

3500 Series 95 hp JIRO Enerflex

SSM (3.0Vi) - Gardner Denver Gas Screw Compressor Flow Table At 1800 RPM

DISCHARGE PRESSURE (psig)

Pressure	DISCHARGE PRESSURE (psig)														
	50	60	80	100	120	140	160	180	200	220	240	260	280	300	320
S U C T I O N	0	0.494	0.493	0.490	0.487	0.388	0.335	0.286	0.237	0.188	X	X	X	X	X
	48	54	66	77	74	76	78	79	79	X	X	X	X	X	X
	5	0.684	0.683	0.680	0.560	0.539	0.410	0.333	0.266	X	X	X	X	X	X
	49	56	69	72	79	78	78	80	X	X	X	X	X	X	X
	10	0.874	0.873	0.870	0.693	0.691	0.516	0.350	X	X	X	X	X	X	X
	51	57	71	72	82	79	80	X	X	X	X	X	X	X	X
	15	1.064	1.063	1.060	0.846	0.783	0.540	0.419	X	X	X	X	X	X	X
	52	59	71	73	78	78	80	X	X	X	X	X	X	X	X
	20	1.254	1.251	0.998	0.872	0.640	X	X	X	X	X	X	X	X	X
	50	59	74	73	79	80	X	X	X	X	X	X	X	X	X
25	1.442	1.151	1.005	0.740	X	X	X	X	X	X	X	X	X	X	
46	57	75	75	79	80	X	X	X	X	X	X	X	X	X	
30	1.304	1.139	0.840	X	X	X	X	X	X	X	X	X	X	X	
47	54	75	76	79	80	X	X	X	X	X	X	X	X	X	
35	1.457	1.120	0.940	X	X	X	X	X	X	X	X	X	X	X	
38	48	72	77	78	80	X	X	X	X	X	X	X	X	X	
40	1.240	0.830	X	X	X	X	X	X	X	X	X	X	X	X	
24	41	69	76	79	78	X	X	X	X	X	X	X	X	X	
45	1.360	0.910	X	X	X	X	X	X	X	X	X	X	X	X	
23	42	71	78	80	80	X	X	X	X	X	X	X	X	X	
50	1.480	0.980	X	X	X	X	X	X	X	X	X	X	X	X	
22	43	73	78	79	80	X	X	X	X	X	X	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 HORSPOWER (80 hp usable) +/- 10%
- Low 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.