

PRODUCT INFORMATION PACKET



Model No: C682
Catalog No: C682
1,1725,DP,56,1/60/208-230/115
General Purpose Motors



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Nameplate Specifications

Output HP	1.000 Hp	Output KW	0.75 kW
Frequency	60 Hz	Voltage	208-230/115 V
Current	6.2-6.3/12.6 A	Speed	1725 rpm
Service Factor	1.25	Phase	1
Duty	Continuous	Insulation Class	B
Frame	K56	Enclosure	Drip Proof
Thermal Protection	Thermally Protected	Ambient Temperature	40 °C
UL	Recognized	CSA	Y
CE	N	Number of Speeds	1

Technical Specifications

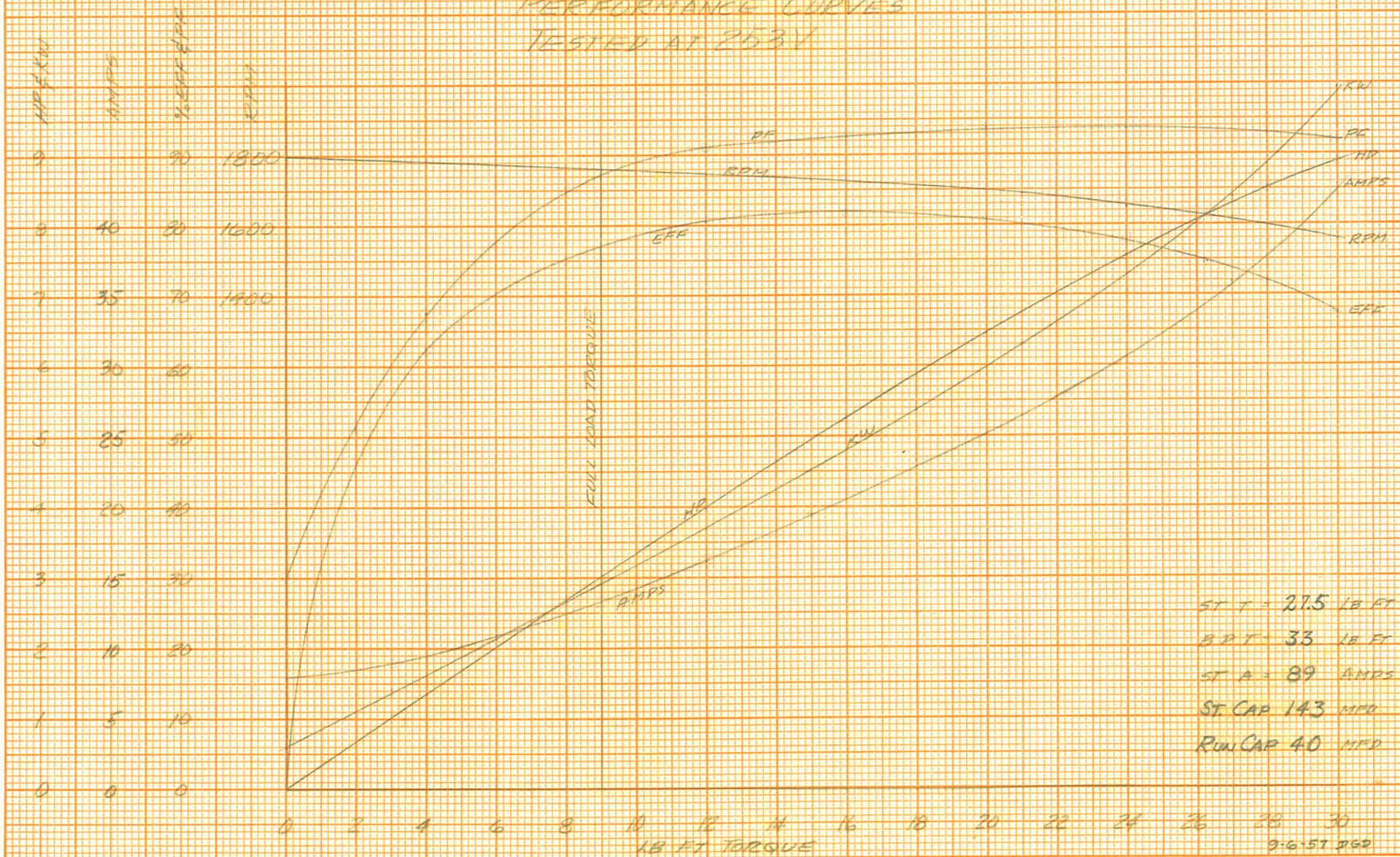
Electrical Type	Capacitor Start, Induction Run, Single Or Dual Voltage	Starting Method	Across The Line
Poles	4	Rotation	Reversible Counterclockwise
Mounting	Rigid Base	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	Keyed	Overall Length	11.44 in
Frame Length	5.50 in	Shaft Diameter	0.625 in
Shaft Extension	1.94 in		
Connection Drawing	17050317.PCX	Outline Drawing	C682-S01

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C682

A. O. SMITH CORP
 ELECTRIC MOTOR DIVISION
 3HP, 230V, 60Hz, 4POLE, 1PH, HERMETIC MOTOR
 PERFORMANCE CURVES
 TESTED AT 253V

EX17482



ST T = 27.5 LB FT
 BBT = 33 LB FT
 ST A = 89 AMPS
 ST CAP 143 MFD
 RUN CAP 40 MFD

9-6-57 JGG

C682