

# 9000 Series 220 h.p. Jiro Compression Ltd.

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

DISCHARGE PRESSURE PSIG

Pressure

	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	0.387	0.254
10	97	109	121	130	142	154	165	177	189	200	212	183
	1.035	1.021	1.001	0.973	0.955	0.936	0.916	0.895	0.873	0.851	0.579	0.563
20	99	116	129	140	152	164	176	189	201	213	181	191
	1.476	1.463	1.443	1.414	1.396	1.377	1.357	1.336	1.314	0.905	0.888	0.871
30	101	118	136	148	161	174	187	200	213	181	191	201
	1.919	1.904	1.884	1.856	1.837	1.818	1.798	1.777	1.229	1.213	1.197	1.181
40	103	121	138	157	171	184	198	211	180	191	201	212
	2.361	2.346	2.327	2.297	2.278	2.259	2.239	1.553	1.537	1.522	1.505	1.489
50	105	123	141	166	180	194	208	176	188	200	212	223
	2.802	2.788	2.768	2.737	2.719	2.701	1.876	1.861	1.846	1.831	1.814	*****
60	107	125	143	174	189	203	174	186	198	210	222	*****
	*****	3.231	3.209	3.178	3.161	3.141	2.185	2.169	2.155	NOTE: SLIDE VALVE SET	AT 70% CAPACITY	*****
	*****	127	146	182	197	213	182	194	207	*****	*****	*****
70	*****	3.672	3.652	3.619	3.601	2.507	2.493	2.478	2.463	*****	*****	*****
	*****	129	148	189	206	177	190	203	216	*****	*****	*****
80	*****	*****	4.093	4.061	2.829	2.816	2.802	2.787	2.772	*****	*****	*****
	*****	*****	151	197	171	184	197	211	224	*****	*****	*****

- OIL PUMP IS REQUIRED FOR COMPRESSOR LUBRICATION, IF DIFFERENTIAL FROM SUCTION TO DISCHARGE IS LESS THAN 70PSI
- COMPRESSOR LOAD FACTOR AT 70 % CAPACITY
- Above flow rates are calculated in mmscfd at 1800 RPM
- Brake Horse Power (Caterpillar 3306ATAAC )
- MUST CONSULT JIRO MANUFACTURING IF RUNNING IN THESE PARAMETERS 1-888-742-5550