

CYRUS SHANK COMPANY

Phone: (708)652-2700 Fax: (708)652-2766

Website Address: www.cyrusshank.com

850 Relief Valve

Available Sizes	Orifice Diameter	Use with manifold #:
3/4" MNPT x 1 1/2" FNPT	.750	850MW-3/4"
1" MNPT x 1 1/2" FNPT	.750	850MW-1", 875M, 876M
1 1/4" MNPT x 1 1/2" FNPT	.750	900MW-1 1/4", 901M

This relief valve can be used for ammonia and is very accurate on lift off and blow down making it ideal for freon use also. It can be mounted on a dual manifold with a center distance as low as 3", which makes it a possible substitute for the Frick AF valve. It has male threaded inlet pipe connections. The upper and lower seats are 304 stainless steel. The sealing surface is encapsulated teflon.

Select from the following housing material:

	Material	Finish	Weight
A	Cast Aluminum, per ASME SB-26B	Anodized, with maxi-coat corrosion protectant on outlet threads	6.5#
D	Ductile Iron, grade 60-40-18 per ASME SA-395	Painted	12.5#

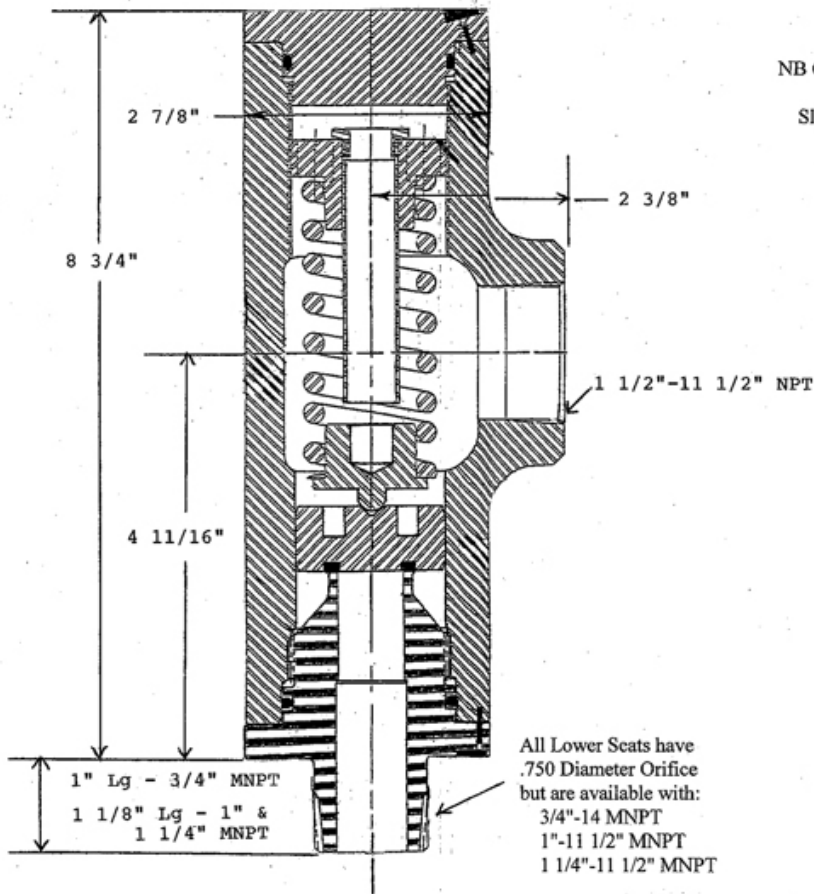
Available in pressure settings of 150# to 350#.

SCFM is the same for all three inlet sizes. See capacity chart in technical section.

Please specify inlet size and (A) aluminum or (D) ductile iron housing when ordering.

All Shank relief valves are manufactured in accordance with the ASME Quality Control Procedures and stamped with the "UV" and "NB" symbols. They are certified by the National Board of Boiler & Pressure Vessel Inspectors. They are also certified in Canada.

January 2006



NB Cert # SHK-M51051

Slope On Air: 6.17

SET PRESSURE	SCFM
150	1109
175	1278
200	1448
225	1618
250	1787
275	1957
300	2127
325	2296
350	2466

Available in:

A - Anodized 356-T6 Cast Aluminum Housing, per ASME SB-26, with "Maxi-Coat" Anti-Corrosion Protectant. Balance of components are Stainless Steel & Aluminum.

Assembled weight: 6.5#

D - Ductile Iron Housing, Grade 60-40-18 per ASME SA-395, with painted finish. Balance of components are Stainless Steel & Aluminum.

Assembled weight: 12.5#

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850
Safety Relief Valve

August 2006