

Doofor DF500S hydraulic rock drill

Description

Doofor DF500S is a high frequency hydraulic rock drill for bolting, general excavations and tunnelling. Suitable drill steels are 28mm (1 1/8") and 32mm (1 1/4") extension- and drifter steels. The rock drill is equipped with a separate side flushing box. Flushing can be done with water or with air.

Doofor DF500S is suitable for drilling up to 45mm [1 3/4"] holes.

The rock drill is equipped with a R28 or a R32 –male shank adapter (striker bar).

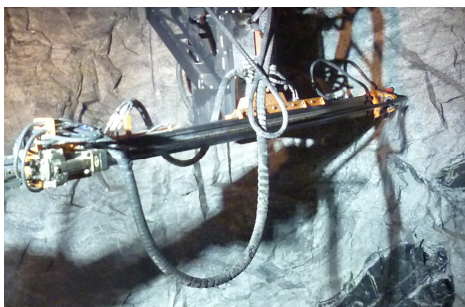


Technical data

	Metric	US cust.
Percussion power	10kW	13.4hp
Percussion pressure (oil flow)	100—130bar	1450—1885psi
	55—80 liters/min	15—21gpm
Rotation torque* speed oil flow*	175Nm	129lb-ft
	150—250 RPM	150—250 RPM
	15—25 litres/min	4.0—6.6gpm
Shank lubrication air flow	200—300 litres/min	53—79gpm
Flushing water flow	25—30 litres /min	6.6—7.9gpm
Flushing air pressure	5—7bar	73—102psi
Flushing air flow	700—1200 litres/min	185—264gpm
Weight	77kg	170lb

Feed force (pressure) must be adjustable during operation.

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



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