

# KC-340

## 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	150	200	250	300	350	400
INLET PRESSURE ↓							
0	44	43	42	41	40	39	NR
5	60	59	58	57	56	55	54
10	76	75	74	73	72	71	70
15	NR	91	90	89	88	87	86
20	NR	107	106	105	104	103	102
25	NR	123	122	121	120	119	118
30	NR	NR	138	137	136	135	134

### HORSEPOWER AT 900 RPM

DISCHARGE PRESSURE → -----	100	150	200	250	300	350	400
INLET PRESSURE ↓							
0	6.3	7.7	8.5	9.0	9.3	9.6	NR
5	7.3	9.0	10.1	10.8	11.4	11.8	12.1
10	8.2	10.0	11.3	12.3	13.1	13.7	14.1
15	NR	10.7	12.4	13.6	14.6	15.3	15.9
20	NR	11.3	13.2	14.7	15.8	16.7	17.4
25	NR	11.7	13.9	15.6	16.9	17.9	18.8
30	NR	NR	14.5	16.3	17.8	19.0	20.0