

CORE DRILL



Fig. 1



Fig. 2

Delivery scope				
Fig.	Designation	DS 164 Art. No. 5709 113 0	DS 300 Art. No. 5709 114 0	P. Qty.
1	DS 164 Core Drill with PRCD-S safety switch	5709 113 X	-	1
2	DS 300 Core Drill with PRCD-S safety switch	-	5709 114 X	1
3	Hose section with water-flow indicator (200 mm long)	5709 141 001		1
4	Quick-change carriage with dovetail guide (on DS 164, carriage is integrated at gear unit housing)	-	5809 300 300	1
5	Adapter 1 1/4" OT -> 1/2" IT	-	5462 000 002	1
-	Open-Ended Wrench, 22 mm	0707 409 057		1
-	Open-Ended Wrench, 38 mm	5809 130 113		1
-	Open-Ended Wrench, 46 mm	5809 130 114		1

Technical data		
Type	DS 164	DS 300
Voltage	230 V/50 - 60 Hz	
Protection class	Ⓜ	
IP code	IP 54	
Power consumption	2,000 W	2,400 W
Idling speed		
1st speed	620 rpm	450 rpm
2nd speed	1,400 rpm	900 rpm
3rd speed	3,500 rpm	1,600 rpm
Drilling dia. range, wet		
1st speed	101 - 164 mm	120 - 300 mm
2nd speed	41 - 101 mm	60 - 150 mm
3rd speed	14 - 41 mm	25 - 80 mm
Drilling dia.	14 - 164 mm	25 - 300 mm
Tool mount (IT = inside thread, OT = outside thread)	1/2" IT - 1 1/4" OT	* 1 1/4" OT
Dimensions (L x W x H)	590 x 200 x 220 mm	600 x 270 x 220 mm
Weight	12.9 kg.**	12.0 kg***

* 1/2" IT via Adapter Art. No. 5462 000 002 included in scope of delivery

Incl. integrated carriage *No carriage

Diamond core drill for stand-guided wet drilling in concrete, reinforced concrete and masonry.

DS 164

Art. No. 5709 113 0

DS 300

Art. No. 5709 114 0

Rugged motor housing with user-friendly safety and carrying handle made of stainless steel.

Machine is well protected and easy to transport.

Strong motor with three-speed gear unit and optical LED load indicator.

Fast drilling progress and ideal adaptation options in both speed and the advancing force at the drill diameter.

Electronic motor overload protection (EMOP).

In case of an overload, the speed of the motor is reduced electronically six times to warn the operator. After the sixth overload, the machine switches off automatically to protect the motor. In contrast to thermal protection, however, the machine can be switched on again immediately.

The machine spindle of the DS 164 has a combined tool mount with a 1/2" inside thread and a 1 1/4" outside thread (also DS 300 in conjunction with Adapter Art. No. 5462 000 002).

Common standard thread for smaller and larger core bit diameters.

Hose section with water-flow indicator included.

Continuous visual indication of the water supply when wet drilling.

Integrated PRCD-S safety switch.

Safety during wet drilling. No additional leakage-current box required.

3-year warranty.

During this period, any manufacturing or material defects will be repaired free of charge.

Available in the fleet management system ORSY®fleet.