DF560L **HIGH-PERFORMANCE HYDRAULIC ROCK DRILL**



SURFACE AND UNDERGROUND

Doofor DF560L is a next generation hydraulic rock drill designed to ensure high-drilling capacity and optimal drill steel lifetime. Patented percussion channeling minimizes the number of parts requiring maintenance, making this rock drill one of the best on the market in terms of power to weight ratio. Original modular design makes this rock drill also one of the easiest to service. The rotation motor can be installed on the right or left-hand side. Flushing media can be air or water. Customization options include BLT and BLTF variants for bolting and grouting.

DF560L can be used in underground production drilling and tunnelling applications. This rock drill has a very low profile, only 84mm from the drill center line.

TECHNICAL SPECIFICATIONS

DOOFOR DF560L DRIFTER

NOMINAL PERCUSSION POWER		20 kW	26.8 hp
DRILL HOLE SIZE [5]		89 mm	3 1/2"
PERCUSSION FLOW		110–130 l/min	29.1–34.3 gpm
PERCUSSION PRESSURE		80–150 bar	1160–2176 psi
ROTATION MOTOR MAXIMUM FLOW [1] [4]	80cc	80 l/min	21.1 gpm
	100cc	90 l/min	23.8 gpm
	125cc	90 l/min	23.8 gpm
	160cc	90 l/min	23.8 gpm
	200cc	90 l/min	23.8 gpm
ROTATION TORQUE [1]	80cc	504 Nm	372 lb·ft
	100cc	634 Nm	468 lb·ft
	125cc	796 Nm	587 lb·ft
	160cc	975 Nm	719 lb·ft
	200cc	1170 Nm	863 lb·ft
ROTATION PRESSURE [4] (MAXIMUM)		175 bar (275 bar	2540 psi (3989 psi)
ROTATION SPEED MAXIMUM [2]	80cc	250 rpm	
	100cc	250 rpm	
	125cc	250 rpm	
	160cc	250 rpm	
	200cc	225 rpm	
LUBRICATION	Air-oil mist	200–300 g/h	7.8–11.7 fl oz/h (2.3–3.5 dl/h)
LUBRICATION PRESSURE		6–7 bar	87–101 psi
LUBRICATION AIR FLOW		200–300 l/min	53–79 gpm
FLUSHING AIR PRESSURE [3]		5–7 bar	73–101 psi
FLUSHING AIR FLOW [3]		4000 l/min	1057 gpm
FLUSHING WATER FLOW [3]		50–150 l/min	13–40 gpm
RECOMMENDED MAXIMUM FEED FORCE		15 kN	3372 lbf
WEIGHT		151 kg	333 lb
SHANK SIZE		R32, R38, T38, T45	

1) Intermittent value.

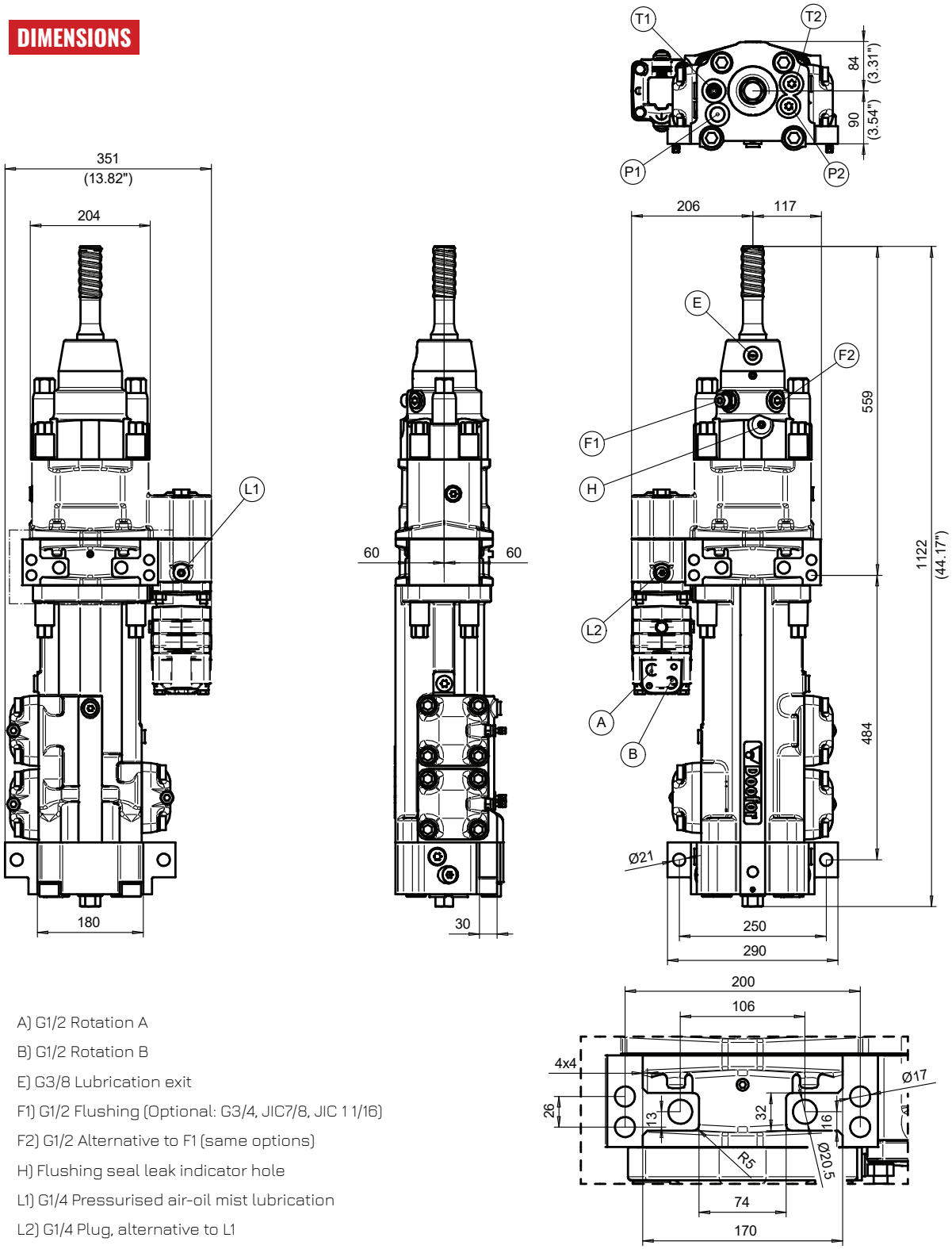
2) Continuous value. Maximum recommended speed 250 rpm.

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

4) Value for default OMS motors only.

5) Maximum drill hole size in normal drilling applications.

DIMENSIONS



A) G1/2 Rotation A
B) G1/2 Rotation B
E) G3/8 Lubrication exit
F1) G1/2 Flushing (Optional: G3/4, JIC7/8, JIC 1 1/16)
F2) G1/2 Alternative to F1 (same options)
H) Flushing seal leak indicator hole
L1) G1/4 Pressurised air-oil mist lubrication
L2) G1/4 Plug, alternative to L1
P1) G3/4 Percussion pressure
P2) G3/4 Plug, alternative to P1
T1) G3/4 percussion return to tank
T2) G3/4 Plug, alternative to L1

Motor can be on the left or on the right side. Motor ports can be turned. Back port versions of motor are available.
Flushing head can be turned 180 degrees. Accumulators can be turned to any of the four positions (depending on motor.)
Doofor DF560L can be equipped with BLT-, BLTG-„ BLTF- and 2M options.

