

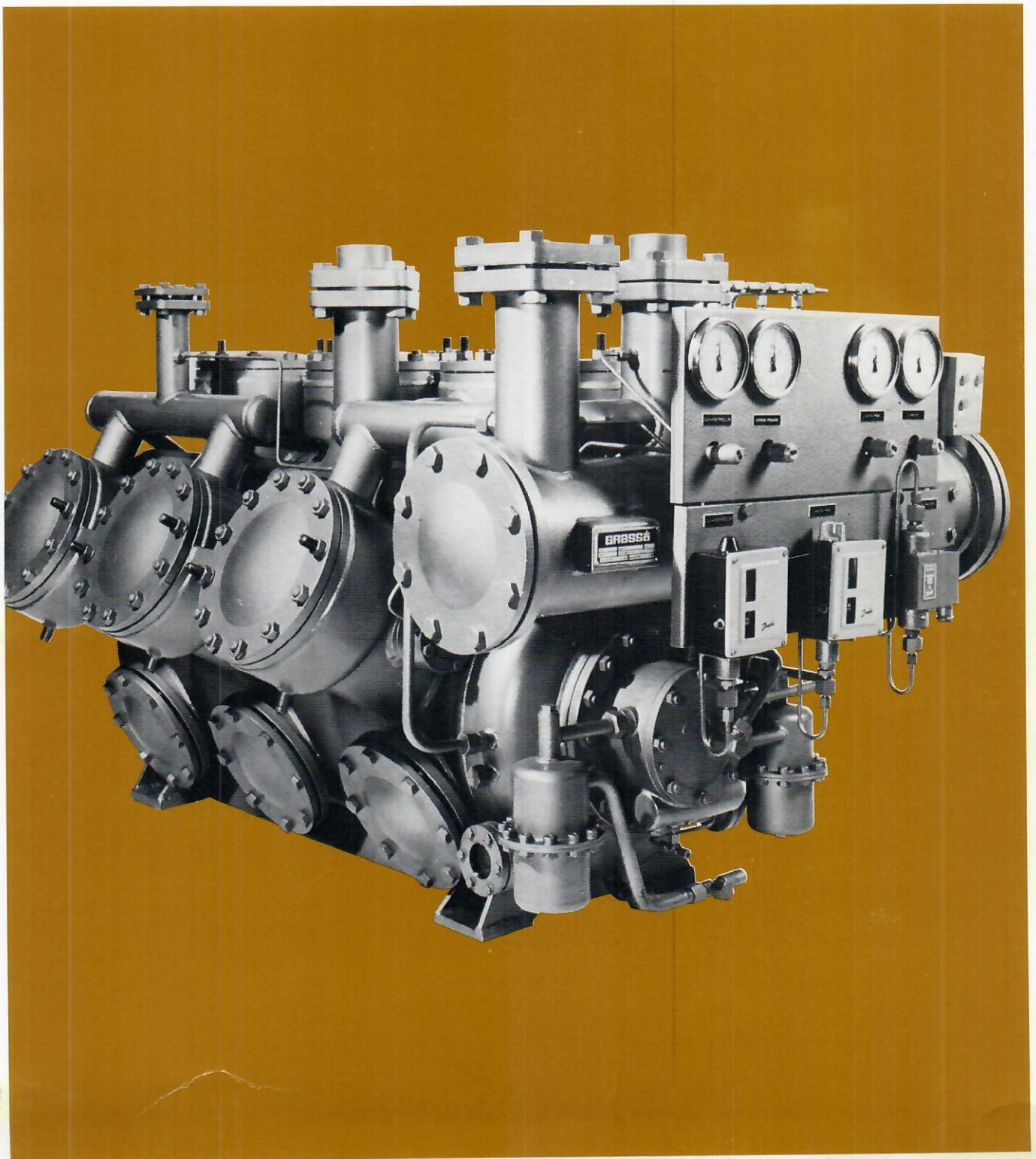
GRASSO

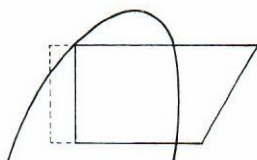
Refrigeration compressor

RC 11

Engineering Data

Single-stage, booster, two-stage
NH₃, R12, R22, R502





Single-stage

n = 1000 rpm

$\downarrow t_0(^{\circ}\text{C})$	$\downarrow \Delta t_0(\text{K})$	$\rightarrow t_c(^{\circ}\text{C})$	+20	+25	+30	+35	+40	+45
+ 5	5	Q_o (kcal/h)	743 900	712 200	679 500	646 700	612 900	578 700
	15		735 100	704 700	673 300	641 700	609 200	576 300
	25		728 500	699 200	669 000	638 500	607 200	575 400
	—	P_e (kW)	113.5	124.6	136.5	148.9	161.8	175.1
0	5	Q_o (kcal/h)	623 700	595 800	567 100	538 200	508 500	478 400
	15		616 800	590 000	562 300	534 500	505 900	476 900
	25		611 400	585 500	558 800	531 900	504 200	476 200
	—	P_e (kW)	108.7	119.3	130.5	142.1	154.0	166.0
- 5	5	Q_o (kcal/h)	518 300	493 800	468 500	443 100	417 100	390 700
	15		512 700	489 200	464 800	440 300	415 100	389 600
	25		508 500	485 700	462 200	438 400	414 000	389 200
	—	P_e (kW)	103.9	113.9	124.2	134.8	145.4	155.8
-10	5	Q_o (kcal/h)	426 700	405 100	383 000	360 600	337 700	314 600
	15		422 300	401 600	380 100	358 500	336 300	313 900
	25		418 600	398 500	377 700	356 800	335 200	313 400
	—	P_e (kW)	98.9	108.1	117.4	126.7	135.8	144.4
-15	5	Q_o (kcal/h)	347 100	328 200	308 700	289 100	269 000	248 700
	15		343 500	325 300	306 400	287 400	267 900	248 100
	25		340 800	323 100	304 700	286 200	267 200	248 000
	—	P_e (kW)	93.6	101.8	109.9	117.7	124.9	131.1
-20	5	Q_o (kcal/h)	278 500	261 900	244 800	227 500	209 900	192 100
	15		275 700	259 500	242 900	226 100	209 000	191 600
	25		273 400	257 700	241 500	225 200	208 400	191 500
	—	P_e (kW)	87.8	94.8	101.4	107.2	112.1	115.5
-25	5	Q_o (kcal/h)	219 600	205 000	189 900	174 700	159 200	143 600
	15		217 500	203 300	188 600	173 800	158 600	143 400
	25		215 700	201 900	187 500	173 100	158 200	143 300
	—	P_e (kW)	81.3	86.7	91.3	94.9	96.8	96.7
-30	5	Q_o (kcal/h)	169 600	156 600	143 300	129 900	116 300	102 500
	15		167 900	155 300	142 300	129 200	115 800	102 300
	25		166 500	154 200	141 500	128 600	115 500	102 300
	—	P_e (kW)	73.6	77.1	79.4	79.9	78.3	73.9
-35	5	Q_o (kcal/h)	127 200	115 700	104 000	92 100	—	—
	15		125 900	114 700	103 200	91 500	—	—
	25		124 800	113 900	102 600	91 100	—	—
	—	P_e (kW)	64.4	65.5	64.7	61.7	—	—
-40	5	Q_o (kcal/h)	91 600	81 400	—	—	—	—
	15		90 700	80 700	—	—	—	—
	25		90 000	80 100	—	—	—	—
	—	P_e (kW)	53.1	51.1	—	—	—	—