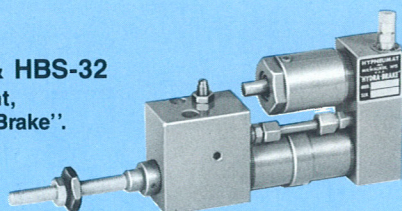


- Stroke Lengths 3½", 6", 8", 10" and 12" • Load Checking to 1200 lbs.

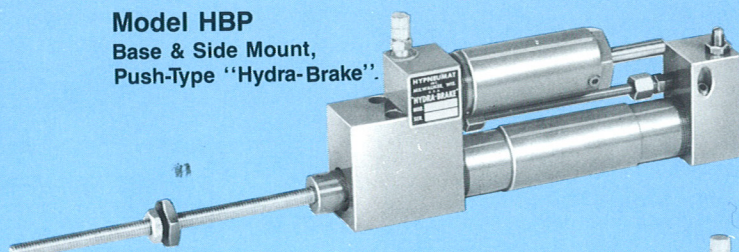
The Hypneumat "Hydra-Brake" is a self-contained hydraulic checking cylinder with optional push or pull type of operation. It's function is to provide an external hydraulic feed rate to various type tools or cylinders. In its use, the Hydra-Brake is mounted adjacent to or in-line with the tool or cylinder 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.

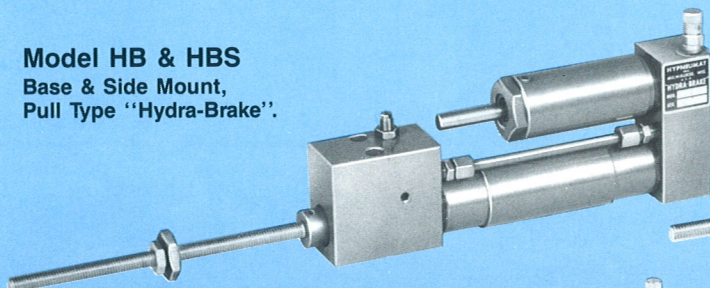
**Model HB-32 & HBS-32**  
Base & Side Mount,  
Pull Type "Hydra-Brake".



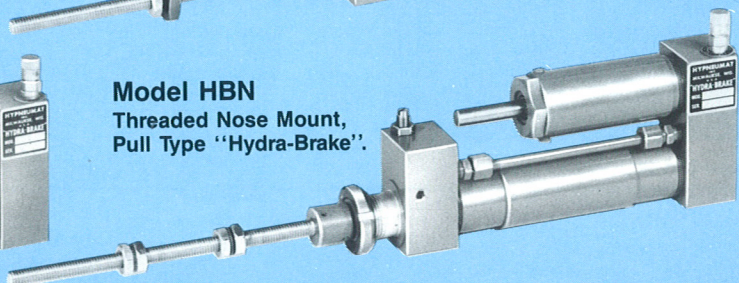
**Model HBP**  
Base & Side Mount,  
Push-Type "Hydra-Brake".



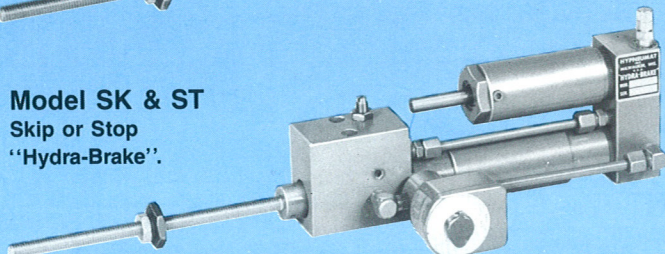
**Model HB & HBS**  
Base & Side Mount,  
Pull Type "Hydra-Brake".



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



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



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

Note: Valve can be relocated to facilitate mounting.

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



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.

Deep hole drill hydra-brake assembly on Hypneumat unit.

## Ordering Data

STROKE	HB-32 BASE MOUNT	HBS-32 SIDE MOUNT	HB BASE MOUNT	HBS SIDE MOUNT	HBN THREAD NOSE	HBP BASE MOUNT	SK SKIP MODEL	ST STOP MODEL	DHD DEEP HOLE
3½"	HB-32	HBS-32	HB-3	HBS-3	HBN-3	HBP-3	SK-3	ST-3	DHD-3
6"	N/A	N/A	HB-6	HBS-6	HBN-6	HBP-6	SK-6	ST-6	DHD-6
8"	N/A	N/A	HB-8	HBS-8	HBN-8	N/A	SK-8	ST-8	DHD-8
10"	N/A	N/A	HB-10	HBS-10	HBN-10	N/A	SK-10	ST-10	DHD-10
12"	N/A	N/A	HB-12	HBS-12	HBN-12	N/A	SK-12	ST-12	DHD-12