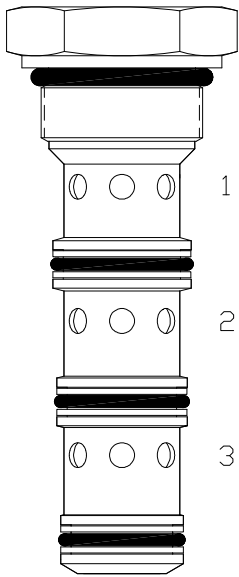


SN-FDA FLOW DIVIDER / COMBINER VALVE, SPOOL TYPE



DESCRIPTION

16 size, 1 5/16-12 thread "Super Series," spool-type flow divider/combiner valve.

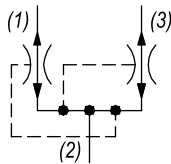
OPERATION

In the dividing mode, the SN-FDA will divert input flow from port (2) to ports (3) and (1), based on the ratio specified, regardless of operating pressure. The SN-FDA will combine input flows from ports (3) and (1), to port (2) by same ratio. Should circuit operation result in a blockage of either (3) or (1), the opposite port may also close under certain conditions. Should this potential exist, consult the factory.

FEATURES

- Hardened parts for long life.
- Industry common cavity.

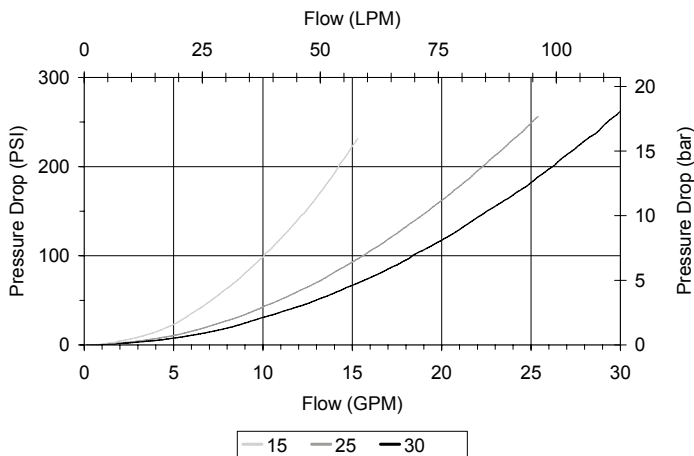
HYDRAULIC SYMBOL



DO NOT EXCEED MAXIMUM FLOW PER MODEL.

PERFORMANCE

Actual Test Data (Cartridge Only)



VALVE SPECIFICATIONS

Nominal Flow	40 GPM (151 LPM)
Accuracy on Flow Splits	±10% of Max Rated Inlet Flow
Maximum Operating Pressure	3500 PSI (241 bar)
Viscosity Range	36 to 3000 SSU (3 to 647 cSt)
Filtration	ISO 18/16/13
Media Operating Temp. Range	-40° to 250°F (-40° to 120°C)
Weight	.95 lbs (.43 kg)
Operating Fluid Media	General Purpose Hydraulic Fluid
Cartridge Torque Requirements	90 ft-lbs (122 Nm)
Cavity	SUPER 4W
Cavity Form Tool (Finishing)	40500019
Seal Kit	21191413

