



<b>LANTEC</b>	<b><i>Technical Bulletin</i></b>	<b>30040</b>
<b>Customer Supply of Hydraulic Motor &amp; Brake Valve</b>		<b>Page 2 of 2</b>

**Brake Pressure Limit**

LANTEC LH hoists employ a multi-disc brake for static and emergency load holding. The brake is spring force applied and hydraulic pressure released. The maximum allowable pressure permitted in the brake cylinder is 1200 psi. This restriction must be considered during the hydraulic circuit design.

**Factory Testing Limitation**

Since LANTEC is not supplying the Motor and Brake Valve the hoist cannot be fully tested at the factory. LANTEC will test the hoist, using a standard motor, and standard test procedures. It is the responsibility of the customer to test the hoist with the customer supplied Motor and Brake Valve installed.

**Important Note for Hoists to be Rated for Personnel Handling**

LANTEC LH (not LW) **Series Hoists** are rated for personnel handling only if the hoist is an integral part of an Offshore Crane carrying a valid API Spec 2C nameplate, and other conditions are met (see LANTEC Sales Bulletin 50010 "Personnel Handling Statement", available upon request).

The Motor and Brake Valve are critical components of the hoist system. The Brake Valve (Counterbalance Valve) fulfills the API Spec 2C requirement for a secondary braking system. When the customer elects to supply the Motor and Brake Valve, they take on the responsibility for declaring and authorizing the hoist for Personnel Handling. In such cases LANTEC will NOT label the hoist as rated for Personnel Handling. LANTEC will provide a "Statement of Conditional Approval", rating the hoist for Personnel Handling subject to satisfactory integration with the customer supplied Motor, Brake Valve and other circuit components and features as may be required to comply with API Spec 2C and safe operation of the hoist. The customer will have the responsibility to label the hoist as "Rated for Personnel Handling", if required.

**Related Documents**

LANTEC recommends understanding the contents of these related documents, available from LANTEC upon request.

Technical Bulletin	30050	Selecting a Brake Valve
Sales Bulletin	50010	Personnel Handling Statement

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