DF530X **HIGH-PERFORMANCE HYDRAULIC ROCK DRILL**



Doofor DF530X is a new generation high-power, high-frequency rock drill used for general excavations and quarrying. This rock drill is equipped with a hexagonal female chuck. Flushing media can be air or water.
DF530X uses a high-energy piston shape for high-penetration speed in hard rock drilling operations and is efficient in preserving good drill tool life.
This model can be used with a Doofor original drill feed system component kit.

CIVIL ENGINEERING, DIMENSIONAL, SURFACE AND UNDERGROUND

TECHNICAL SPECIFICATIONS

DOOFOR DF530X DRIFTER

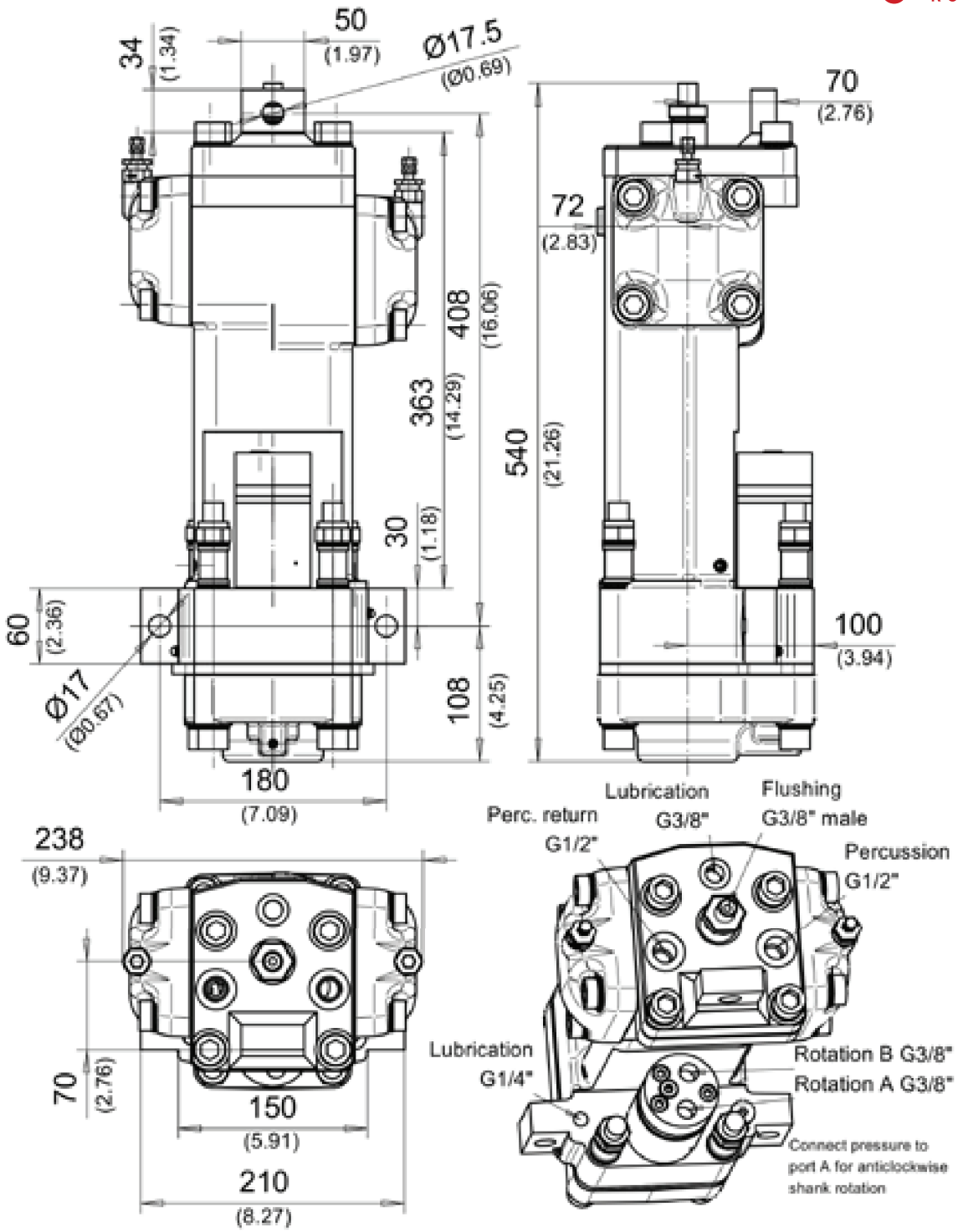
NOMINAL POWER CLASS		10 kW	13.4 hp
DRILL HOLE SIZE [4]		45 mm	1 3/4"
PERCUSSION FLOW		45–55 l/min	11.9–14.5 gpm
PERCUSSION PRESSURE		100–130 bar	1450–1885 psi
ROTATION MOTOR MAXIMUM FLOW [1]	12.5cc	25 l/min	6.6 gpm
	20cc	25 l/min	6.6 gpm
	32cc	25 l/min	6.6 gpm
	40cc	25 l/min	6.6 gpm
	50cc	25 l/min	6.6 gpm
ROTATION TORQUE [1]	12.5cc	70 Nm	52 lb·ft
	20cc	107 Nm	79 lb·ft
	32cc	177 Nm	131 lb·ft
	40cc	214 Nm	158 lb·ft
	50cc	269 Nm	198 lb·ft
ROTATION PRESSURE MAXIMUM		140 bar	2031 psi
ROTATION SPEED MAXIMUM [2]	12.5cc	300 rpm	
	20cc	300 rpm	
	32cc	200 rpm	
	40cc	163 rpm	
	50cc	130 rpm	
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
WEIGHT		55 kg	121 lb
SHANK SIZE		108mm [4 1/4"] * 22mm [7/8"] or 25mm[1"]	

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.



Alternative models for Doofor DF530X include Doofor DF530S with male shank adapter and Doofor DF530L with two side rotation motors for extra torque. New model DF530XS combines male or female shank adapters with short overall length.





