



This assembly provides an efficient way to supply auxiliary hydraulic power to various systems. The assembly divides the inlet flow of port P into a priority flow to port CF with excess flow to port EF. The priority flow is controlled via the adjustable needle valve. In operation, the LH\*A priority valve (a bypass/restrictive priority modulating element) will act as a pressure compensator to ensure that the flow to port CF will remain constant during pressure changes. This will ensure a very stable flow rate for a given needle valve setting to control the attachment being driven. With this design, the priority flow is achieved with very low-pressure losses across the needle valve and modulating element and is independent of the pressure at ports CF and EF.

**TECHNICAL DATA** NOTE: DATA MAY VARY BY CONFIGURATION. SEE CONFIGURATION SECTION.

Body Type	Line mount
Mounting Hole Diameter	.36 in.
Mounting Hole Depth	Through
Mounting Hole Quantity	3

- NOTES:**
- **Important:** Carefully consider the maximum system pressure. The pressure rating of the manifold is dependent on the manifold material, with the port type/size a secondary consideration. Manifolds constructed of aluminum are not rated for pressures higher than 3000 psi (210 bar), regardless of the port type/size specified.
  - For detailed information regarding the cartridges contained in this assembly, click on the models codes shown in the Included Components tab.

**CONFIGURATION OPTIONS**

Model Code Example: XPHBLGNX

CONTROL		(L) MAXIMUM ORIFICE DIAMETER	(G) SEAL MATERIAL	(N)	
L	Standard Screw Adjustment	G	.56 in. (14,2 mm)	N	Buna-N
K	Handknob			V	Viton
PRIMARY CARTRIDGE					(X)
X	X (with NFFC primary cartridge, Fully adjustable needle valve)				