

STAINLESS MOTORS, INC.

7601 Nita Place NE • Rio Rancho • NM • 87144

(505) 867-0224 • Fax: (505) 867-0225

STAINLESS STEEL WASHDOWN DUTY MOTOR DATA SHEET

Date: 06/24/05

RATED HORSEPOWER	7.5 hp
VOLTAGE / PHASES / FREQUENCY	208-230/460/3/60Hz
FULL LOAD SPEED	3500 RPM
APPLICABLE NEMA FRAMES	213T, 213TC
ENCLOSURE TYPE	TEFC
SERVICE FACTOR	1.15
INSULATION CLASS	F
MAXIMUM AMBIENT TEMPERATURE	40°
BEARING SIZE / TYPE (SHAFT END)	6307-2RS
(OPPOSITE SHAFT END)	6206-2RS
NEMA DESIGN LETTER	B
NEMA CODE LETTER	M
FULL LOAD CURRENT	18.7-17.6/8.8 AMPS
NOMINAL FULL LOAD EFFICIENCY	90.2%
SUITABLE FOR USE WITH VARIABLE FREQUENCY DRIVE (2:1 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: