

CORE DRILL

AK 50

Hydraulic core drill for holes up to ø 700 mm



Available in
underwater version



AK50 is an hydraulic core drilling tool for heavy duty drilling works for holes with diameter up to 70 cm. The tool is manufactured with the best components and materials to ensure high performance and maximum reliability. To have more speed and drilling capacity on the tool, you can install six different hydraulic motors, orbital type, which means high efficiency, zero maintenance and a long and trouble-free service life. The 20 cc motor for small diameters is gear type.



The list price of complete tool includes: the tool body one motor/valve group to be chosen by customer depending on holes diameter. Other valve motor units available at more price.



Detail of the motor/valve group is available in 6 variants of displacement and number of revolutions.

TECHNICAL CHARACTERISTICS	AK 50
Weight (kg)	13
Dimension LxH (cm)	54x22
Attachment of core bit	1-1/4" (internal 1/2" BSP)
Flow L/min	30-38
Pressure Bar	120-200
Motor power	9KW (@38L/min 140 Bar)
Speed min/max	90-1750 rpm
Attachment of core bit	External 1-1 / 4 "BSP Male Internal 1/2 "BSP Female

MOTOR TYPE cubic centimetres	AK 50 speed/diameter chart - hydraulic motors range	
	speed @ 30 l/min hole ø mm	speed @ 38 l/min hole ø mm
20 cc - code k0283	1400 rpm-ø 40-100 hole	1750 rpm-ø 30-60 hole
50 cc - code k0116	600 rpm-ø 70-120 hole	760 rpm-ø 50-100 hole
100 cc - code k0114	300 rpm-ø 130-250 hole	380 rpm-ø 130-180 hole
160 cc - code k0112	180 rpm-ø 300-360 hole	220 rpm-ø 250-310 hole
200 cc - code k0118	150 rpm-ø 400-600 hole	190 rpm-ø 250-400 hole
315 cc - code k0119	90 rpm-ø 500-700 hole	120 rpm-ø 450-600 hole

The drill rig is not supplied with the tool

