

technical protocol

Product name: Drill center

Model: V8F (BT40)



Supplier: Takasaki Intelligent Equipment (Lishui) Co., LTD

demanders :

V8F Technical Specifications

project		unit	specifications		
navar			FANUC Oi - MF Plus	Mitsubishi M80B	22MA New Generation
Spindle motor			Bii8/12000	SJ-DG9	S08-M11
X-axis motor			Bisc12/3000	HG204S-D48	AM18
Y-axis motor			Bisc12/3000	HG204S-D48	AM18
Z-axis motor			Bis22/3000 (band-type brake)	HG303BS-D48 (band-type brake)	AM28B
Spindle motor	Spindle motor	kw	Rated 7.5	9	11
	torsion	N.m	Rated torque 35.8NM	Rated 43N.m	Rated torque 35NM, maximum torque 52.5NM
staging	bed dimension	mm	1100*430		
	T-slot dimensions (slot width × number of slots × center spacing)	mm	18T*3*125		
	Maximum workbench load	kg	500		
route or distance of travel	X/Y/Z axis travel	mm	800*450*495		
	Distance from spindle end face to worktable	mm	150-645 (change point 540)		
	Distance from the spindle center to the column guide rail surface	mm	501		
principal axis	Spindle taper hole/diameter		BT40		
	main shaft speed	rpm	12000		
Feed rate	Fast movement (X/Y/Z axes)	mm/min	48/48/48		
Auto Tool Change System (optional)	Number of tools	T	20		
	Change blade method		Flip		
else	Machine weight	kg	Approx. 4230		

Note: The floor area is subject to the actual drawings

3、Main configuration details

name of a part		specifications	place of production	manufacturer
ball screw	X axle	standard configuration	Taiwan	PMI (Level: C3)
		40*16		
	Y axle	40*16		
	Z axle	40*16		
spherical guide	X axle	35*2	Taiwan	PMI (Level: P)
spherical guide	Y axle	45*2	Taiwan	PMI (Level: P)
roller guide	Z axle	45*2	Taiwan	PMI (Level: P)
principal axis		BT40-12000rpm	China	RIYE
tool magazine		BT40-20T Inverted	China	Deje
electrical apparatus element	Important components		France	Schneider
pneumatic component	Important components		Japan	SMC
extensible cover	Important components		joint venture	YIDE
chip conveyor	Back Sizing		China	Takasaki

4. Machine tool selection and configuration

Electrical cabinet air conditioner
Spindle oil cooler
Column height increased by 100mm (250-745)
Column height increased by 150mm (300-795)
Screw oil cooler

