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Doofor DF522 –hydraulic rock drill

Description

Doofor DF522 is a high frequency rock drill for general excavations and quarrying. The rock drill is equipped with a hexagonal female chuck for rod shank sizes of 108mm [1 1/4"] * 22mm [7/8"] or 25mm [1"].

A hydraulic steel retainer lock cylinder is available from the manufacturer.

Doofor DF522 rock drill is suitable for drilling holes of diameter 41mm [1 5/8"] (maximum 45mm [1 3/4"]).

Doofor DF522 can be used with air flushing.

- DF522-A is for drilling hard rock.
- DF522-C is for drilling softer rock.

Technical data

		<u>DF522-A</u>		<u>DF522-C</u>	
		Metric	US cust.	Metric	US cust.
Piston type					
Percussion power		10kW	13.4hp	10kW	13.4hp
Percussion	oil flow	55—80 litres/min	15—21gpm	55—80 litres/min	15—21gpm
	pressure	100—130bar	1450—1885psi	100—130bar	1450—1885psi
Rotation	torque*	110Nm	81lb-ft	110Nm	81lb-ft
	speed	150—300 RPM	150—300 RPM	150—300 RPM	150—300 RPM
	oil flow*	10—19 litres/min	2.6—5.0gpm	10—19 litres/min	2.6—5.0gpm
Shank lubrication air flow		200—300 litres/min	53—79gpm	200—300 litres/min	53—79gpm
Flushing air pressure		5—7bar	73—102psi	5—7bar	73—102psi
Flushing air flow		700—1000 litres/min	185—264gpm	700—1200 litres/min	185—264gpm
Weight		55kg	121lb	55kg	121lb

*) Numbers given are for a standard rotation motor (20cm³) at a peak pressure of 140bar [2031psi]. Motor options are 12.5cm³, 20 cm³, 32cm³, 40cm³ and 50cm³.



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