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Doofor DF538 –hydraulic rock drill

Description

Doofor DF528 is a high frequency hydraulic rock drill for bolting, general excavations and tunnelling. Suitable drill steels are 32mm (1 ¼") extension- and drifter steels. The rock drill is equipped with a separate side flushing box. Flushing can be done with air or with water.

- Doofor DF538 LONGHOLE is a rock drill suitable for long hole drilling. It has two rotation motors.
- Doofor DF538 –rock drill standard version has one rotation motor.

Doofor DF538 is suitable for drilling 51mm [2"] (maximum 57mm [2 ¼"]) holes.

The rock drill is equipped with a R32 –shank adapter (striker bar).

Technical data

	STD Metric	STD US cust.	LONGHOLE Metric	LONGHOLE US cust.
Percussion power	16kW	21.4hp		
Percussion oil flow	100—120l/min	26—32gpm		
pressure	140—150bar	2031—2176psi		
Rotation torque*	215Nm	159lb-ft	430Nm	317lb-ft
speed	120—200 RPM		120—200 RPM	
oil flow*	15—25l/min	4.0—6.6gpm	30—50l/min	7.9—13.2gpm
Shank lubrication air flow		200—300l/min	53—79gpm	
Flushing pressure, air	5—7bar	73—102psi		
Flushing air flow	1000—2000l/min	264—528gpm		
Flushing water	25—30l/min	6.6—7.9gpm		
Weight	77kg	154lb	80kg	176lb

*) Numbers given are for standard rotation motor (40cm³) at a peak pressure of 140bar. DF538 LONGHOLE –version has two rotation motors. Motor options are 12.5cm³, 20 cm³, 32cm³, 40cm³ ja 50cm³.



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