

## HC 109

### Hydraulic Drifter



- Ready for surface and underground drilling
- Suitable for both factory new and existing machines

#### **Multiple configurations**

- Piston design can be adapted to ground typology and/or hydraulic oil supply
- Choice from a wide selection of front head material and shapes
- Wide rotation torque and rpm setup range
- Mechanical or hydraulic reverse percussion

#### **Wide range of applications**

- From long holes in quarries to underground face drilling
- From soft to hard rock drilling
- Stainless steel front head available for corrosive environments

#### **Trouble-free**

- Strong reputation for high reliability and long lifespan
- 35 years of continuous research, development and improvements

### Weight and dimensions

Weight	170 kg
Overall length without shank	1,072 - 1,270 mm
Overall length with shank	1,274 - 1,420 mm
Overall width	320 mm
Height	200 mm
Height above shank axis	78 mm

### Impact rating

Maximum output	17 - 19 kW
Input range	20 - 32 kW
Percussion flow range (max)	120 - 135 l/min
Percussion pressure range (max)	135 - 155 bar
Maximum impact frequency (max)	2,200 - 3,500 bpm
Maximum impact energy (max)	300 - 350 J

Other versions are available; please contact the drilling technical support team for more information.

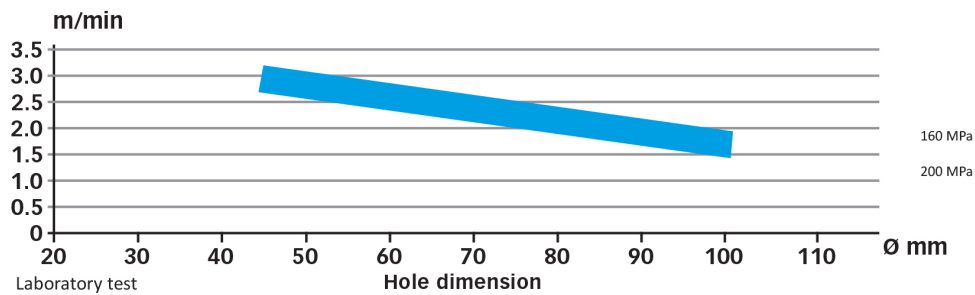
### Rotation specs

	31cc	43cc	55cc	67cc
Maximum rotation speed (RPM)	225	220	175	145
Oil flow (l/min)	45	60	60	60
Maximum pressure (bar)	140	140	140	140
Maximum torque (Nm)	430	580	730	880

### Flushing flow and pressure

Water flushing	100 l/min
Front end lubricating air consumption at 3bar	300 l/min

### Penetration rate



### Shank adapters

	CPN
D38 R38 M	86618626
D38 T38 M	86619350
D45 R38 M	86670411
D45 T38 M	86668522
D45 R38 M	86658747
D45 T38 M	86619376
D45 T45 M	86619392
D45 T38 M	86638095
D45 T45 M	86638103

### Overhaul kits

Seal kit	CPN depending on configuration
400 impact hours kit	CPN depending on configuration
800 impact hours kit	CPN depending on configuration
1,600 impact hours kit	CPN depending on configuration
3,200 impact hours kit	CPN depending on configuration