








S400 Series 400 hp JIRO Enerflex

SSY (0.745 Gear) - Gardner Denver Gas Screw Compressor Flow Table At 1800 RPM

DISCHARGE PRESSURE (psig)

Pressure	50		60		80		100		120		140		160		180		200		220		250	
	0	2.060 4.6	219 100%	2.060 4.6	233 100%	2.050 4.6	277 100%	2.030 4.6	319 100%	2.020 4.6	358 100%	1.830 4.6	370 91%	1.590 4.6	370 82%	1.450 4.6	370 73%	1.200 4.6	370 66%	1.140 4.6	370 58%	1.000 4.6
5	2.370 3.2	224 100%	2.860 3.7	254 100%	2.850 4.6	307 100%	2.840 4.6	348 100%	2.600 4.6	370 92%	2.280 4.6	370 81%	1.990 4.6	370 71%	1.700 4.6	370 61%	1.460 4.6	370 52%	1.240 4.6	370 41%	X	X
10	3.670 2.8	235 100%	3.650 2.6	262 100%	3.650 3.7	321 100%	3.400 3.7	370 97%	3.080 4.6	370 85%	2.640 4.6	370 73%	2.250 4.6	370 62%	1.830 4.6	370 51%	X	X	X	X	X	X
15	4.000 2.8	229 100%	4.460 2.8	259 100%	4.451 2.8	332 100%	4.110 3.7	370 93%	3.450 3.7	370 78%	3.000 4.6	370 68%	2.420 4.6	370 55%	1.900 4.6	370 41%	X	X	X	X	X	X
20	5.270 2.8	249 100%	5.265 2.8	270 100%	5.250 2.8	332 100%	4.770 3.2	370 91%	3.870 3.7	370 75%	3.160 3.7	370 61%	2.450 4.6	370 47%	X	X	X	X	X	X	X	X
25	6.070 2.8	236 100%	6.067 2.8	250 100%	6.055 2.8	344 100%	5.440 2.8	370 90%	4.400 3.2	370 73%	3.430 3.7	370 57%	2.400 3.7	370 40%	X	X	X	X	X	X	X	X
30	7.530 2.8	217 100%	6.850 2.8	270 100%	6.837 2.8	345 100%	5.880 2.8	370 87%	4.850 2.8	370 71%	3.750 3.2	370 55%	X	X	X	X	X	X	X	X	X	X
35	8.070 2.8	198 100%	7.671 2.8	255 100%	7.650 2.8	335 100%	6.500 2.8	370 85%	5.340 2.8	370 70%	3.960 2.8	370 52%	X	X	X	X	X	X	X	X	X	X
40	9.470 2.8	189 100%	8.460 2.8	230 100%	8.461 2.8	332 100%	7.180 2.8	370 85%	5.880 2.8	370 67%	4.470 2.8	370 53%	X	X	X	X	X	X	X	X	X	X
45	11.010 2.8	101 100%	9.270 2.8	197 100%	9.263 2.8	327 100%	8.050 2.8	370 87%	6.100 2.8	370 66%	4.520 2.8	370 49%	X	X	X	X	X	X	X	X	X	X
50	X	X	10.670 2.8	150 100%	10.650 2.8	304 100%	9.050 2.8	370 91%	6.530 2.8	370 67%	4.710 2.8	370 47%	X	X	X	X	X	X	X	X	X	X

-  -Above flow rates are calculated in mmscfd at 1800 RPM +/- 10%
-  -BRAKE HORSPOWER (370 hp max useable) +/- 10%
-  -Vi Setting
-  -Slide Valve Position
-  -Low Differential Pressure
-  -High Differential Pressure

 -Consult Engineering

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.