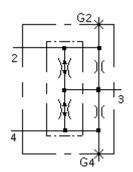
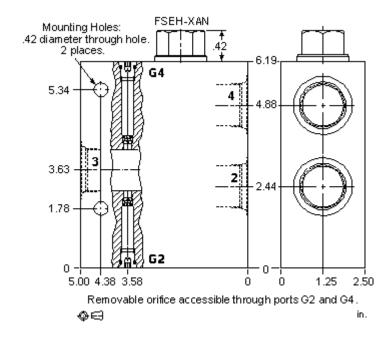
Tractive flow divider-combiner assembly

CAPACITY: 8 - 35 gpm



sunhydraulics.com/model/YGEB





This valve assembly is intended for use in tractive systems. It incorporates a divider/combiner valve along with provisions for slip orifices. The divider/combiner provides 2 equal flows for positive traction and the slip orifices can be sized to allow for steering.

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

Body Type	Line mount
Mounting Hole Diameter	.42 in.
Mounting Hole Depth	Through
Mounting Hole Quantity	2

NOTES: • Access to orifice provided through plugged port, both ends.

- *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.

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MODEL YGEB

Tractive flow divider-combiner assembly

CAPACITY: 8 - 35 gpm

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CONFIGURATION OPTIONS

Model Code Example: YGEBXANUM

CONTROL (X)

Not Adjustable

FLOW SPLIT

A 50/50

(A)

SEAL MATERIAL

N Buna-N

Viton

(N)

ORIFICE PART DESIGNATION(U)

- Slip @ 3000 psi = 16.21 gpm (with FSEH primary cartridge, High capacity, closed center, flow divider-combiner valve)
- Slip @ 3000 psi = 0 gpm (with FSEH primary cartridge, High capacity, closed center, flow divider-combiner valve)
- Slip @ 3000 psi = 6.31 gpm (with FSEH primary cartridge, High capacity, closed center, flow divider-combiner valve)
- Slip @ 3000 psi = 25.25 gpm (with FSEH primary cartridge, High capacity, closed center, flow divider-combiner valve)
- No Orifice Plug Installed (with FSEH primary cartridge, High capacity, closed center, flow divider-combiner valve)

PORT AND MATERIAL DESIGNATION

Μ

(M)

- Ports 2, 3, 4 SAE 16; Gage Ports (Plugged) — SAE 4; Aluminum
- Ports 2, 3, 4 3/4" D NPTF; Gage Ports (Plugged) — SAE 4; Aluminum
- Ports 2, 3, 4 3/4" NPTF; Gage Ports (Plugged) - SAE 4; Iron
- Ports 2, 3, 4 1" NPTF; Gage Ports (Plugged) — SAE 4; Aluminum
- Ports 2, 3, 4 1" NPTF; Gage Ports (Plugged) — SAE 4;
- Ports 2, 3, 4 SAE 12; Gage Ports (Plugged) - SAE 4; Aluminum
- Ports 2, 3, 4 SAE 12; Gage Ports (Plugged) - SAE 4; Iron
- **M/S** Ports 2, 3, 4 SAE 16; Gage Ports (Plugged) - SAE 4; Iron
- Ports 2, 3, 4 3/4" BSPP; Gage Ports (Plugged) — SAE 4; Aluminum
- Ports 2, 3, 4 3/4" W/S BSPP; Gage Ports (Plugged) — SAE 4; Iron
- Ports 2, 3, 4 1" Х BSPP; Gage Ports (Plugged) — SAE 4; Aluminum
- Ports 2, 3, 4 1" BSPP; Gage Ports (Plugged) — SAE 4; Iron

INCLUDED COMPONENTS

Part	Description	Quantity
280-038-125*	Orifice	2
A330-006-004*	SAE Plug	2
FSEHXAN	Cartridge - Primary	1

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