



BOOSTER - CAPACITY (TR) AND POWER RATING (BHP) @ 3550 RPM, 60 Hz Motors

**RDB-316**

<b>R-717</b>		SATURATED INTERMEDIATE TEMPERATURE, °F/CORRESPONDING PRESSURE, PSIG						
		-20.0 3.6	-10.0 9.0	0.0 15.7	10.0 23.8	20.0 33.5	30.0 45.0	40.0 58.6
SATURATED SUCTION TEMPERATURE, °F/CORRESPONDING PRESSURE, PSIG (* in Hg)	-80. TR 24.3* BHP	49.9 98.0	47.3 109.9	44.5 122.6	41.5 137.8	37.8 155.5	33.7 172.2	30.2 242.8
	-75. TR 23.2* BHP	60.9 101.1	58.2 113.6	55.3 126.8	52.1 140.9	48.4 157.9	44.1 173.5	40.4 215.7
	-70. TR 21.9* BHP	73.6 102.9	70.7 117.3	67.7 131.4	64.4 145.7	60.5 163.4	56.1 179.5	52.0 209.8
	-65. TR 20.4* BHP	88.1 103.6	85.1 120.3	81.8 135.7	78.3 151.4	74.5 170.4	69.9 187.8	65.4 212.1
	-60. TR 18.6* BHP	104.7 105.9	101.5 121.5	98.0 139.5	94.3 156.6	90.2 177.1	85.7 197.4	80.7 218.5
	-55. TR 16.6* BHP	123.6 108.6	120.0 122.9	116.3 142.0	112.4 161.1	108.0 183.3	103.4 206.0	98.2 227.0
	-50. TR 14.3* BHP	145.1 110.3	141.2 126.0	137.1 143.2	132.9 164.9	128.1 188.8	123.3 213.4	117.9 236.7
	-45. TR 11.7* BHP	169.2 112.4	164.9 129.0	160.5 145.4	155.9 166.8	150.9 193.5	145.5 219.7	140.2 246.8
	-40. TR 8.7* BHP	196.4 111.8	191.9 132.1	186.9 149.3	181.9 168.1	176.4 196.9	170.7 225.6	164.8 254.1
	-35. TR 5.4* BHP	226.8 103.2	221.7 134.1	216.3 153.4	211.0 171.6	205.1 198.6	198.7 230.2	192.4 261.4
	-30. TR 1.6* BHP	260.9 83.6	255.3 130.7	249.4 157.5	243.4 176.3	236.9 201.3	230.3 233.1	223.1 266.9
	-25. TR 1.3 BHP	298.9 50.4	292.7 118.2	286.1 158.2	279.5 182.4	272.5 205.7	265.2 235.5	257.6 271.2
	-20. TR 3.6 BHP		334.3 94.0	327.1 151.4	319.5 186.0	312.0 212.1	303.9 239.6	295.6 275.5
	-15. TR 6.2 BHP		380.4 55.7	372.5 134.6	364.2 184.5	355.8 219.0	347.1 245.9	337.6 277.8
	-10. TR 9.0 BHP			422.7 105.5	413.6 174.0	404.1 223.5	394.5 253.3	384.7 283.6
	-5. TR 12.2 BHP			478.0 61.5	468.0 152.4	457.5 221.5	447.0 261.2	436.3 291.0
0. TR 15.7 BHP				527.9 117.9	516.1 208.8	504.7 266.9	492.8 300.3	

NOTE: Capacities based on liquid at intermediate saturation temperature and no suction superheat.