

### S400L Series 400hp JIRO Enerflex

SSY (1.043 Gear) - Gardner Denver Flow Table At 1800 RPM

### S530L Series 530hp JIRO Enerflex

SSY (1.400 Gear) - Gardner Denver Flow Table At 1800 RPM

#### DISCHARGE PRESSURE (psig)

Pressure	50						60						80						100						120						140																	
	Flow	Brake HP	Flow	Brake HP	Flow	Brake HP	Flow	Brake HP	Flow	Brake HP	Flow	Brake HP	Flow	Brake HP	Flow	Brake HP	Flow	Brake HP	Flow	Brake HP	Flow	Brake HP	Flow	Brake HP	Flow	Brake HP	Flow	Brake HP	Flow	Brake HP	Flow	Brake HP	Flow	Brake HP	Flow	Brake HP												
0	2.890	309	2.877	336	2.660	370	2.220	370	1.840	370	1.462	370	3.870	431	3.860	454	3.380	490	2.830	490	2.280	490	1.770	490	4.6	100%	4.6	100%	4.6	93%	4.6	78%	4.6	65%	4.6	52%	4.6	100%	4.6	100%	4.6	88%	4.6	74%	4.6	60%	4.6	47%
5	4.010	319	4.000	361	3.250	370	2.660	370	2.020	370	x	x	5.380	450	5.100	490	4.010	490	3.250	490	2.340	490	x	x	3.2	100%	3.7	100%	4.6	81%	4.6	67%	4.6	51%	x	x	3.2	100%	3.7	95%	4.6	75%	4.6	61%	4.6	44%	x	x
10	5.140	338	4.970	370	3.830	370	2.850	370	2.030	370	x	x	6.900	483	6.130	490	4.670	490	3.280	490	x	x	x	x	2.8	100%	2.8	97%	3.7	75%	3.7	56%	4.6	40%	x	x	2.8	100%	2.8	89%	3.7	68%	3.7	48%	x	x	x	x
15	6.270	361	5.820	370	4.370	370	3.050	370	x	x	x	x	7.660	490	7.060	490	5.110	490	x	x	x	x	x	x	2.8	100%	2.8	93%	2.8	70%	3.7	49%	x	x	x	x	2.8	91%	2.8	84%	2.8	61%	x	x	x	x	x	x
20	7.400	367	6.500	370	5.090	370	3.310	370	x	x	x	x	8.640	490	7.640	490	5.840	490	x	x	x	x	x	x	2.8	100%	2.8	88%	2.8	69%	3.2	45%	x	x	x	x	2.8	87%	2.8	77%	2.8	59%	x	x	x	x	x	x
SSY (1.133 Gear) - Gardner Denver Flow Table At 1800 RPM												SSY (1.667 Gear) - Gardner Denver Flow Table At 1800 RPM																																				
0	3.140	339	3.130	358	2.580	370	2.100	370	1.630	370	x	x	4.100	490	3.820	490	x	x	x	x	x	x	x	x	4.6	100%	4.6	100%	4.6	83%	4.6	68%	4.6	53%	x	x	4.6	89%	4.6	83%	x	x	x	x	x	x	x	x
5	4.360	350	3.960	370	3.030	370	2.370	370	x	x	x	x	5.320	490	4.480	490	x	x	x	x	x	x	x	x	3.2	100%	3.7	91%	4.6	70%	4.6	55%	x	x	x	x	3.2	83%	3.7	70%	x	x	x	x	x	x	x	x
10	5.420	370	4.790	370	3.500	370	2.270	370	x	x	x	x	5.990	490	5.080	490	x	x	x	x	x	x	x	x	2.8	97%	2.8	86%	3.7	63%	3.7	42%	x	x	x	x	2.8	73%	2.8	62%	x	x	x	x	x	x	x	x
<b>S530 Series 530hp JIRO Enerflex</b>												<b>S630 Series 630hp JIRO Enerflex</b>																																				
SSY (1.133 Gear) - Gardner Denver Flow Table At 1800 RPM												SSY (1.667 Gear) - Gardner Denver Flow Table At 1800 RPM																																				
0	3.140	339	3.130	358	3.110	424	3.090	485	2.670	490	x	x	4.610	533	4.600	560	x	x	x	x	x	x	x	x	4.6	100%	4.6	100%	4.6	100%	4.6	100%	4.6	87%	x	x	4.6	100%	4.6	100%	x	x	x	x	x	x	x	x
5	4.360	350	4.360	398	4.350	473	3.840	490	x	x	x	x	6.410	562	5.820	590	x	x	x	x	x	x	x	x	3.2	100%	3.7	100%	4.6	100%	4.6	89%	x	x	x	x	3.2	100%	3.7	91%	x	x	x	x	x	x	x	x
10	5.580	373	5.580	412	5.340	490	4.380	490	x	x	x	x	7.720	590	6.970	590	x	x	x	x	x	x	x	x	2.8	100%	2.8	100%	3.7	96%	3.7	79%	x	x	x	x	2.8	94%	2.8	85%	x	x	x	x	x	x	x	x

NOTE: 8" Inlet Pipe/6" Discharge Pipe  
36" Vessels






NOTE: 10" Inlet Pipe/8" Discharge Pipe  
42" Vessels

Operating Conditions: Ambient Temperature 95 deg. F; Inlet Temperature 60 deg. F;

Elevation 2500 feet; SG = 0.65; RPM = 1800

This chart is created by Jiro Engineering using Gardner Denver sizing program

- Rotosize version 4.40.

-  -Above flow rates are calculated in mmscfd at 1800 RPM +/- 10%
-  -BRAKE HORSPOWER +/- 10%
-  -Vi Setting
-  -Slide Valve Position
-  -Consult Engineering