

36000 Series 325 hp JIRO Enerflex

SSY (GR: 0.745, VI: 4.6)- GARDNER DENVER Gas Screw Compressor Flow Table At 1800 RPM

DISCHARGE PRESSURE

Pressure		DISCHARGE PRESSURE									
		40	50	60	70	80	90	100	120	140	160
S U C T I O N	0	2.069	2.063	2.057	2.051	2.045	1.632	1.627	1.415	1.206	
		204	217	231	253	275	250	267	275	279	
	5	2.873	2.867	2.861	2.284	2.280	2.275	1.987	1.696	1.126	x
		232	251	273	246	256	272	268	279	272	x
	10	3.680	3.674	2.934	2.928	2.559	2.555	2.186		x	x
		242	270	252	274	269	282	272		x	x
	15	4.488	4.482	3.581	3.129	2.676	2.675	2.225	1.776	x	x
		236	277	260	266	267	285	281	287	x	x
	20	5.297	5.291	4.228	3.696	3.164	2.655	2.105	x	x	x
		218	273	263	271	277	281	283	x	x	x
25	6.109	6.103	4.877	4.264	3.651	2.432	x	x	x	x	
	189	258	260	268	280	272	x	x	x	x	
30	6.922	6.916	5.528	4.833	4.139	2.757	x	x	x	x	
	150	234	250	264	276	273	x	x	x	x	
35	7.736	7.730	7.724	6.175	4.628	3.955	x	x	x	x	
	100	201	275	279	268	275	x	x	x	x	
40	x	8.547	8.541	6.828	5.970	4.755	x	x	x	x	
	x	159	247	265	281	275	x	x	x	x	
45	x	9.365	9.359	7.482	6.543	5.605	3.734	x	x	x	
	x	108	211	245	271	284	287	x	x	x	
50	x	x	10.179	10.173	8.134	6.097	4.062	x	x	x	
	x	x	167	258	277	273	276	x	x	x	

- COMPRESSOR LOAD FACTOR AT 80%
- COMPRESSOR LOAD FACTOR AT 70%
- COMPRESSOR LOAD FACTOR AT 60%
- COMPRESSOR LOAD FACTOR AT 50%
- COMPRESSOR LOAD FACTOR AT 40%

-Above flow rates are calculated in mmscfd at 1800 RPM +/- 10%
 -BRAKE HORSEPOWER (285 HP AVAILABLE +/- 10%)

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.