HGA Series 700 Bar Precision Gauge Adaptors

Solid forged alloy steel gauge adaptors rated for 700 Bar (10,000 PSI), engineered for direct 3/8" NPT in-line pressure monitoring with 90° vertical gauge ports (HGA-002/003/005) and a compact 45° angled port (HGA-006, 52 mm height).



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PRODUCT SERIES
HGA Series 700 Bar Precision Gauge Adaptors

RATED WORKING PRESSURE
700 Bar (10,000 PSI) Continuous Operating Pressure

BURST PRESSURE SAFETY FACTOR
2,800 Bar (40,000 PSI) 4:1 Safety Margin

IN-LINE HYDRAULIC PORTS
3/8"-18 NPT Male (Inlet D) to 3/8"-18 NPT Female (Outlet E)

GAUGE PORT THREADS
1/4" NPT Female (HGA-003, HGA-005, HGA-006) / 1/2" NPT Female (HGA-002)

BODY ARCHITECTURE STYLES
90° Vertical Gauge Port (HGA-002/003/005) & 45° Angled Port (HGA-006)

Model Number	Port Configuration Style	Inlet Thread (D)	Outlet Thread (E)	Gauge Port Thread (C)	Overall Length (A) [mm]	Port Offset / Height (B) [mm]	Body / Hex Width (F) [mm]
HGA-002	90° Vertical Gauge Port	3/8" NPT Male	3/8" NPT Female	1/2" NPT Female	155	35	32
HGA-003	90° Vertical Gauge Port	3/8" NPT Male	3/8" NPT Female	1/4" NPT Female	133	48	32
HGA-005	90° Vertical Gauge Port	3/8" NPT Male	3/8" NPT Female	1/4" NPT Female	134	35	32
HGA-006	45° Angled Gauge Port	3/8" NPT Male	3/8" NPT Female	1/4" NPT Female	65	20	28