

VF-3SSYT

TRAVELS

	S.A.E.	METRIC
X Axis	40 "	1016 mm
Y Axis	26 "	660 mm
Z Axis	25 "	635 mm
Spindle Nose to Table (~ max)	29.5 "	749 mm
Spindle Nose to Table (~ min)	4.5 "	114 mm

TABLE

	S.A.E.	METRIC
Length	54 "	1372 mm
Width	25 "	635 mm
T-Slot Width	5/8 "	16 mm
T-Slot Center Distance	3.15 "	80.0 mm
Number of Std T-Slots	5	5
Max Weight on Table (evenly dist.)	1750 lb	794 kg

SPINDLE

	S.A.E.	METRIC
Max Rating	30 hp	22.4 kW
Max Speed	12000 rpm	12000 rpm
Max Torque	90 ft-lb @ 2000 rpm	122 Nm @ 2000 rpm
Drive System	Inline Direct-Drive	Inline Direct-Drive
Taper	CT or BT 40	CT or BT 40
Bearing Lubrication	Air/Oil Injection	Air/Oil Injection
Cooling	Liquid Cooled	Liquid Cooled

SPINDLE (OPT)

	S.A.E.	METRIC
Max Rating	30 hp	22.4 kW
Max Speed	15000 rpm	15000 rpm
Max Torque	90 ft-lb @ 2000 rpm	122 Nm @ 2000 rpm
Drive System	Inline Direct-Drive	Inline Direct-Drive
Taper	CT or BT 40	CT or BT 40

FEEDRATES

	S.A.E.	METRIC
Rapids on X	1400 in/min	35.6 m/min
Rapids on Y	1400 in/min	35.6 m/min
Rapids on Z	1400 in/min	35.6 m/min
Max Cutting	833 in/min	21.2 m/min

AXIS MOTORS

	S.A.E.	METRIC
Max Thrust X	3085 lb	13723 N
Max Thrust Y	3085 lb	13723 N
Max Thrust Z	3923 lb	17450 N

TOOL CHANGER

	S.A.E.	METRIC
Type	SMTc	SMTc
Capacity	24+1	24+1
Max Tool Diameter (full)	3.0 "	76 mm
Max Tool Weight	12 lb	5.4 kg
Tool-to-Tool (avg)	1.6 sec	1.6 sec
Chip-to-Chip (avg)	2.2 sec	2.2 sec

GENERAL

	S.A.E.	METRIC
Air Required	4 scfm, 100 psi	113 L/min, 6.9 bar
Coolant Capacity	55 gal	208 L