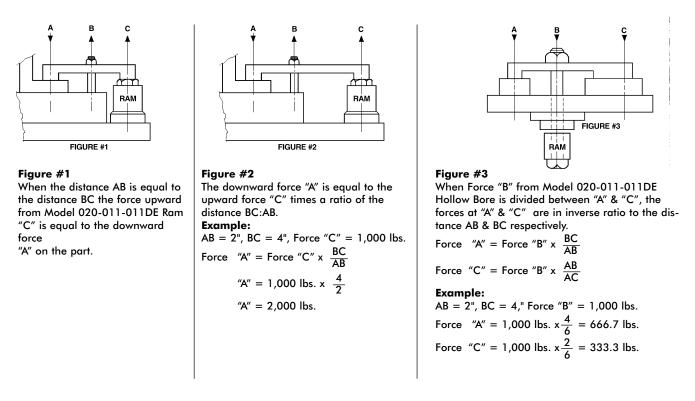


Series 020 Thru-Hole Hydraulic Rams Technical Information

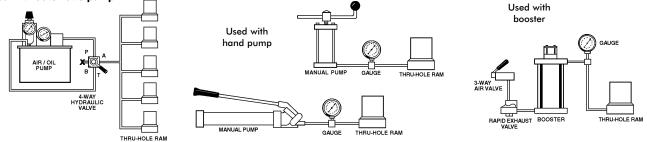
Calculation of Forces Using Straps and Levers



Power Sources

Thru-hole Rams can be powered by automatic pumps, hand pumps, boosters or existing machine hydraulics.

Used with automatic pump



Multiple Uses

Thru-hole Rams can be used to push or pull depending on the position of the ram.

