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Doofor DF645 –hydraulic rock drill

Description

Doofor DF645 is a hydraulic rock drill for general excavations and underground production drilling. The Doofor DF645 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 DF645 –rock drill can be used with 38mm [1 ½"] or 45mm [1 ¾"] drill steels.

Equivalent hole size is 76mm [3"] (maximum 89mm [3 ½"]).

The rock drill can be equipped with a T38 or T45 –shank adapter.

Technical data

	Metric	US cust.
Percussion power	26kW	34.9hp
Percussion oil flow	120—150 litres/min	32—40gpm
pressure	140—180bar	2031—2611psi
Rotation torque*	1100Nm	811lb-ft
speed	90—180 RPM	90—180 RPM
oil flow*	40—82 litres/min	10.6—21.7gpm
Shank lubrication air	200—300 litres/min	53—79gpm
Flushing pressure, air	5—8bar	73—116psi
Flushing air flow	6000 litres/min	1585gpm
Flusing water flow	200 litres/min	52.8gpm
Weight	230kg	507lb

*) Numbers given are for standard rotation motor (200cm³) at a peak pressure of 175bar [2466psi]
Motor options are 80cm³, 100cm³ ja 125cm³, 160cm³, 200cm³, 250cm³ and 315cm³.



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