HSM Series 700 Bar Multi-Port Manifold Distribution Blocks

Solid forged steel multi-port distribution manifolds rated for 700 Bar (10,000 PSI), engineered for multi-cylinder synchronized branching, 6-port hex spider distribution, and independent needle valve throttling across 2 to 9 ports (3/8"-18 NPT / NPTF).



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PRODUCT SERIES
HSM Series 700 Bar Multi-Port Manifold Distribution Blocks

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

PORT THREAD STANDARDS
3/8"-18 NPTF Zero-Leakage Dry-Seal Female Ports

MANIFOLD ARCHITECTURE STYLES
Short Inline 4-Port, Long Inline 9-Port, Hexagonal Spider 6-Port, 2/4-Way Regulating

INTEGRATED FLOW THROTTLING
Models HSM-402 & HSM-404 Include Built-In Fine Metering Needle Valves

BODY CONSTRUCTION & MOUNTING
Solid Forged High-Tensile Steel with Pre-Drilled Rigid Base Mounting Holes

Model Number	Manifold Architecture	Port Configuration	Port Thread (NPTF)	Integrated Flow Control	Port Spacing & Mounting	Dimensions (L x W x H) [mm]
HSM-102	Short Inline Junction Block	4 Ports (1 Inlet / 3 Outlets)	3/8"-18 NPTF Female	Open flow distribution block	50 mm port spacing	102 x 32 x 32
HSM-106	Long Inline Multi-Port Header	9 Ports (9 × 3/8"-18 NPT)	3/8"-18 NPTF Female	Open flow multi-port header	5 × 50 mm port spacing; 2-Ø6.4 mounting holes (200 mm C-C)	302 x 32 x 32
HSM-206	Hexagonal Spider Junction Block	6 Radial Ports (360° Omnidirectional)	3/8"-18 NPTF Female	Centralized spider branching	2 × 1/4"-20 UNC base tapped holes (38 mm C-C)	50 (Hex) x 58
HSM-402	2-Way Regulating Manifold	3 Ports (1 Inlet / 2 Regulated Outlets)	3/8"-18 NPTF Female	2 Integrated needle valves with T-handles	80 mm valve spacing; Ø6.5 base mounting holes	130 x 45 x 93.3
HSM-404	4-Way Regulating Manifold	5 Ports (1 Inlet / 4 Regulated Outlets)	3/8"-18 NPTF Female	4 Integrated needle valves with T-handles	3 × 70 mm valve spacing; Ø6.5 base mounting holes	260 x 45 x 93.3