

7. PERFORMANCE TABLES

GRASSO
COMPRESSOR SERIES AC80

R12

n = 1450 rev/min

$\Delta t_o = 20 \text{ K}$

$\Delta t_c = 0 \text{ K}$

t_c °C	t_o °C						
		15	10	5	0	-5	
25	QO	KW	466.7	393.4	328.8	272.5	223.5
		KCAL/H	401300	338300	282700	234300	192200
	PE	KW	37.9	44.9	47.5	47.2	44.9
		PK	51.5	61.1	64.6	64.1	61.1
30	QO	KW	446.4	375.4	312.8	258.3	210.9
		KCAL/H	383800	322700	268900	222100	181300
	PE	KW	50.5	53.8	53.8	51.6	48.2
		PK	68.6	73.2	73.2	70.2	65.5
35	QO	KW	425.7	357.0	296.5	243.8	198.0
		KCAL/H	366100	306900	254900	209600	170300
	PE	KW	60.7	61.1	59.0	55.5	51.0
		PK	82.5	83.1	80.3	75.4	69.4
40	QO	KW	404.7	338.2	279.8	229.1	185.0
		KCAL/H	348000	290800	240600	197000	159000
	PE	KW	69.1	67.2	63.5	58.8	53.6
		PK	93.9	91.4	86.4	80.0	72.8
45	QO	KW	383.3	319.3	263.0	214.2	171.7
		KCAL/H	329600	274500	226200	184200	147700
	PE	KW	76.1	72.4	67.5	61.8	55.8
		PK	103.5	98.5	91.7	84.1	75.9
50	QO	KW	361.6	300.0	246.0	199.1	158.4
		KCAL/H	310900	258000	211500	171200	136200
	PE	KW	82.1	77.0	71.0	64.5	57.8
		PK	111.7	104.7	96.5	87.7	78.5
55	QO	KW	339.6	280.5	228.7	183.8	144.9
		KCAL/H	292000	241200	196700	158100	124600
	PE	KW	87.4	81.1	74.1	66.9	59.3
		PK	118.9	110.2	100.8	90.9	80.6
60	QO	KW	317.3	260.8	211.3	168.5	131.4
		KCAL/H	272900	224200	181700	144900	113000
	PE	KW	92.1	84.7	76.9	68.8	60.2
		PK	125.3	115.2	104.6	93.6	81.9
65	QO	KW	294.8	240.9	193.8	153.1	117.9
		KCAL/H	253500	207200	166700	131600	101400
	PE	KW	96.4	88.1	79.4	70.3	60.6
		PK	131.1	119.7	107.9	95.5	82.4
70	QO	KW	272.2	221.0	176.3	137.7	104.5
		KCAL/H	234000	190000	151600	118400	89900
	PE	KW	100.3	91.0	81.3	71.1	60.4
		PK	136.3	123.7	110.5	96.6	82.1
75	QO	KW	249.5	201.0	158.9	122.5	91.3
		KCAL/H	214500	172900	136600	105400	78500
	PE	KW	103.7	93.4	82.6	71.2	59.9
		PK	141.0	127.0	112.3	96.8	81.5

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