

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

RDB-100

R-717		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	15.6 32.3	14.8 35.8	13.9 39.4	12.9 43.8	11.8 49.7	10.6 57.1	9.7 78.9
	-75. TR 23.2* BHP	19.1 33.2	18.3 37.2	17.3 41.1	16.3 45.3	15.1 50.7	13.9 56.9	12.9 70.2
	-70. TR 21.9* BHP	23.1 33.8	22.2 38.3	21.2 42.7	20.2 47.2	18.9 52.7	17.6 58.5	16.5 68.2
	-65. TR 20.4* BHP	27.6 34.3	26.7 39.2	25.7 44.0	24.6 48.9	23.3 55.1	21.9 60.9	20.6 68.8
	-60. TR 18.6* BHP	32.9 34.9	31.8 39.9	30.7 45.2	29.6 50.5	28.3 57.2	26.9 63.8	25.4 70.8
	-55. TR 16.6* BHP	38.8 35.2	37.7 40.5	36.5 46.2	35.2 52.0	33.8 59.1	32.4 66.5	30.8 73.5
	-50. TR 14.3* BHP	45.5 35.3	44.3 41.4	43.0 46.8	41.7 53.2	40.2 60.9	38.6 68.9	36.9 76.5
	-45. TR 11.7* BHP	53.1 35.9	51.7 42.1	50.3 47.8	48.9 54.2	47.3 62.4	45.6 70.8	43.8 79.7
	-40. TR 8.7* BHP	61.6 35.7	60.2 42.8	58.6 49.1	57.0 55.0	55.3 63.7	53.5 72.7	51.6 82.0
	-35. TR 5.4* BHP	71.2 33.1	69.5 43.3	67.9 50.4	66.1 56.4	64.3 64.5	62.4 74.2	60.3 84.1
	-30. TR 1.6* BHP	81.9 27.0	80.1 42.2	78.3 51.5	76.3 58.4	74.3 65.7	72.2 75.5	70.1 86.0
	-25. TR 1.3 BHP	93.8 16.3	91.8 38.3	89.8 51.6	87.7 60.3	85.5 67.2	83.1 76.5	80.8 87.6
	-20. TR 3.6 BHP		104.9 30.5	102.6 49.3	100.3 61.4	97.9 69.2	95.4 77.8	92.8 89.2
	-15. TR 6.2 BHP		119.3 18.1	116.9 43.9	114.3 60.7	111.6 71.3	108.9 79.4	106.0 90.0
	-10. TR 9.0 BHP			132.6 34.4	129.8 57.1	126.8 72.8	123.8 81.3	120.7 91.2
	-5. TR 12.2 BHP			150.0 20.1	146.8 50.0	143.5 72.2	140.2 84.2	136.9 92.5
0. TR 15.7 BHP				165.6 38.6	162.0 68.4	158.2 86.1	154.5 95.4	

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