



Doofor Oy
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Doofor DF545 –hydraulic rock drill

Description

Doofor DF545 is a high frequency hydraulic rock drill for general excavations, underground production drilling and pilot hole drilling in quarries. The DF545 can be used with 38mm [1 ½"] steels. The rock drill has a separate flushing box. Flushing can be done with air or water.

Doofor DF545 is ideal for drilling up to 64mm [2 ½"] (maximum 70mm [2 ¾"]) holes.

The rock drill can be equipped with shank adapters (striker bars) R32, R38, T38 and T45.

Technical data

	Metric	US cust.
Percussion power	22kw	29.5hp
Percussion oil flow	110—140 litres/min	29—40gpm
pressure	140—180bar	2031—2611psi
Rotation torque*	1040Nm	767lb-ft
speed	100—200 RPM	
oil flow*	35—70 litres/min	9.2—18.4gpm
Shank lubrication air flow	200—300 litres/min	53—79gpm
Flushing air pressure	5—7bar	73—102psi
Flushing air flow	4000 litres/min	1057gpm
Flushing water flow	150 litres/min	40gpm
Weight	152kg	335lb

*) Numbers given are for standard rotation motor (160cm³) at a peak pressure of 210bar [3046PSI].
Motor options are 80cm³, 100cm³, 125cm³, 160cm³, 200cm³ and 250cm³.



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