

# Stator Identification

## Stator Data Sheet

Stator Type	WB (Com-Run) Ohms	WG (Com-Phase) Ohms	BG (Run-Phase) Ohms	High-Pot Voltage @ 0.3 mA
<b>CGR</b>				
240, 260	24.5 - 57.5	93.5 - 126.5	136.0 - 184.0	900 VAC
550, 610	31.5 - 42.5	74.0 - 100.0	106.3 - 143.7	900 VAC
J185	19.5 - 26.4	45.9 - 62.1	66.3 - 89.7	900 VAC
M51	11.9 - 16.1	11.9 - 16.1	23.8 - 32.2	
<b>GE</b>				
MX75, 100, 125 LOW IMPEDENCE	19.5 - 26.4	19.5 - 26.4	39.1 - 52.9	600 VAC
AMX75 HIGH IMPEDENCE	25.5 - 34.5	76.5 - 103.5	102.0 - 138.0	600 VAC
<b>MACHLETT</b>				
Dynamax 52	15.7 - 21.3	42.5 - 57.5	58.2 - 78.8	900 VAC
Dynamax 62	19.6 - 26.4	47.6 - 64.4	67.2 - 90.8	900 VAC
Dynamax 62U, 70U "STD"	12.8 - 17.2	30.6 - 41.4	43.4 - 58.6	900 VAC
Dynamax 62U, 70U "Q"	6.0 - 8.0	11.9 - 16.1	17.9 - 24.1	900 VAC
Dynamax 62U, 70U "P"	12.8 - 17.2	12.8 - 17.2	25.5 - 34.5	900 VAC
<b>Philips</b>				
ROT 350, 351, 500, 501 <sup>1</sup>	7.7 - 10.3	9.4 - 12.6	17.0 - 23.0	600 VAC
<b>Marconi</b>				
1300 & 1400 (S stator)	13.6 - 18.4	25.5 - 34.5	39.1 - 52.9	900 VAC
1400 (Q stators)	5.1 - 6.9	10.2 - 13.8	15.3 - 20.7	900 VAC
<b>Shimadzu</b>				
RX80	7.7 - 10.3	20.4 - 27.6	28.0 - 38.0	600 VAC
<b>Siemens</b>				
Opti 150, Megalix	11.9 - 16.1	15.3 - 20.7	27.2 - 36.8	900 VAC
Opti 150, Megalix 3 Ø stator	2.1 - 2.9	2.1 - 2.9	2.1 - 2.9	900 VAC
<b>Toshiba</b>				
ALL	8.5 - 11.5	25.5 - 34.5	34.0 - 46.0	900 VAC
<b>Varian</b>				
B100, B130, B150, B160, B190 "STD" (R)	13.6 - 16.8	42.5 - 57.5	56.1 - 75.9	1250 VAC
B180, B182 "STD" (R)	11.9 - 16.1	39.1 - 52.9	50.2 - 67.8	1250 VAC
B100 "Q"	7.7 - 10.3	13.6 - 16.8	21.3 - 28.7	1250 VAC
B130, B150, B160 "Q"	5.1 - 6.9	9.4 - 12.6	14.5 - 19.5	1250 VAC
B100, B130, B150, B160, B190 "P"	13.6 - 16.8	11.9 - 16.1	25.5 - 34.5	1250 VAC
B130, B150, B160 "S"	13.6 - 16.8	29.7 - 40.2	34.4 - 58.6	1250 VAC
Diamond, Emerald, & Sapphire	17.0 - 23.0	42.5 - 57.5	59.5 - 80.5	600 VAC
Stator Type	WB (Com-Run) Ohms	WR (Com-Phase) Ohms	BR (Run-Phase) Ohms	High-Pot Voltage @ 0.3 mA
<b>Comet</b>				
DO9/10 20/50 Ohm (Std)	17.8 - 22.3	41.5 - 55.5	68.4 - 76.5	1000 VAC
DO9/10 47/60 Ohm (HS)	45.2 - 49.8	57.5 - 62.8	100.4 - 107.5	1000 VAC

<sup>1</sup> Determine winding balance:

1. Remove all jumpers
2. Terminal 1 to Terminal 7:  $18\Omega \pm 1\Omega$
3. Terminal 3 to Terminal 9:  $18\Omega \pm 1\Omega$
4. Difference between step 2 and step 3 <  $1\Omega$
5. Terminal 2 to terminal 8:  $21\Omega$
6. Terminal 4 to Terminal 10:  $21\Omega$
7. Difference between step 5 and step 6 <  $1\Omega$