

## Doofor DF600S hydraulic rock drill

### Description

Doofor DF600S is a hydraulic rock drill for general excavations and underground production drilling. The Doofor DF600S is equipped with a separate side flushing box and a back hammer, which enables directing the blow energy upwards to remove stuck drill steels from the rock.

Drill hole flushing can be done with air or with water. The required air or water flow depends on the diameter of the hole. Flushing parts are made of bronze or plastic to minimize corrosion.

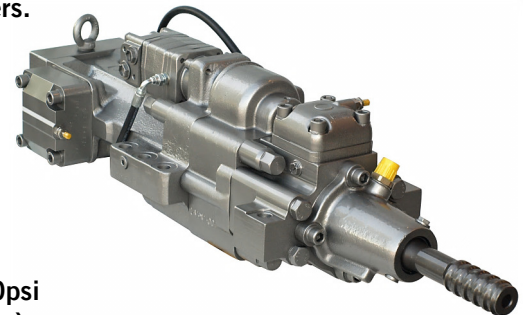
Doofor DF600S –rock drill can be used with 45mm [1 ¾"] or 51mm [2"] drill steels. Equivalent hole size is 76mm [3"] (maximum 89mm [3 ½"]).

Shank adapters / striker bars are T38, T45 and T51. Shank adapters are available from number of manufacturers, including Doofor, Sandvik and Atlas Copco. Doofor DF600S utilizes Sandvik 800T rock drill shank adapters. Sandvik and Atlas Copco are registered trademarks of their respective owners.



### Technical data

	Metric	US cust.
Percussion power	20kW	26.8hp
Percussion oil pressure (oil flow)	120—140bar 120—140 litres/min	1740—2030psi 31.7—37gpm
Rotation torque, intermittent* speed oil flow*	1650Nm 90—180 RPM 40—82 litres/min	1217lb-ft 90—180 RPM 10.6—21.7gpm
Shank lubrication air	200—300 litres/min	53—79gpm
Flushing pressure, air Flushing air flow Flusing water flow	5—8bar 6000 litres/min 200 litres/min	73—116psi 1585gpm 52.8gpm
Weight	230kg	507lb



Feed force (pressure) must be adjustable during operation.

\*) Numbers given are for standard rotation motor (200cm<sup>3</sup>) at a peak pressure of 175bar [2466psi]  
Motor options are 80cm<sup>3</sup>, 100cm<sup>3</sup>, 125cm<sup>3</sup>, 160cm<sup>3</sup>, 200cm<sup>3</sup>, 250cm<sup>3</sup>. For professional use only as a component of a hydraulic system.

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