

DF540L HIGH-PERFORMANCE HYDRAULIC ROCK DRILL

Doofor DF540L is a hydraulic rock drill designed for bolting, general excavations, and underground production drilling. It has a very low overhead, only 82.5mm from the center line. The rotation motor of the DF540L can be installed on the right-hand or the left-hand side. Flushing media can be water or air. Optimized internal oil flow construction effectively preserves hydraulic power.



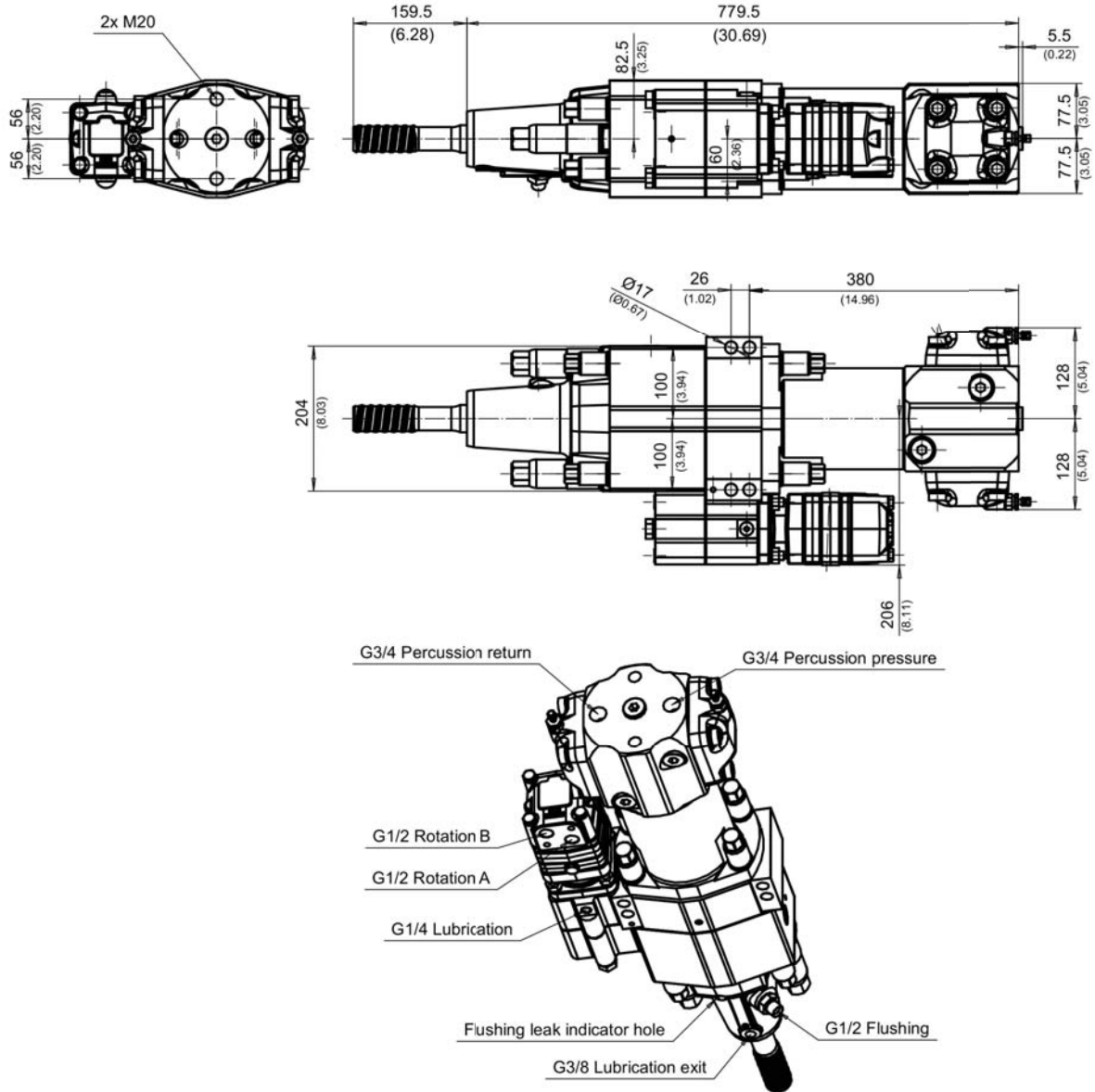
TECHNICAL SPECIFICATIONS

DOOFOR DF540L DRIFTER

NOMINAL POWER CLASS		14 kW	18.8 hp
OPTIMAL MAXIMUM HOLE SIZE		64 mm	2 1/2"
PERCUSSION FLOW		90 l/min	23.8 gpm
PERCUSSION PRESSURE		140 bar	2030 psi
ROTATION MOTOR MAXIMUM FLOW ¹⁾	80cc	80 l/min	21.1 gpm
	125cc	90 l/min	23.8 gpm
	160cc	90 l/min	23.8 gpm
ROTATION TORQUE ¹⁾	80cc	504 Nm	372 lb-ft
	125cc	796 Nm	587 lb-ft
	160cc	975 Nm	719 lb-ft
ROTATION PRESSURE MAXIMUM		175 bar	2540 psi
ROTATION SPEED MAXIMUM	80cc	250 rpm	
	125cc	250 rpm	
	160cc	250 rpm	
LUBRICATION	Air-oil mist	200-300 g/h	7.8-11.7 fl oz/h (2.3-3.5 dl/h)
LUBRICATION PRESSURE		4-7 bar	58-101 psi
LUBRICATION AIR FLOW		200-300 l/min	53-79 gpm
FLUSHING AIR PRESSURE ¹⁾		5-7 bar	73-101 psi
FLUSHING AIR FLOW ¹⁾		4000 l/min	1057 gpm
FLUSHING WATER FLOW ¹⁾		150 l/min	39.6 gpm
FLUSHING TEMPERATURE		3-30°C	37-86°F
RECOMMENDED MAXIMUM FEED FORCE		15 kN	3372 lbf
OPTIMUM OIL OPERATING VISCOSITY		30-60 cSt	
MAXIMUM OPERATING OIL TEMPERATURE		70 °C	158 °F
WEIGHT		132 kg	291 lb
SHANK SIZE		R32, R38, T38	

¹⁾ Intermittent value.

²⁾ Actual values vary according to drilling conditions and equipment.



DF540L can be equipped with BLT, EXT- and 2M options.

