Hydra-Brakes

- Stroke Lengths 3½", 6", 8", 10" and 12" - Load Checking to 1200 lbs.

The Hypneumat "Hydra-Brake" is a self-contained hydraulic checking cylinder with optional push or pull type of operation. Its function is to provide an external hydraulic feed rate to various type tools or cylinders. In its use, the Hydra-Brake is mounted adjacent to or in-line with the tool or cylinder to be hydraulically controlled. A cam, attached to the tool or cylinder, provides the pull force necessary to operate the Hydra-Brake. The Hydra-Brake has a maintained feed rate through the needle valve adjustment in one direction, with rapid return rate through internal by-pass in opposite direction. The Hydra-Brake is non-compensating for load variation.

Model HB-32 & HBS-32
Base & Side Mount,
Pull Type "Hydra-Brake".

Model HB & HBS
Base & Side Mount,
Pull Type "Hydra-Brake".

Model SK & ST
Skip or Stop
"Hydra-Brake".

Model HBP
Base & Side Mount,
Push-Type "Hydra-Brake".

Model HBN
Threaded Nose Mount,
Pull Type "Hydra-Brake".

Model DHD
Deep-Hole Drilling
"Hydra-Brake".

Note: Hydra-Brake requires signal from external cam switch to operate.

Note: Valve can be relocated to facilitate mounting.

Deep hole drill hydra-brake assembly on Hypneumat unit.

Used in conjunction with Hypneumat deep-hole drilling units, Hydra-Brake provides feed rate during drilling time. The actuating rod of the Hydra-Brake remains in extended position while Hypneumat Unit retracts to clear chips. Drill re-enters work at rapid rate until Hydra-Brake actuating rod is engaged to again start drilling. At end of stroke, Hydra-Brake is automatically recocked for next cycle.

Ordering Data

<table>
<thead>
<tr>
<th>STROKES</th>
<th>HB-32 BASE MOUNT</th>
<th>HBS-32 BASE MOUNT</th>
<th>HB BASE MOUNT</th>
<th>HBS BASE MOUNT</th>
<th>HBN THREAD NOSE</th>
<th>HBP BASE MOUNT</th>
<th>SK SKIP MODEL</th>
<th>ST STOP MODEL</th>
<th>DHD DEEP HOLE</th>
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<tbody>
<tr>
<td>3½&quot;</td>
<td>HB-32</td>
<td>HBS-32</td>
<td>HB-3</td>
<td>HBS-3</td>
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<td>HBP-3</td>
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