



Z

SERIES RADIAL DRILLING MACHINE

Specifications

Item	Unit	Z3040×12/1	Z3040×16/1	Z3050×12/1	Z3050×16/1	Z3063×20/1	Z3080×25	Z30100×31	Z30125×40	Z3140A	Z3150
Max. Drilling diameter	mm	∅40	∅40	∅50	∅50	∅63	∅80	∅100	∅125	∅40	∅50
Distance between spindle axis and column	Max.	mm	1250	1600	1250	1600	2000	2500	3150	4000	1600
	Mini.	mm	350	350	350	350	450	500	570	600	850
Distance between spindle nose and working surface of machine base	Max.	mm	1250	1250	1220	1220	1600	2000	2500	2500	—
	Mini.	mm	350	350	320	320	400	550	750	750	—
Spindle travel	mm	315	315	315	315	400	450	500	560	315	315
Spindle taper	—	Morse 4#	Morse 4#	Morse 5#	Morse 5#	Morse 5#	Morse 6#	Morse 6#	Metric 80	Morse 4#	Morse 5#
Speed range of spindle	r/min	25-2000	25-2000	25-2000	25-2000	20-1600	16-1250	8-1000	6.3-800	16-1250	16-1250
Steps of spindle speed	step	16	16	16	16	16	16	22	22	16	16
Feed range of spindle	mm	0.04-3.2	0.04-3.2	0.04-3.2	0.04-3.2	0.04-3.2	0.04-3.2	0.06-3.2	0.06-3.2	0.06-1	0.06-1
Steps of spindle feed	step	16	16	16	16	16	16	16	16	9	9
Worktable dimension	mm	630×500×500	630×500×500	630×500×500	630×500×500	800×630×500	1000×800×560	1250×800×630	1250×800×630	—	—
Cross transverse of headstock (cross arm)	mm	900	1250	900	1250	1550	2000	2580	3400	750	750
Max. Torque of spindle	Nm	400	400	500	500	980	1568	2450	3136	392	490
Main motor power	KW	3	3	4	4	5.5	7.5	15	18.5	3	4
Lifting distance of swing arm	mm	580	580	580	580	800	1000	1250	1250	900	900
Machine weight	kg	3000	3500	3000	3500	7000	11000	20000	28500	4500	4500
Overall dimension of the machine (length × width × height)	mm	2150×1070×2840	2500×1070×2840	2150×1070×2840	2500×1070×2840	3080×1250×3205	3730×1400×3795	4660×1630×4525	5660×2151×4950	3058×1240×2620	3058×1240×2620

Specifications

Item	Unit	Z3340	Z3350	Z3363	Z33100×40	Z33125×40A	Z3540	Z3550
Max. Drilling diameter	mm	∅40	∅50	∅63	∅100	∅125	∅40	∅50
Distance between spindle axis and column	Max.	mm	1600	1600	2000	3150	4000	1600
	Mini.	mm	350	350	450	570	600	850
Spindle travel	mm	315	315	400	500	560	315	315
Spindle taper	—	Morse 4#	Morse 5#	Morse 5#	Morse 6#	公制80	Morse 4#	Morse 5#
Speed range of spindle	r/min	25-2000	25-2000	20-1600	8-1000	6.3-800	16-1250	16-1250
Steps of spindle speed	step	16	16	16	22	22	16	16
Feed range of spindle	mm	0.04-3.2	0.04-3.2	0.04-3.2	0.06-3.2	0.06-3.2	0.06-1	0.06-1
Steps of spindle feed	step	16	16	16	16	16	9	9
Worktable dimension	mm	1250	1250	1550	2580	3400	750	750
Cross transverse of headstock (cross arm)	Nm	400	500	980	2450	3136	392	490
Max. Torque of spindle	KW	3	4	5.5	15	18.5	3	4
Main motor power	mm	580	580	800	1250	1250	900	900
Lifting distance of swing arm	mm	2000	2000	4000	4000	4000	2000	2000
Machine weight	kg	6000	6000	17400	22000	42000	7200	7200
Overall dimension of the machine (length × width × height)	mm	4400×1150×2900	4400×1150×2900	7300×1450×3655	7300×1540×4855	7900×2200×5625	4350×1710×3020	4350×1710×3020

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The explanation, diagram and technical parameter are varying with continuous technology development without further notice. (20160329-FT16-0058-SMTCL-I&E-D-2016-V3.1)