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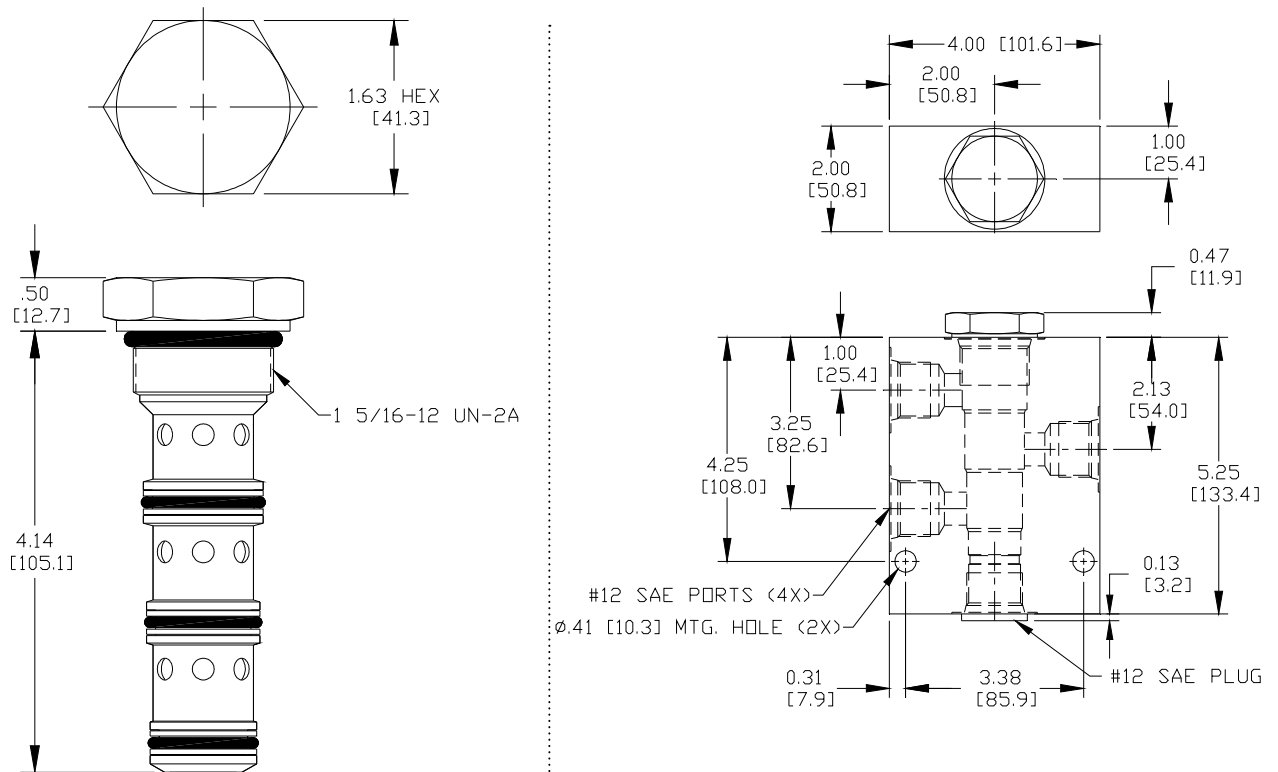


4484 Boeing Drive Rockford, IL 61109 • USA • Phone +1 (815) 397-6628 • Fax +1 (815) 397-2526
 mail: delta@delta-power.com • www.delta-power.com



Via Malavolti, 36 • 41122 Modena • ITALY • Phone +39 (059) 254895 • Fax +39 (059) 253512
 mail: tecnord@tecnord.com • www.tecnord.com

DIMENSIONS



Body Weight: 3.21 lbs (1.46 kg)

ORDERING INFORMATION

SN-FDA - - - - -

OPTIONS

Buna Standard **00**
Viton Standard **V0**

BODIES

Blank Without Body
S #12 SAE Ports
Note: must use 4-way body

SPLITS

#1	#3
25-75	25
35-65	35
40-60	40
50-50	50
60-40	60
65-35	65
75-25	75

Consult factory for additional splits

INLET FLOW

15	8-15 GPM
25	15-25 GPM
30	20-30 GPM
40	30-40 GPM *Available as a 50-50 split only

All non 50-50 split valves (see chart below for flow ratings)

Maximum inlet flow for non 50-50 split valves		
	Model code	Maximum inlet flow
15	35-65, 65-35	15.0 GPM
25	25-75, 40-60, 60-40, 75-25	25.0 GPM
30	35-65, 65-35	30.0 GPM

W/21 / 2018

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