

KC-5120

COMPRESSOR PERFORMANCE SHEET

All Performance is Estimated

BASIS

Dry, Sweet Natural Gas
 Specific Gravity = 0.65
 "N" Value = 1.26

Suction Temperature = 80° F

NR = Not Recommended

FLOW RATE (MCFD) AT 900 RPM

DISCHARGE PRESSURE → -----	100	125	150	175	200	225	250	275	300	325
INLET PRESSURE ↓										
0	126	123	121	119	116	114	112	109	107	105
5	172	170	167	165	163	160	158	156	154	151
10	218	216	214	212	209	207	205	202	200	198
15	265	263	260	258	256	254	NR	NR	NR	NR

HORSEPOWER AT 900 RPM

DISCHARGE PRESSURE → -----	100	125	150	175	200	225	250	275	300	325
INLET PRESSURE ↓										
0	16.1	17.4	18.5	19.4	20.2	20.8	21.3	21.7	21.9	22.0
5	19.4	20.9	22.2	23.4	24.5	25.5	26.3	27.1	27.7	28.3
10	22.5	24.1	25.6	26.9	28.2	29.4	30.5	31.5	32.5	33.0
15	25.8	27.1	28.7	30.2	31.7	33.0	NR	NR	NR	NR