

# 7400 Series 150 h.p. JIRO Enerflex Ltd.

## 160SM - MYCOM Gas Screw Compressor Flow Table At 2400 RPM

### DISCHARGE PRESSURE

Pressure	DISCHARGE PRESSURE											
	80	100	120	140	160	180	200	220	240	260	280	300
0	0.359	0.351	0.339	0.321	0.309	0.296	0.283	0.269	0.255	0.241	0.225	0.113
	59	66	73	80	87	94	101	108	116	123	130	97
10	0.628	0.619	0.607	0.578	0.566	0.551	0.541	0.527	0.512	0.498	0.278	0.268
	60	70	78	86	93	100	108	116	124	131	94	99
20	0.896	0.888	0.875	0.835	0.824	0.811	0.797	0.784	0.771	0.443	0.433	0.423
	61	72	82	91	99	107	115	123	131	94	99	104
30	1.164	1.155	1.143	1.102	1.081	1.067	1.054	1.042	0.607	0.598	0.588	0.579
	62	73	84	95	105	113	121	130	93	99	104	110
40	1.432	1.423	1.411	1.372	1.351	1.325	1.312	0.771	0.762	0.753	0.744	0.734
	63	74	85	96	108	119	127	92	98	104	110	115
50	1.701	1.692	1.679	1.644	1.622	1.601	1.576	0.927	0.918	0.909	0.899	0.891
	64	73	87	97	109	120	132	96	103	109	115	121
60	*****	1.959	1.947	1.916	1.897	1.871	1.848	1.082	1.073	1.064	1.055	1.045
	*****	77	88	100	111	122	133	101	107	114	120	127
70	*****	2.228	2.215	2.188	2.166	2.143	1.246	1.237	1.229	NOTE: SLIDE VALVE SET AT 60% CAPACITY		
	*****	78	90	101	113	125	98	105	112			
80	*****	*****	2.483	2.459	2.438	2.415	1.401	1.393	1.384	1.375	1.365	*****
	*****	*****	92	103	115	126	102	109	116	123	131	*****

-OIL PUMP IS REQUIRED FOR COMPRESSOR LUBRICATION ( REQUIRED IF DIFFERENTIAL FROM SUCTION TO DISCHARGE IS LESS THAN 70PSI)

-COMPRESSOR LOAD FACTOR AT 60% CAPACITY

-Above flow rates are calculated in mmscfd at 2400 RPM

-Brake Horse Power (130 available with 1200 b.t.u fuel gas)

For More Information Contact 1-888-742-5550