Precision Flow Housing Assembly

Model PFH-4200

The Precision Flow Housing Assembly Model PFH-4200 is designed for high-performance applications, featuring robust construction and precise machining for optimal flow and pressure handling.

3.5 in
BORE DIAMETER

14.2 in
OVERALL LENGTH

4.75 in
OUTER DIAMETER

PHYSICAL SPECIFICATIONS

Bore Diameter	3.5 inches
Overall Length	14.2 in
Outer Diameter	4.75 in
Wall Thickness	0.375 in
Flange OD	6.25 inches
Bolt Diameter	5.5 in
Mounting Holes	4x M12 holes
Weight	8.6 lbs

PERFORMANCE SPECIFICATIONS

Max Pressure	3,200 PSI
Proof Pressure	4,800 PSI
Burst Pressure	9,600 PSI
Range	-40°F to 275°F
Flow Rate	45 GPM @ 1,500 PSI

MATERIALS & COMPLIANCE

Material	6061-T6 Aluminum, CNC machined
Surface Finish	Ra 0.8 µm (32 µin)
Internal Bore Finish	Ra 0.4 µm (16 µin)
Anodizing	Type III hard anodize, 0.002" nominal thickness
Seal Type	Dual O-ring, Buna-N (Viton optional)
Port Connections	SAE-12 O-ring boss, both ends
Tolerance	±0.001" on bore, ±0.005" on external dims
Certifications	ISO 9001:2015 manufacturing facility
Compliance	ASME B31.3, NACE MR0175
Traceability	Full material cert and lot tracking per ASTM standards

ORDERING INFORMATION

Part Number	PFH-4200-AL
Also Available In	316L Stainless Steel (PFH-4200-SS), Titanium Grade 5 (PFH-4200-TI)
MOQ	25 units
Lead Time	4-6 weeks standard, 2 weeks expedited

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