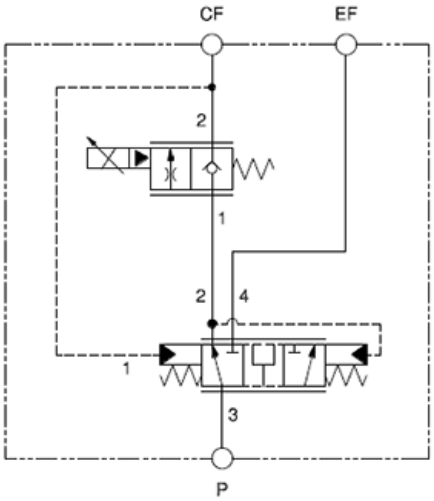
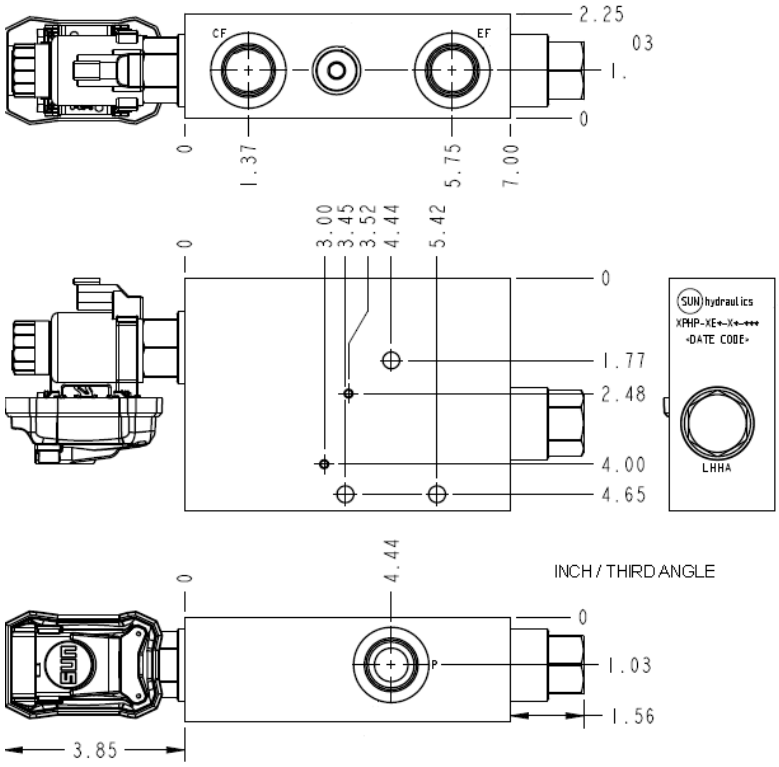
MODEL
XPHP

Proportional bypass flow divider assembly
CAPACITY: 40 gpm

sunhydraulics.com/model/XPHP





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. It provides electro-proportional priority bypass flow control using the FP*K electro-proportional throttle valve with reverse flow check. When the FP*K valve is given a proportional command signal, the output of the controlled priority port will start to increase proportionally to the signal provided. 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 allow for very stable, continuous flow for a given command signal to control even the most demanding applications like hydraulic hammers and rock breakers. The FP*K valve will provide optimal performance when combined with a factory-tuned XMD driver.

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: XPHPXNX

CONTROL	(X)
X	No Manual Override

SEAL MATERIAL	(N)
N	Buna-N
V	Viton

PRIMARY CARTRIDGE	(X)
X	X (with FPHK primary cartridge, Pilot-operated, normally closed, electro-proportional throttle with reverse flow check)