



Doofor Oy
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Doofor DF410 and DF420 hydraulic rock drills

Description

Doofor DF410 and the Doofor DF420 are high frequency rock drills are made for general excavations, quarrying and bolting with hexagonal shank rods with a shank size of 108mm (4 1/2") * 19mm (3/4"), 22mm (7/8") or 25mm (1"). The DF410 and DF420 hydraulic rock drills are through flushing drills and flushing media can be air or water.

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

DF410 is a hydraulic rock drill to drill diameter 32mm [1 1/4"] (maximum 35mm [1 3/8"]) holes.

DF420 is a hydraulic rock drill to drill diameter 36mm [1 7/16"] (maximum 41mm [1 5/8"]) holes.

Technical data

		DF410		DF420	
		Metric	US cust.	Metric	US cust.
Percussion power		5kw	6.71hp	7kw	9.4hp
Percussion	oil flow pressure	30—40litres/min 130bar	8—11gpm 1885psi	40—60 130bar	11—16gpm 1885psi
Rotation	motor* speed torque* oil flow*	12.5cm ³ 150—300 rpm 65Nm 6—12litres/min	7.63in ³ 48lb-ft 1.6—3.2gpm	20.0cm ³ 200—300 rpm 100Nm 10—15litres/min	12.20in ³ 74lb-ft 2.6—4.0gpm
Shank lubrication air		300—400 litres/min	79—106gpm	300—400 litres/min	79—106gpm
Flushing air pressure		5—8bar	73—116psi	5—8bar	73—116psi
Flushing air flow		700—1000 litres/min	185—264gpm	700—1200 litres/min	185—317gpm
Flushing water flow		15—20 litres/min	4.0—5.3gpm	15—30 litres/min	4.0—7.9gpm
Weight		41kg	90lb	41kg	90lb

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



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Doofor DF400 –series hydraulic rock drills

