

MOTOR DATA AND TYPICAL PERFORMANCE REPORT



ROTRON® Technical & Industrial Products

75 North Street, Saugerties, NY 12477 U.S.A.
Telephone: 845-246-3401 Fax: 845-246-3802
e-mail: rotronindustrial@ametek.com
website: www.rotronindustrial.com

DATE 3/14/14

CUSTOMER:

ENGINEER: NL

MOTOR MFG.	<u>Baldor</u>
BLOWER MODEL	<u>DR707D89MX</u> <u>DR757D89X</u>
MOTOR P/N	<u>515551</u>
MOTOR SPEC. #	<u>36F530-194</u>
SPECIAL FEATURES	<u></u>
BEARING # - SHAFT END	<u>6206</u>
BEARING # - OPPOSITE SHAFT END	<u>6205</u>

HORSEPOWER	<u>5</u>	PROTECTOR (TYPE)	<u>None</u>
RPM	<u>3450</u>	FRAME	<u>182TCZ</u>
VOLTAGE	<u>208-230/460</u>	ENCLOSURE	<u>TEFC</u>
NAMEPLATE AMPS	<u>17.3-15.6/7.8</u>	MOUNTING	<u>C-Face F-2</u>
PHASE	<u>3</u>	INSULATION CLASS	<u>F</u>
FREQUENCY	<u>60</u>	CODE	<u>N</u>
AMBIENT TEMP.	<u>40°C</u>	DUTY	<u>Con't.</u>
SERVICE FACTOR	<u>1.15</u>	NEMA DESIGN	<u>B</u>

MOTOR TEST VALUES

FULL LOAD AMPS @	<u>208-230/460</u>	VOLTS	<u>17.3-15.6/7.8</u>
FULL LOAD WATTS	<u>4430</u>		<u></u>
FULL LOAD RPM	<u>3450</u>		<u></u>
FULL LOAD EFFICIENCY %	<u>83</u>		<u></u>
FULL LOAD POWER FACTOR %	<u>80</u>		<u></u>
FULL LOAD TORQUE – LB. FT.	<u>7.5</u>		<u></u>
1.15 S.F. 0°C RISE/RES.	<u>60</u>		<u></u>
BREAKDOWN TORQUE	<u>52</u>		<u></u>
LOCKED ROTOR TORQUE – LB. FT.	<u>43</u>		<u></u>
LOCKED ROTOR AMPS	<u>76</u>	@ VOLTS	<u>460</u>

REV: DATE: