

BJ series gap-bed lathes



Introduction: BJ series gap-bed lathes can perform internal and external turning, taper turning, end facing, and other rotary parts turning; Threading Inch, Metric, Module and D.P.; Perform drilling, boring and groove broaching; Machine all kinds of flat stocks and those in irregular shapes; Respectively with through-hole spindle bore, that can hold bar stocks in larger diameters; Both Inch and Metric system are used on these series lathes, it's easy for people from different measuring systems countries; There are hand brake and foot brake for users to choose; These series lathes operate on power supply of different voltages (220V、380V、420V) and different frequencies (50Hz、60Hz).

Specifications

ITEMS		UNIT	BJ1840D/B	BJ1860D/B
Capacity	Max. swing dia. over bed	mm	φ458	
	Max. swing dia. over toolpost	mm	φ288	
	Max. turning dia. over bed	mm	φ380	
	Max. swing dia. in gap	mm	φ640	
	Length in gap	mm	155	
	Max. distance between centers	mm	1000/1500	
	Max. machining length	mm	900/1400	
Spindle	Spindle bore diameter	mm	D/B : φ77	
	Taper of spindle bore		Morse No.6 D/B series : 1:20	
	Type of spindle nose		ISO 702/ II No.6 Cam-locking type D/B系列 : ISO 702/ II No.8 Cam-locking type	
	Spindle speed	r/min	D/B series : 12 steps 24-1600	
Feed and thread	Max. travel of upper toolpost	mm	120	
	Max. travel of lower toolpost	mm	230	
	Tool section	mm	25×25	
	X-axis feeding range	mm/r	40 kinds 0.015-0.45	
	Z-axis feeding range	mm/r	40 kinds 0.03-0.90	
	Metric threads	mm	53 kinds 0.4-14	
	Inch threads	t.p.i	40 kinds 2-56	
	Module threads	πmm	44 kinds 0.4-7	
	Diametric pitch threads	t.p.i.π	32 kinds 4-56	
Tailstock	Diameter of quill	mm	φ55	
	Max. travel of quill	mm	120	
	Taper of quill (Morse)		Morse No.4	
Motor	Main motor power	kW	4	
	Cooling pump motor power	kW	0.09	
Others	Length	mm	2250	2750
	Width	mm	980	
	Height	mm	1210	
	Weight	kg	1750	2000