



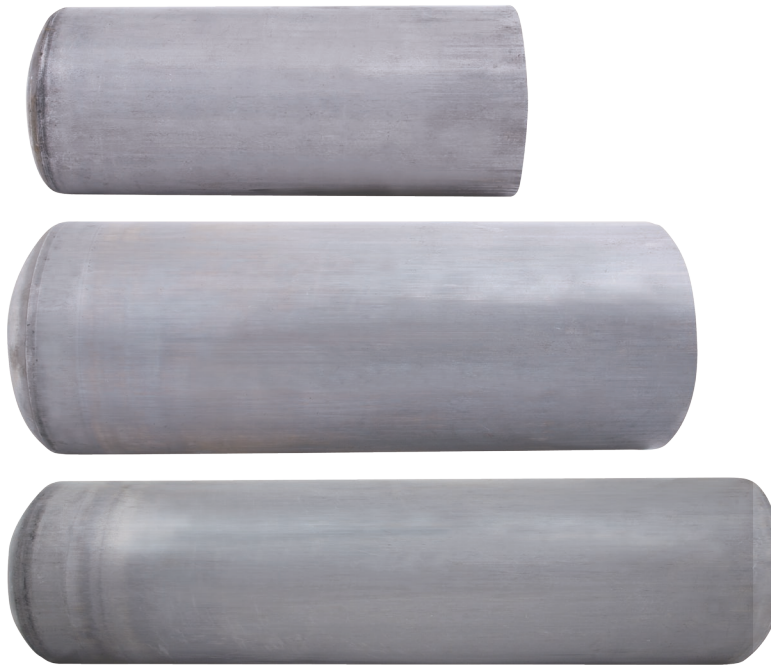
WORTHINGTON
CYLINDERS

Surrounded by Quality™



INDUSTRIAL GAS

DRAWN STEEL SHELLS



SPECIFICATIONS

SHELL MODEL	MAXIMUM NOMINAL LENGTH (IN.)	NOMINAL INSIDE DIAMETER (IN.)	MINIMUM WALL THICKNESS (IN.)
H290118	11.8	2.93	0.037
H350089	8.9	3.45	0.037
H390120	12.0	3.85	0.065
H420115	11.5	4.17	0.042
H420135	13.5	4.17	0.042
H500170	17.0	4.99	0.047
H590140	14.0	5.87	0.050
H610170	17.0	6.13	0.069
H610230	23.0	6.13	0.060
H700190	19.0	6.97	0.055
H700230	23.0	6.97	0.060

NOTES:

- Material – Shell - AISI C1008 Mild steel: C – 0.10; Mn – 0.50; P – 0.025; S – 0.015 (% maximums), AISI C1018 and other carbon steel grades are available
- Typical sidewall properties - Tensile strength – 90,000 P.S.I. - Yield Strength – 80,000 P.S.I. Burst occurs in sidewall – ductile failure mode, no fragmentation – typical burst is 2,000 P.S.I.
- Typical product applications include filter housings, air accumulators and fire extinguishers with maximum operating pressures of 200 psi (at the specified wall thickness).
- Available as a pressure vessel housing with a welded end closure and threaded fitting.
- Custom Sizes and vessels for higher pressure applications are available.

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