

# 9000 Series 220 h.p. JIRO Enerflex

## 160LM - MYCOM Gas Screw Compressor Flow Table At 1800 RPM

### DISCHARGE PRESSURE PSIG

Pressure	DISCHARGE PRESSURE PSIG												
	80	100	120	140	160	180	200	220	240	260	280	300	
0	0.592	0.579	0.559	0.533	0.514	0.495	0.475	0.454	0.432	0.411	0.308	0.254	
	97	109	121	130	142	154	165	177	189	200	195	183	
10	1.035	1.021	1.001	0.973	0.955	0.936	0.916	0.895	0.873	0.676	0.579	0.563	
	99	116	129	140	152	164	176	189	201	194	181	191	
S 20	1.476	1.463	1.443	1.414	1.396	1.377	1.357	1.336	1.043	0.905	0.888	0.871	
	101	118	136	148	161	174	187	200	194	181	191	201	
U 30	1.919	1.904	1.884	1.856	1.837	1.818	1.798	1.409	1.229	1.213	1.197	1.003	
	103	121	138	157	171	184	198	193	180	191	201	184	
C 40	2.361	2.346	2.327	2.297	2.278	2.259	1.775	1.553	1.537	1.522	1.279	1.265	
	105	123	141	166	180	194	189	176	188	200	185	194	
T 50	2.802	2.788	2.768	2.737	2.719	2.141	1.876	1.861	1.846	1.555	1.541	1.273	
	107	125	143	174	189	185	174	186	198	183	193	181	
I 60	*****	3.231	3.209	3.178	3.161	2.490	2.185	2.169	1.830	1.817	1.803	1.491	
	*****	127	146	182	197	194	182	194	180	191	202	189	
O 70	*****	3.672	3.652	3.619	2.901	2.507	2.493	2.478	2.093	2.079	1.721	1.709	
	*****	129	148	189	191	177	190	203	188	199	187	197	
N 80	*****	*****	4.093	4.061	2.829	2.816	2.802	2.787	2.355	1.951	1.94	1.502	
	*****	*****	151	197	171	184	197	211	196	185	195	187	

- COMPRESSOR LOAD FACTOR AT 80 % CAPACITY
- COMPRESSOR LOAD FACTOR AT 70 % CAPACITY
- COMPRESSOR LOAD FACTOR AT 60 % CAPACITY
- COMPRESSOR LOAD FACTOR AT 50 % CAPACITY
- COMPRESSOR LOAD FACTOR AT 40 % CAPACITY
- Above flow rates are calculated in mmscfd at 1800 RPM
- Brake Horse Power (Caterpillar 3306ATAAC, 195hp Available )