



DL B series (Box guide way)

High accuracy and powerful turning center equipped with box guideways.

[] : option

SPECIFICATIONS		UNIT	DL 22A	DL 22LA	DL 22LMA	DL 22B	DL 22LB	DL 22LMB	DL 22LMS
Swing over Bed(Max. swing dia.)		mm	550	550	550	550	550	550	550
Swing over Cross slide		mm	360	360	360	360	360	360	360
Max. Turning Dia.		mm	350	350	280	350	350	280	280
Max. Turning Length		mm	410	540	500	380	530	490	500
Bar Capacity(Main/Sub)		mm	65 / -	65 / -	65 / -	76 / -	76 / -	76 / -	64 / Built-in : 28
Max. Spindle Speed(Main/Sub)		rpm	4,000 /-	4,000 /-	4,000 /-	3,500 /-	3,500 /-	3,500 /-	4,000/6,000
Spindle Nose(Main/Sub)		-	A2-6 /-	A2-6 /-	A2-6 /-	A2-8 /-	A2-8 /-	A2-8 /-	A2-6/A2-5 Mill
Spindle Bore diameter(Main/Sub)		mm	76 /-	76 /-	76 /-	86 /-	86 /-	86 /-	76 / Built-in : 40
Standard Chuck Size(Main/Sub)		inch	8" BIG /-	8" BIG /-	8" BIG /-	10" /-	10" /-	10" /-	8" / 6"
Main Spindle Motor(Cont./30min)	Main	kw	11/15	11/15	11/15	11/15[15/18.5]	11/15[15/18.5]	11/15[15/18.5]	11/15
	Sub	kw	-	-	-	-	-	-	5.5/7.5
Mill Spindle Motor(Cont./30min)		kw	-	-	2.2/3.7	-	-	2.2/3.7	2.2/3.7
X/Z/B axis travel		mm	210/430/-	210/580/-	200/550/-	210/430/-	210/580/-	200/550/-	190/550/580
Guideway Type	X/Z	-	BOX Guide	BOX Guide	BOX Guide	BOX Guide	BOX Guide	BOX Guide	BOX Guide
	B	-	-	-	-	-	-	-	BOX Guide
X/Z/B axis rapid traverse rate		m/min	24/24/-	24/24/-	24/24/-	24/24/-	24/24/-	24/24/-	24/24/24
Turret Index Type		-	Servo, BMT	Servo, BMT	Servo, BMT55	Servo, BMT	Servo, BMT	Servo, BMT55	Servo, BMT55
Max. No. of Tools		ea	12	12	12	12	12	12	12
Turning tool shank size		mm	25	25	25	25	25	25	25
Boring bar diameter		mm	40	40	40	40	40	40	40
Turret Indexing Time (One station)		sec	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Tailstock Quill diameter		mm	80	80	80	80	80	80	-
Tailstock Quill Taper		MT	MT#4	MT#4	MT#4	MT#4	MT#4	MT#4	-
Machine Weight		kgf	3,950	4,400	4,450	4,000	4,450	4,500	4,500
Floor Space	Height	mm	1,900	1,900	1,900	1,900	1,900	1,900	2,050
	Length	mm	2,660	2,960	2,960	2,660	2,960	2,960	3,320
	Width	mm	1,650	1,650	1,650	1,650	1,650	1,650	1,600
Power Capacity		kVA	27	27	32	27	27	32	42
Controller			F0i-TF	F0i-TF	F0i-TF	F0i-TF	F0i-TF	F0i-TF	F0i-TF