DOOFOR DF530L
HIGH-PERFORMANCE HYDRAULIC ROCK DRILLS

The DF530L provides extra torque with two rotation motors and male shank adapters. DF530L is a high-performance rock drill offering high rotation speed capacity for general excavations, mining, and quarrying projects.

The Doofor DF530L can be used with a Doofor original drill feed system component kit.



CIVIL ENGINEERING, SURFACE AND UNDERGROUND

TECHNICAL SPECIFICATIONS

DOOFOR DF530L DRIFTERS

NOMINAL POWER CLASS		10 kW	13.4 hp
DRILL HOLE SIZE [4]		45 mm	1 3/4"
PERCUSSION FLOW		45–55 l/min	11.9–14.5 gpm
PERCUSSION PRESSURE		100–130 bar	1450–1885 psi
LUBRICATION	Air-oil mist	125–200 g/h	4.9–7.8 fl oz/h (1.4–2.3 dl/h)
LUBRICATION PRESSURE		4–7 bar	58–101 psi
LUBRICATION AIR FLOW		200–300 l/min	53–79 gpm
FLUSHING AIR PRESSURE [3]		5–12 bar	73–174 psi
FLUSHING AIR FLOW [3]		700–1200 l/min	185–317 gpm
FLUSHING WATER PRESSURE [3]		5–12 bar	73–174 psi
FLUSHING WATER FLOW [3]		25–40 l/min	6.6–10.6 gpm
RECOMMENDED MAXIMUM FEED FORCE		6 kN	1348 lbf
SHANK SIZE		Male R28, R32 (R38, T38 in HD model)	
WEIGHT		83 kg	[183 lb]
ROTATION MOTOR MAXIMUM FLOW [1]	2x 20cc	50 l/min	[13.2 gpm]
	2x 32cc	50 l/min	[13.2 gpm]
	2x 40cc	50 l/min	[13.2 gpm]
	2x 50cc	50 l/min	[13.2 gpm]
ROTATION TORQUE [1]	2x 20cc	181 Nm	[131 lb·ft]
	2x 32cc	295 Nm	[218 lb·ft]
	2x 40cc	363 Nm	[268 lb·ft]
	2x 50cc	456 Nm	[336 lb·ft]
ROTATION SPEED MAXIMUM [2]	2x 20cc	300 rpm	
	2x 32cc	240 rpm	
	2x 40cc	190 rpm	
	2x 50cc	154 rpm	
ROTATION PRESSURE MAXIMUM		140 bar	2031 psi

1) Intermittent value.

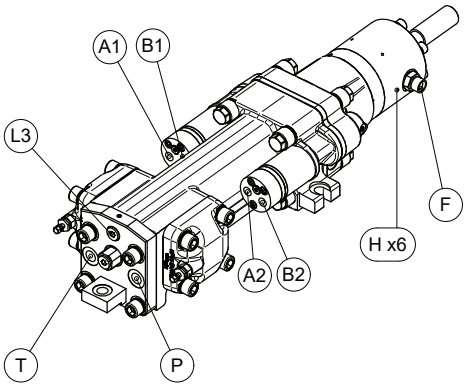
2) Continuous value. Maximum recommended speed 300 rpm.

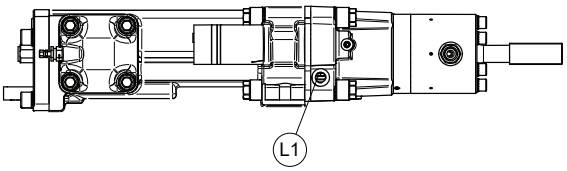
3) Actual values vary according to drilling conditions and equipment.

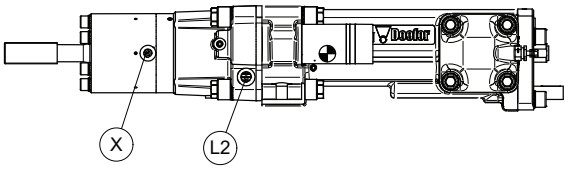
4) Maximum drill hole size in normal drilling applications.

DIMENSIONS











A1 & A2) G3/8 Rotation A - connected together with a T-adapter.

B1 & B2) G3/8 Rotation B - connected together with a T-adapter.

F1) G1/2 Flushing.

H) Flushing seal leak indicator hole.

L1) G1/4 Pressurised air-oil mist lubrication.

L2) G1/4 Plug, alternative to L1

L3) Plug.

P) G1/2 Percussion pressure.

T) G1/2 Percussion return to tank.

X) G1/4 Lubrication exit.

