

GEONEX GR 6

GEONEX DTH-DRILLING ROTARY HEADS



Geonex Rotary Heads are engineered for DTH-Drilling. Design is compact and strong engineered for both horizontal and vertical drilling. Rotary head can be mounted straight to feed carriage or as an option, there is also possibility for tilt function with cuttings collector. Speed switching valve option and different motor sizes also enables drilling of large diameter range. Rotary head has in-built air swivel with large hole through.

APPLICATIONS FOR GEONEX GR 6

✓ HZR220 horizontal drilling rig

The GR6 rotary head is compatible with the HZR220 horizontal drilling rig.

✓ Vertical and well drilling rigs

The rotary head is engineered for both horizontal and vertical drilling applications.

✓ Anchoring and special drilling rigs

The GR6 can be attached to a variety of special drilling rigs from different brands.

TECHNICAL INFORMATION

Geonex GR 6	
Weight kg (lb)	115 (255)
Length (with out threads adapter) mm (ft in)	380 (1' 3")
Width mm (ft in)	285 (11")
Height mm (ft in)	300 (1')
Thread connection (can be specified according to customer needs)	Api Reg 2 3/8F
Max oil flow lpm (gpm)	150 (39)
Max pressure Bar (psi)	250 (3625)
Hydraulic motor size cm ³ /r (cid)	min. 160(10) max. 315 (20)

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Max rotation torque, slow Nm (ftlb)	min. 3000(2210) max. 6000 (4425)
Max rotation speed, gear 1 r/min	min. 120 max. 60

Options	
OPTION	Speed switching valve
Max oil flow lpm (gpm)	75 (20)
Max pressure Bar(psi)	250 (3625)
Hydraulic motor size cm ³ /r (cid)	min. 160 (10) max. 315 (20)
Max rotation torque, slow Nm (ftlb)	min. 3000(2210) max. 6000 (4425)
Max rotation speed, slow r/min	min. 60 max. 30
Max rotation torque, fast Nm (ftlb)	min. 1500(1105) max. 3000 (2210)
Max rotation speed, fast r/min	min. 120 max. 60
OPTION	Sliding cuttings collector
OPTION	Tilt function
OPTION	Different sub savers

