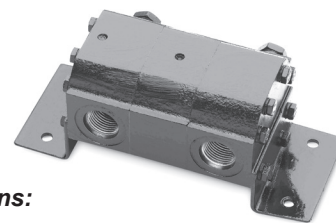


Model FDA Gear Flow Divider



Model FDA is a rotary gear flow divider with 6 displacements from .129 to .517 in³/rev (2.13 to 8.42 cm³/rev). Maximum flow rates of 2.5 to 8.5 gpm are available across the displacement range. Standard ports are SAE, sizes are noted in the data chart below. Relief preset at 3000psi.

Recommended working conditions:

FILTRATION: 25 micron or better
OIL VISCOSITY: 6 - 200 cSt
OIL TEMPERATURE: -25° - 80° C (-12° - 175° F)
AMBIENT -22° - 55° C (-8° - 130° F)

Technical Specifications

Specifications based on using Petroleum oil at 120°F (49°C), viscosity 150 SUS at 100°F and 0 inlet pressure.

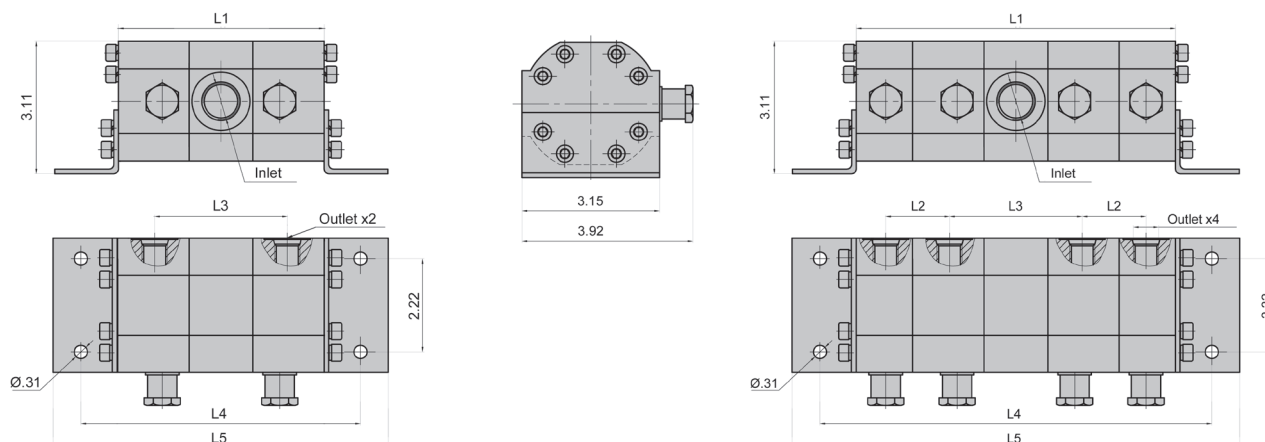
Maximum Outlet Pressure: 3500 psi (240 bar)

Model	Displacement		Flow per Section (gpm)		Dimensions							Weight
	in ³ /rev	cm ³ /rev	min	max	Inlet	Outlet	L1	L2	L3	L4	L5	lbs
FDA-2*-129*	.129	2.13	1.20	2.5	SAE 8	SAE 8	4.25	-	2.87	6.02	7.24	4.45
FDA-2*-258*	.258	4.24	2.50	5.0	SAE 10	SAE 6	4.84	-	2.99	6.61	7.83	5.40
FDA-2*-517*	.517	8.42	4.50	9.0	SAE 10	SAE 10	6.02	-	4.17	7.79	9.02	6.25
FDA-4*-129*	.129	2.13	1.20	2.0	SAE 8	SAE 8	7.72	1.58	3.23	9.49	10.71	9.59
FDA-4*-258*	.258	4.24	2.50	4.2	SAE 10	SAE 6	8.86	1.81	3.43	10.63	11.85	10.37
FDA-4*-517*	.517	8.42	4.50	8.5	SAE 10	SAE 10	11.22	2.40	4.61	12.99	14.21	11.15

Flow Rate (gpm) = Displacement (in³/rev) X Speed (rpm) / 231

Volumetric efficiency % ≥93

Installation Data



Ordering Example:

Model **FDA** - Sections **2** - Relief **N** - Displacement **258** - Ports **S**

Category	Series	Relief	Displacement	Ports
FDA = Flow Divider	2 - 2-section 4* - 4-section	N = No Relief Valve R* = Relief Valve	129 / 258 / 517	S - SAE

*Special Order - minimums may apply