

H722, H733, H284 and H5114 Series Relief Valves

Introduction

The H722, H733, H284 and H5114 Series relief valves are installed in tanks, both stationary and mobile, as a means of preventing excessive overpressure.

Features

- **Stainless Steel**—Total stainless steel construction (H284 Series has brass body) provides maximum resistance to corrosion and rust. This also allows for easier removal from the tank for periodic testing.
- **H722 and H733 Series True Internal Design For Mobile Applications**—The complete valve is secure inside the tank with only the nameplate extending above the coupling. The rugged hex body allows for easier insertion and removal.
- **H284 and H5114 Series For Stationary Bulk Storage**—Internal spring relief valves have only the poppet and part of the body outside the tank. The



Figure 1. H5114, H284, H733 and H722 Series

adjusting screw and all other parts are inside the tank, safe from tampering.

- **Standard Spring Settings**—The valves are available in industry standard start-to-discharge settings for ordering ease.
- **Nitrile (NBR) Seat**—The valve seat is made of nitrile for superior performance in LP-gas and NH₃ service.

Table 1. Ordering Information

CONTAINER CONNECTION	START-TO-DISCHARGE SETTING		TYPE NUMBER	FLOW CAPACITY, SCFM AIR		ACCESSORIES	
	psig	bar		UL®	ASME	Protective Cap (Included)	Installation Wrench
2 in. MNPT Mobile	250	17.2	H722-250	3635	3203	P297	P304
	265	18.3	H722-265	3556	3386		
	275	19.0	H722-275	3714	3508		
2 in. MNPT Bulk Storage	225	15.5	H284-225	9835	8797		
	250	17.2	H284-250	10,530	9724		
	250	17.2	H5114-250	10,530	9724		
	265	18.3	H5114-265	11,300	10,280		
3 in. MNPT Mobile	250	17.2	H733-250	10,150	9369	P298	P305
	265	18.3	H733-265	10,940	9904		

All valves are 100% stainless steel except Type H284 has a brass body.

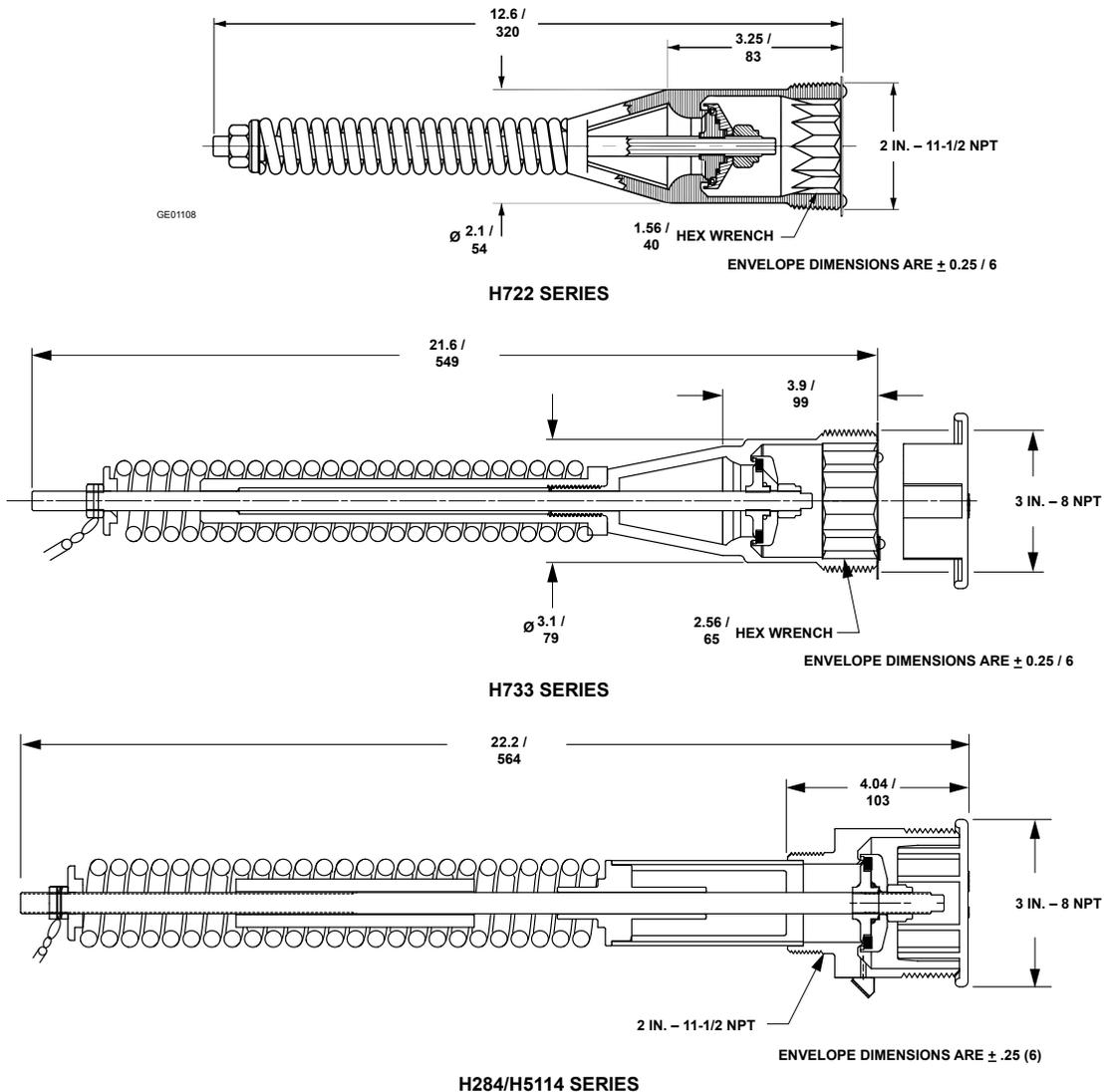
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Bulletin LP-7: H722, H733, H284 and H5114



IN /
mm

Figure 2. H722, H733, H284 and H5114 Series Dimension Drawings

LPG Equipment

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