

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 51mm [2"] (*recommended*) or 45mm [1 ¾"] drill steels. Equivalent hole size is 76mm [3"] (maximum 89mm [3 ½"]).

Shank adapters / striker bars are T45, T38 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* | 90—180 RPM 40—82 litres/min | 1650Nm 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 (200cm³) at a peak pressure of 175bar [2466psi]
Motor options are 80cm³, 100cm³, 125cm³, 160cm³, 200cm³, 250cm³.

Doofor DF600S hydraulic rock drill

