

1" Hydraulic Pilot Pressure Regulator

Series H20495

Features

- ▶ Original Shear-Seal® technology
- ▶ Self adjusting
- ▶ High flow capacity
- ▶ Wide regulated pressure range
- ▶ Tolerates contaminated media
- ▶ Self venting

Applications

- ▶ Land and offshore oil drilling controls
- ▶ BOP control units
- ▶ Natural gas production
- ▶ Pressure sensitive applications



General Specifications

Pressure: Supply/Inlet Pressures:	3,000 psi (207 bar) 5,000 psi (345 bar)
Regulated Pressure Range at 3,000 psi Supply Pressure: Full Range:	300 - 2800 psi (21- 193 bar)
Regulated Pressure Range at 5,000 psi Supply Pressure: Full Range:	300 - 4000 psi (21 - 275 bar)
Ambient Temperature Range:	-30° to +185°F (-34° to +85°C)
Inlet Proof Pressure:	7,500 psi (517 bar)
Case Proof Pressure:	6,000 psi (413 bar)
Flow: Flow Rate:	70 GPM (@ 50 ft/s)
Cv Inlet:	9.2
Cv Vent:	0.6
Porting: Supply:	1" NPT Standard, SAE Optional
Outlet (regulated):	1" NPT Standard, SAE Optional
Pilot:	1/2" NPT Standard, SAE Optional
Vent:	1/2" NPT Standard, SAE Optional
Gauge Port:	3/8" NPT Standard, SAE Optional

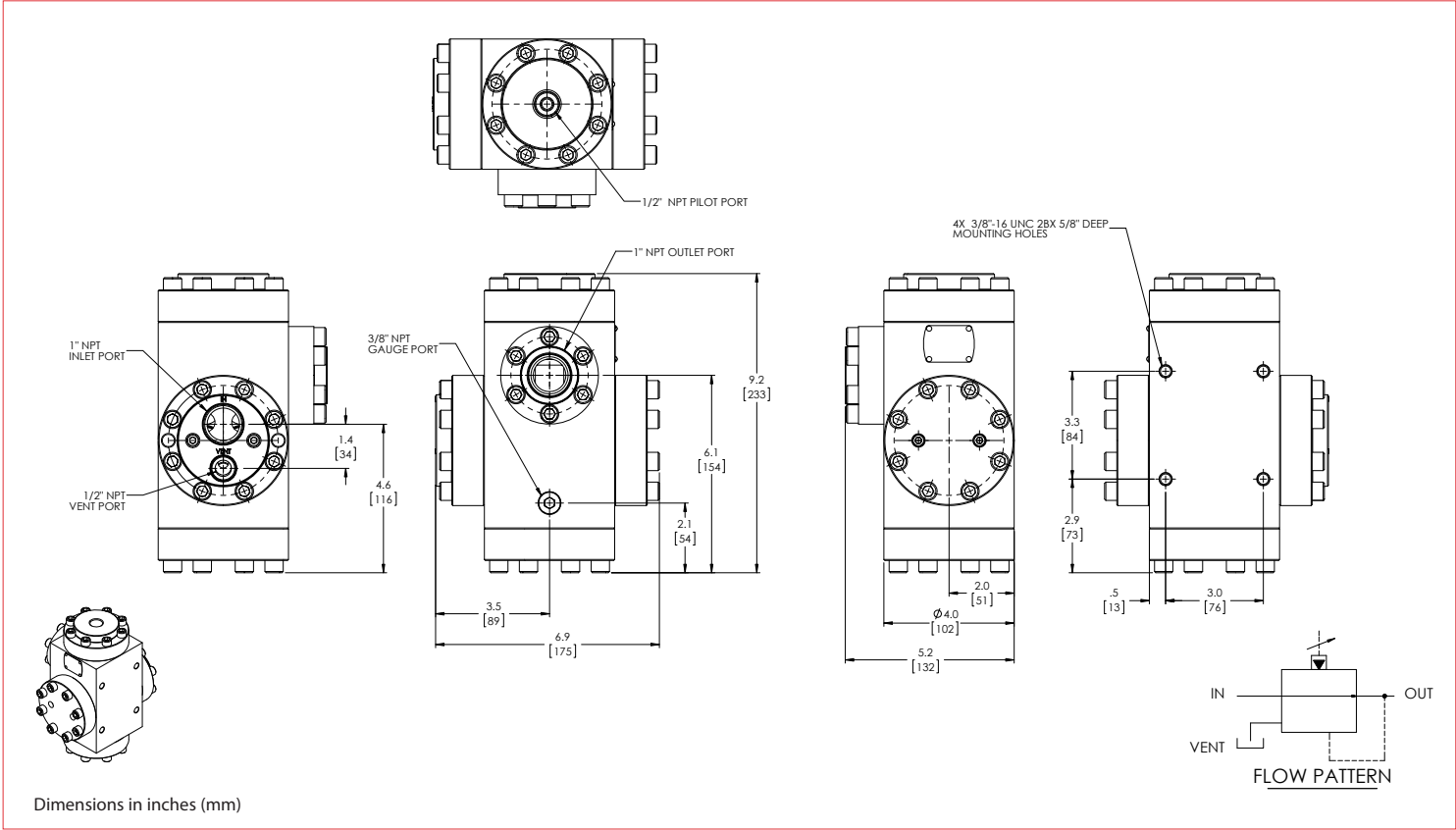
Materials of Construction: Body:	400 Series stainless steel
Flanges:	Phosphate coated carbon steel
Slide, Inlet, Vent, & Blocking Plates:	400 Series stainless steel
Hardware:	Plated alloy steel, 300 series stainless steel
O'ring Material:	Buna N
Backup Ring Material:	PTFE
Approximate Shipping Weight:	
Manual Unit:	40 lbs. (18.1 kg)



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Technical Drawings



Product Configurator

Example:	H	20495S6WQ2	
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H Hydraulic Pilot Pressure Regulator

Series

20495S6WQ2 1" Hydraulic pilot pressure regulator
(3/4" full flow regulator)

Options

Blank	NPT porting
-MS	SAE porting
-SS	Stainless steel flanges and trim