

STAINLESS MOTORS, INC.

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STAINLESS STEEL WASHDOWN DUTY MOTOR DATA SHEET

Date: 06/22/05

RATED HORSEPOWER	30 hp
VOLTAGE / PHASES / FREQUENCY	230/460/3/60Hz
FULL LOAD SPEED	1780 RPM
APPLICABLE NEMA FRAMES	286T, 286TC, 286TS, 286TSC
ENCLOSURE TYPE	TEFC
SERVICE FACTOR	1.15
INSULATION CLASS	F
MAXIMUM AMBIENT TEMPERATURE	40°
BEARING SIZE / TYPE (SHAFT END)	6311-2RS
(OPPOSITE SHAFT END)	6309-2RS
NEMA DESIGN LETTER	B
NEMA CODE LETTER	G
FULL LOAD CURRENT	72/36 AMPS
NOMINAL FULL LOAD EFFICIENCY	93%
SUITABLE FOR USE WITH VARIABLE FREQUENCY DRIVE (4:1 RATIO)	YES

HP/SF RATING CRITERIA WITH LINE VOLTAGE INPUT

VOLTAGE VARIATION	LESS THAN ± 10%
PHASE VOLTAGE IMBALANCE (60HZ LINE)	LESS THAN ± 1%
FREQUENCY VARIATION	LESS THAN ± 5%
TEMPERATURE RANGE	BETWEEN -15° AND 40° C
MAXIMUM ALTITUDE WITHOUT DERATING	LESS THAN 3,300 FT.

COMMENTS: CLASS F THERMOSTATS