

NEWLY-DEVELOPED PRODUCT

Hakken

SPM-302 series

Maximum
355
mm

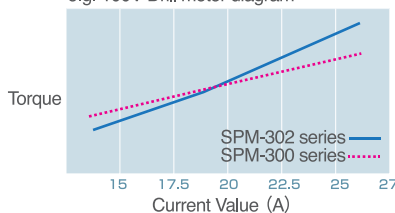
Speedy Drilling for Reinforced-Concrete

- 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.

SPM-302 series needs 59 Drill Carriage Assy.



Drill Motor SPM-302 series (Not included Drill Carriage Assy.)

[SPECIFICATION]

Model Name	SPM-302U2i	SPM-302U2w	SPM-302U2e
Power Source	230V	115V	110V
Rated Current	8.7A	20A	18.2A
Maximum Output	2400W		
No-load speed (LOW/HI)	370/880min ⁻¹	340/800min ⁻¹	390/920min ⁻¹
Maximum bit diameter	355mm (14") (Not using water collector)		
Spindle thread	G1/2"+ 1-1/4"-7UNC		
Size	W	148mm	
	L	179mm	
	H	452mm	
Power Source Cord	2.4m	5m	2.4m
Weight	11.2kg	10.6kg	10.5kg
Safety Certification	CE	—	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	□59	□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			
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	350 (400) mm	410 (460) mm	
3"	77mm	77.6×68.6mm				410 (460) mm	
3 1/2"	90mm	90.1×81.1mm				440 (490) mm	
4"	110mm	110.4×100.4mm	70mm	270 (320) mm	40mm	440 (490) mm	
5"	128mm	128.4×118.4mm				460 (510) mm	
6"	160mm	160.4×150.4mm					
7"	180mm	180.4×170.4mm	90mm	270mm	400 (450) mm	460 (510) mm	
8"	205mm	205.4×193.4mm					
9"	230mm	230.4×218.4mm					
10"	254mm	254.4×242.4mm	90mm	270mm	400mm	460mm	
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		407mm / 477mm
52	52.2×45.8mm		407mm
56	56.2×49.8mm	350mm	407mm
65	65.2×58.8mm	350mm / 420mm	407mm / 477mm
70	70.2×63.8mm		407mm
75	75.2×68.8mm	350mm / 420mm	407mm / 477mm
80	80.2×73.8mm		407mm / 477mm
90	90.2×83.8mm		407mm
100	100.2×93.8mm		407mm
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		407mm
200	200.6×193.4mm		407mm / 477mm
204	204.6×197.4mm		407mm
210	210.6×203.4mm	350mm / 420mm	407mm / 477mm
230	230.6×223.4mm		407mm
250	250.6×243.4mm		407mm
254	254.6×247.4mm	350mm	407mm
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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