

**OKK VM 5III POWER REQUIREMENTS**

<u>MODEL</u>	<u>SPECS</u>	<u>CONTROL</u>	<u>KVA</u>	<u>AMPS @ 220</u>	<u>AMPS @ 480</u>
<b><u>VM 5II / VM5III</u></b>					
<b><u>40 TAPER</u></b>					
	<b>6/8/10 K RPM</b>	FANUC	40	105	48
		MITA	41	107	49
	<b>M S / 14 K RPM</b>	FANUC	53	139	64
		MITA	41	107	49
	<b>M S/ 20 K RPM</b>	FANUC	53	139	64
		MITA	51	134	61
<b><u>VM 5 II / VM5III</u></b>					
<b><u>50 TAPER</u></b>					
	<b>6/8/10 K RPM</b>	FANUC	41	107	49
		MITA	40	105	48
	<b>M S/ 13 K RPM</b>	FANUC	64	168	77
		MITA	63	165	76

**CLASS 3 GROUNDING LESS THAN 100 OHMS REQUIRED**

**OKK VM 4II, VM5III, VM 7III, VM900 OIL/AIR REQUIREMENTS**

**OIL REQUIREMENTS:**

<u>LUBE AREA</u>	<u>OIL TYPE</u>	<u>Quantity</u>
		<b><u>VM5III</u></b>
SPINDLE HEAD OIL/AIR MIST (10K RPM & HIGHER)	MOBIL DTE LIGHT	.5 GAL.
	MOBIL VELOCITE #6	13 GAL.
SPINDLE HEAD w/o BALLSCREW COOLING		
	MOBIL VELOCITE #3	13 GAL. (13-20k RPM)
SPINDLE HEAD w/ BALLSCREW COOLING		
BALLSCREW COOLING UNIT	MOBIL VELOCITE #3	
BALLSCREW COOLING UNIT	MOBIL VELOCITE #6	
WAYS	SHELL TONNA V68	1 GAL.
OIL FOR AIR	MOBIL DTE LIGHT	6 OZ.
COOLANT TANK		74 GAL.
***NOTE: VM7 AND VM5III MACHINES WITH BALLSCREW CORE COOLING WITH 13K, 14K AND 20K MS SPINDLES ONLY, USE MOBLE VELOCITE #3 IN PLACE OF #6 IN SPINDLE HEAD/BALLSCREW COOLER UNIT 13 GALLON		

**AIR REQUIREMENTS:**

UP TO 8K RPM MIN 8 CFM @ 70-100 PSI  
8K RPM AND ABOVE MIN 14 CFM @ 70-100 PSI

AIR FITTING SIZE: 5/8 DIA. MINIMUM ID