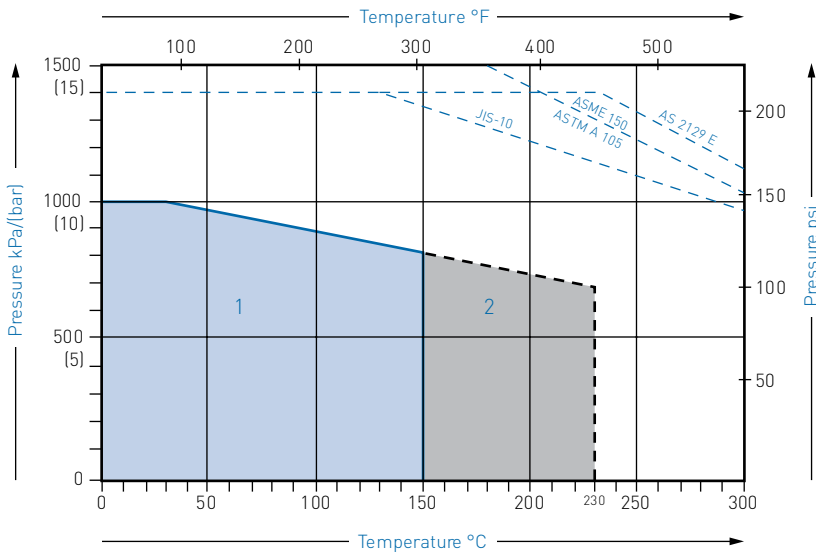
PRESSURE/TEMPERATURE RATINGS

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

PRESSURE/TEMPERATURE GRAPH



- RTFE seated valve trim code numbers are 176 & 177.
 Viton seated valve trim code number is 180
- Metal - S.G. Iron seated valve trim code number is 170, 172.
 - 316 S/S seated valve trim code numbers are 170, 171.
 - 304 S/S seated valve trim code number is 185.

TYPICAL SPECIFYING SEQUENCE

250	F952	170	AS 2129 E
Valve size	Figure number	Trim code	End connections

Size range: 50 - 600mm
 Figure No: F952 - Lugged style rising and non rising spindle uni-directional valve.

- NOTE:**
- * Gates are 316 S/S, coated with PTFE.
 - Available in sizes 350 - 600mm only.
 - Non-rising spindle design available upon request.

Trim code	Body	Gate	Seat	Gland box	Bridge	Spindle	Packing
172•	S.G. Iron	316 S/S	S.G. Iron	S.G. Iron	S.G. Iron	304 S/S	K-LON
182•	S.G. Iron	316 S/S	RTFE	S.G. Iron	S.G. Iron	304 S/S	K-LON
170	316 S/S	316 S/S	316 S/S	304 S/S	304 S/S	304 S/S	K-LON
171	316 S/S	316 S/S	316 S/S	S.G. Iron	S.G. Iron	304 S/S	K-LON
176	316 S/S	316 S/S	RTFE	304 S/S	304 S/S	304 S/S	K-LON
177	316 S/S	316 S/S	RTFE	S.G. Iron	S.G. Iron	304 S/S	K-LON
180	316 S/S	316 S/S/PTFE*	Viton	304 S/S	304 S/S	304 S/S	K-LON

- 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.

- End connections (to suit):
- AS 2129, Table C,D,E metric threads
 - ASME B16.5, Class 125 & 150 UNC threads
 - BS 4504, PN 10 and 16
 - JIS B2210, Table 5, 10
 - DIN 2501, Table 10, 16
 - ASME B16.5, Class 125 and 150 metric threads (for N.Z.)



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