

30K PSI FxF NEEDLE VALVE SERIES: HP

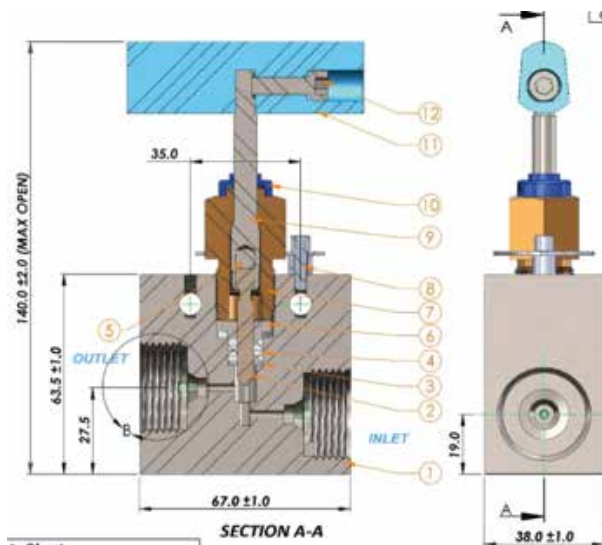
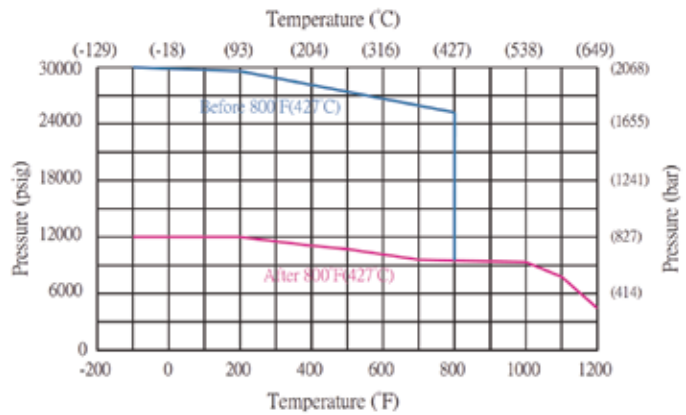


FEATURES:

1. Tubing sizes available for 9/16"
2. Easy-rotating and bar stock body design
3. Metal-to-metal seating achieves ideal shutoff, longer stem/seat service lifetime for abrasive flow, excellent corrosion resistance and greater durability for repeated on/off cycles.
4. Graphite is the standard packing material.
5. Extend stuffing box valve with of graphite can be operated to 1200 F (649 C)
6. The material of packing gland and stem sleeve have been selected to achieve reduced handle torque and extended thread cycle life.
7. The material of valve body is 316SS, the material of valve stem is 17-4PH SS.
8. Options for Vee or Regulating stem tips.
9. The locking device of packing gland is reliable.

NOTES:

1. The value of Cv shown are for 2-way straight valve pattern.
2. The value of Cv for 2-way angle pattern will be increased about 50% (base on water).
Extreme Temperatures
 1. Graphite is the standard packing material for Needle valve.
 2. Normal Needle valve with graphite packing can be operated to 450F (232 C)
 3. Normal Needle valve with glass packing can be operated to 600F(316 C). Normal Needle valve can be operated to 800F(427 C).
 4. Extend stuffing box valve with of graphite can be operated to 1200F (649 C).



12	HANDLE SCREW	SS	1
11	HANDLE	POWDER COATED ALL	1
10	DUST CAP	PVC	1
9	UPPER STEM	ASTM A276Gr316L	1
8	LOCKING ARRANGEMENT	SS	1
7	BONNET	ALBr/AB-2	1
6	UPPER WASHER	ASTM A276Gr316	1
5	BALL	ASTM A276 Gr440C	1
4	PACKING	GFT/PEEK	4
3	LOWER WASHER	ASTM A276 Gr316	1
2	LOWER STEM	17-4PH/SS 316	1
1	BODY	ASTM A276 Gr316	1
ITEM NO.	PART NUMBER	MATERIAL	QTY.

* Due to the continuous development of our products, design or construction may change without prior notice.