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Doofor DF751 –hydraulic rock drill

Description

Doofor DF751 is a hydraulic rock drill for general excavations and underground production drilling. The Doofor DF751 is equipped with a separate side flushing box and a back hammer, that enables directing the blow energy upwards to remove stuck drill steels from the rock.

Drill hole flushing can be done with air or with water. The required air- or water flow depends on the diameter of the hole.

Doofor DF751 –rock drill can be used with 51mm [2"] drill steels.

Equivalent hole size is 102mm [4"] (maximum 127mm [5"]).

The rock drill can be equipped with a T51 –shank adapter.

Technical details

	Metric	US cust.
Percussion power	30kW	40.2hp
Percussion oil flow	130—170 litres/min	34.3—44.9gpm
pressure	140—180bar	2031—2611psi
Rotation torque*	1200 (max. 1440**)	885lb-ft (max. 1062lb-ft)
speed	80—180 RPM	80—180 RPM
oil flow*	45—100 litres/min	11.9—26.4
Shank lubrication air	200—300 litres/min	52.8—79.3gpm
Flushing air pressure	5—8bar	73—116
Flushing air flow	6000 litres/min	1585gpm
Flushing water	200 litres/min	53gpm
Weight	230kg	507lb

*) Numbers given are for standard rotation motor (250cm³) at a peak pressure of 155bar [2249psi]. Motor options are 80cm³, 100cm³ ja 125cm³, 160cm³, 200cm³, 250cm³ and 315cm³.

**) Rotation torque 1440Nm is available with a 315cm³ -motor at a pressure of 140bar [2031psi].



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