

NEWLY-DEVELOPED PRODUCT

Hakken

SP-303Mx series

Maximum
355
mm

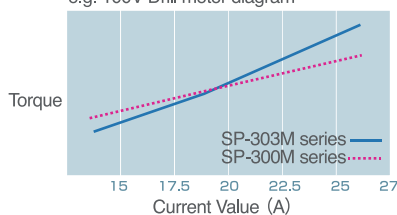
Speedy Drilling for Reinforced-Concrete

- Drilling for Reinforced-Concrete such as air-conditioning, telephone, electricity and gas supplies.
- Drilling for pilot hole of Resin Anchor, Guard Rail Post and Fence Post.
- Collecting the test pieces from the concrete or the asphalt.
- Specialization drilling for Stones, Firebrick, Extraction-Molded-Cement Plate, and Ceramics.

Newly-developed MADE IN JAPAN motor

Achieved high torque around rated current in actual use range comparing to previous model.

e.g. 100V Drill motor diagram



Improved electrical safety by adopting the double insulation structure and attached earth terminal cord.

Automatic Feeding System ☐ 59 Drill Carriage Assy.

Selling without Drill Carriage Assy.



Combined with ☐ 59 Clamp Assy, CL-593E or CL-592EC, automatic feeding system can be used.



Two types of carriage available. Roller Slide Type : CL-593 & CL-593E.
Slide Plate Type : CL-592C and CL-592EC.



SP-302M series needs ☐ 59 Drill Carriage Assy.



Drill Motor SP-303Mx series (Not included Drill Carriage Assy.)

[SPECIFICATION]

Model Name	SPM-303U2i	SP-303Mx-U	SP-303Mx
Power Source	230V		
Rated Current	8.7A		
Maximum Output	2400W		
No-load speed	370/880min ⁻¹		
Maximum bit diameter	355mm (14") (Not using water collector)		
Spindle thread	G1/2" + 1-1/4" UNC		A-rod
Size	W	148mm	
	L	179mm	
	H	452mm	446mm
Power Source Cord	2.4m	5m	
Weight	11.2kg	10.7kg	10.4kg
Safety Certification	CE		—

[STANDARD ACCESSORY]

- Instruction Manual

[APPLICABLE POLE BASE (Sell separately)]

Model Name	SB-594-1000	SB-594-1035
Maximum travel	625mm	625mm
Weight	12.7kg	13.4kg

*SB-594-1035 can be used as Swiveling Pole base attached with Swiveling Sub Pole RP-591.

[APPLICABLE DRILL CARRIAGE ASSY. (Sell separately)]

Model Name	CL-593	CL-593E
Applicable Pole Base	<input type="checkbox"/> 59	<input type="checkbox"/> 59
Automatic Feeding System	Not possible	Possible
Weight	5.2kg	5.6kg

*Standard Accessories : 「Attachment Bolt for Drill Motor」 「Single-ended wrench 13mm」 「Parallel Key 10×8×115mm」 「Hex.bar wrench 4mm」

[OPTIONS]

Three Separated Core Bit



Three separated core bit : Bit, Tube and Coupling.

(Standard Core Bit Size)

Bit Name		Outer diameter / Inner diameter	Available Length				Total length	
			Bit	Tube	Coupling	Drilling depth		
1"	28mm	28.1×19.1mm	30mm	280 (330) mm	0mm	310 (360) mm	410 (460) mm	
1 1/4"	33mm	33.7×24.7mm	35mm			315 (365) mm	415 (465) mm	
1 1/2"	41mm	41.1×32.1mm				305 (355) mm	405 (455) mm	
2"	53mm	53.2×44.2mm				345 (395) mm		
2 1/2"	65mm	64.8×55.8mm	40mm	270 (320) mm	40mm	350 (400) mm	410 (460) mm	
3"	77mm	77.6×68.6mm				70mm	380 (430) mm	440 (490) mm
3 1/2"	90mm	90.1×81.1mm	90mm				40mm	400 (450) mm
4"	110mm	110.4×100.4mm						
5"	128mm	128.4×118.4mm						
6"	160mm	160.4×150.4mm						
7"	180mm	180.4×170.4mm		270mm	400mm	460mm		
8"	205mm	205.4×193.4mm						
9"	230mm	230.4×218.4mm						
10"	254mm	254.4×242.4mm						
12"	305mm	305.4×293.4mm						
14"	355mm	355.4×343.4mm						

*Segment height is not included in drilling depth and total length.

Thin One Body Core Bit (Body thickness: 1.5mm)

This is one body type and thinner than three separated type.
(Reference: SV Super dimension)



Bit Name	Outer diameter / Inner diameter	Drilling depth	Total length
27	27.2×20.8mm	350mm / 420mm	423mm / 493mm
32	32.2×25.8mm		413mm / 483mm
40	40.2×33.8mm		
52	52.2×45.8mm		407mm / 477mm
56	56.2×49.8mm	350mm	407mm
65	65.2×58.8mm	350mm / 420mm	407mm / 477mm
70	70.2×63.8mm	350mm	407mm
75	75.2×68.8mm	350mm / 420mm	407mm / 477mm
80	80.2×73.8mm		
90	90.2×83.8mm		
100	100.2×93.8mm		
106	106.3×99.9mm	350mm	407mm
110	110.2×103.8mm	350mm / 420mm	407mm / 477mm
120	120.2×113.8mm	350mm	407mm
130	130.2×123.8mm	350mm / 420mm	407mm / 477mm
150	150.6×143.4mm	350mm	407mm
160	160.6×153.4mm	350mm / 420mm	407mm / 477mm
180	180.6×173.4mm		
200	200.6×193.4mm		
204	204.6×197.4mm		
210	210.6×203.4mm	350mm	407mm
230	230.6×223.4mm		
250	250.6×243.4mm		
254	254.6×247.4mm		
260	260.6×253.4mm	350mm / 420mm	407mm / 477mm
304	304.1×296.9mm	350mm	407mm
310	310.6×303.4mm	350mm / 420mm	407mm / 477mm
355	355.6×348.4mm	350mm	407mm

*Segment height is not included in drilling depth and total length.

<input type="checkbox"/> 59 Swiveling Pole Base	<input type="checkbox"/> 59 Angle Adjustable Base	Transformer	Water Tank	Vacuum Pump / Vacuum Pad	Water Collector
Water Collector Fitting	Extension Rod	Reducer	Core Extracting Wire	Tube Wrench / Handle	



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