

RELIEF VALVES... TECHNICAL INFORMATION

Safety Relief Valve Tests— Acceptable Range of Pop-off and Blow Down Pressures (Continued)

ACCEPTABLE RANGE OF POP-OFF PRESSURES AND BLOWDOWN (CLOSE) PRESSURES					
NOTE: VALVES MUST EXHIBIT A DEFINITE OPEN AND CLOSE PRESSURE					
SET PRESSURE	ACCEPTABLE BLOWDOWN OF CLOSE PRESSURE RANGE PSIG				
	CS5602A	CS5602B	850 & 851	850R & 851R	901 & 903
50					
75	50-58	53-61			
100	67-77	71-81			
125	83-96	89-102			
150	100-115	107-122	81 - 102	69-90	105 - 125
175	116-134	125-142	95 - 119	81-105	123 - 145
200	133-153	142-163	108 - 136	92-120	140 - 166
225	150-173	160-183	122 - 153	104-135	158 - 187
250	166-192	178-203	135 - 170	115-150	175 - 208
275	183-211	196-224	149 - 187	127-165	193 - 229
300	200-230	214-244	162 - 204	138-180	210 - 249
325	216-249	231-264	176 - 221	150-195	228 - 270
350	233-269	249-285	189 - 238	161-210	245 - 291
375	250-288	267-305	203 - 255	173-225	263 - 312
400	266-307	285-325	216 - 272	184-240	280 - 332

NOTE: POP-OFF PRESSURE MAXIMUM VARIANCE IS +2%

BLOWDOWN (CLOSE) PRESSURE RANGE IS APPROX. BETWEEN 35% AND 45%

Note: Valves must exhibit a definite open and close pressure.