

SWECO VIBRO-EQUIPMENT / MOTOR PERFORMANCE DATA SHEET

PART NO. E02C48236N

HORSEPOWER	2,5	FULL LOAD AMPS	60HZ	3,6
SYNCHRONOUS SPEED RPM	1800		50HZ	n/a
VOLTAGE	60HZ	EFFICIENCY	FULL LOAD	75
	50HZ		3/4 LOAD	70
PHASE / FREQUENCY	0		1/2 LOAD	65
ENCLOSURE	TFN	POWER FACTOR	FULL LOAD	85
FRAME	213T		3/4 LOAD	81
NEMA DESIGN LETTER	B		1/2 LOAD	74
INSULATION CLASS	F	LOCKED ROTOR STALL TIME (SEC)		25
SERVICE FACTOR	1,00	BEARING TYPE		
MAX RISE IN 40 DEG C AMB.	80	TOP - SPHERICAL ROLLER		313
TIME RATING	CONT.	BOTTOM - SPHERICAL ROLLER		313
NEMA CODE LETTER	J	BEARING LUBRICATION		GREASE
LOCKED ROTOR KVA MAX.	17,8	MOUNTING		VERTICAL
LOCKED ROTOR CURRENT	27	TYPE DRIVE		DIRECT
FULL LOAD SPEED	1750	MOTOR TYPE		SQUIRL CAGE
FULL LOAD TORQUE (LB.-FT.)	9,1			
LOCKED ROTOR TORQUE (%)	220%	KLIXON (THERMOSTAT)		N/A
PULL UP TORQUE (%)	298%	UL CLASS		N/A
BREAKDOWN TORQUE (%)	278%	MOTOR WEIGHT (LBS.)		200

PERFORMANCE VALUES ARE @ 60HZ

NOTE: THIS IS A HIGHLY SPECIALIZED AND DESIGNED MOTOR FOR USE IN THE SWECO VIBRATORY EQUIPMENT. THERE IS NO SIMILIARITY BETWEEN THIS MOTOR AND A NEMA STANDARD MOTOR.