

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 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.



Figure 1. H5114, H284, H733 and H722 Series

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

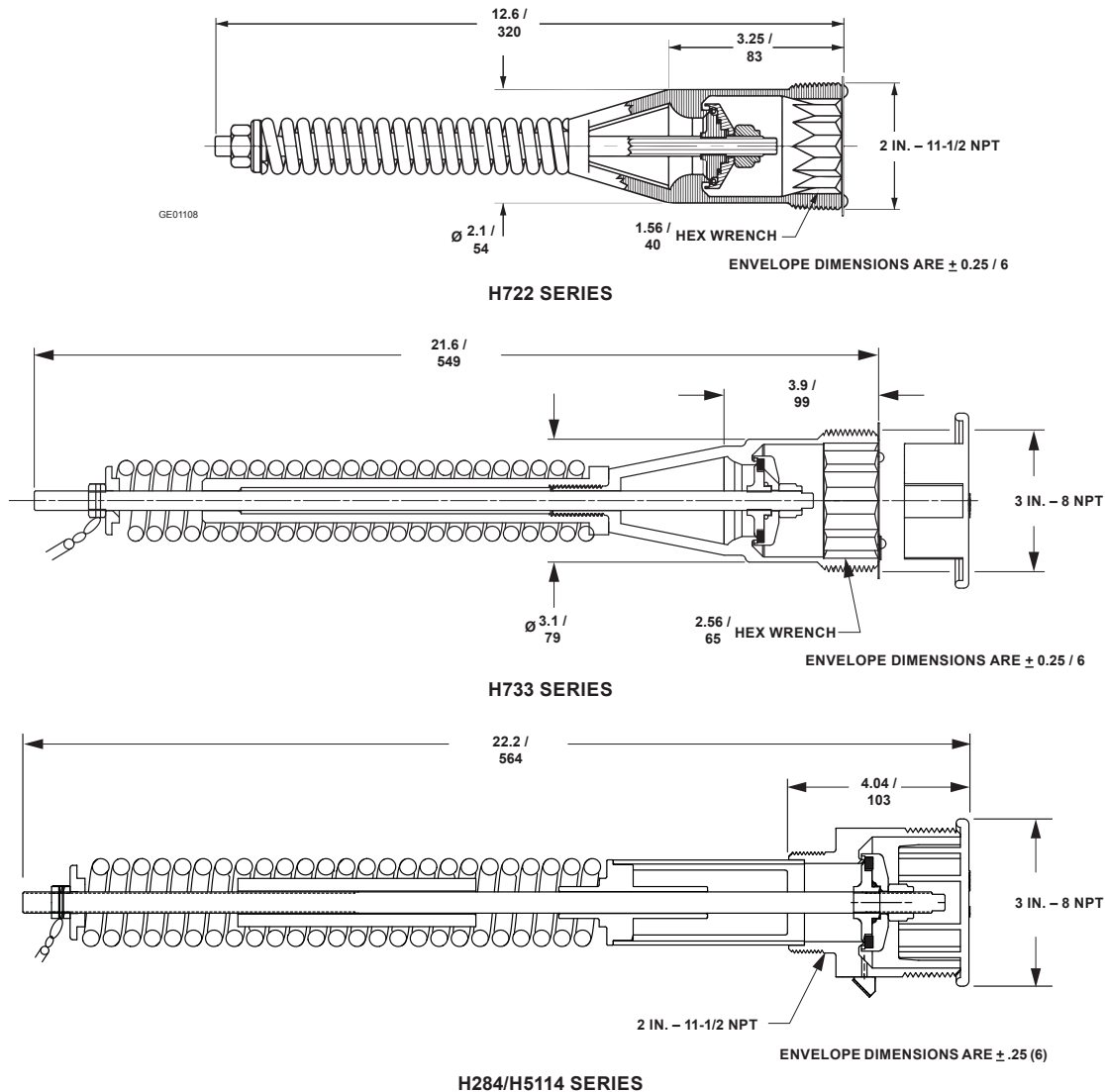


Figure 2. H722, H733, H284 and H5114 Series Dimension Drawings

LPG Equipment

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