

OPTIMAL PRODUCTIVITY

ATLAS COPCO'S DHR 6 IS A RUGGED, HYDRAULICALLY POWERED ROTARY UNIT WHICH PROVIDES EFFECTIVE, HIGH QUALITY RESULTS WITH ANY TYPE OF DOWN THE HOLE (DTH) HAMMER.



Multiple model types are available

Optional floating sub

Multiple options for hydraulic motors

Designed for safe and reliable operation

MAIN BENEFITS

The **power** to drill large holes

High quality penetration results with any type of down the hole DTH hammer

Enables the DTH hammer to exert **greater** power, which significantly accelerates the drilling rate

Prolonged drill pipe life



Models: DHR 6H (surface); DHR 6RC (reverse circulation); DHR 6 HU (underground); DHR 6W (water powered DTH underground).



Service tools are available to facilitate precise and correct machine maintenance ensuring equipment safety and performance.



All spare parts and ware parts are available.

TECHNICAL SPECIFICATIONS

DHR 6H (FOR STANDARD SURFACE APPLICATIONS)

Description	Part number	Adapter type	Adapter thread	Optimal size DTH hammer	Torque, max	Speed, max	Hydraulic motor displacement	Flow, max	Pressure drop, max	Weight	Length
DHR 6H 45-2	4350 2761 02	Fixed	2 3/8 inch API Reg. Box	4 - 5 inch	3000 Nm (2212 lbf-ft)	136 rpm	125 cm3 (7.7 in3)	150 l/min (5.3 cfm)	210 bar (3046 psi)	180 kg (397 lb)	528 mm (1 ft 8.8 inch)
DHR 6H 56-2	4350 2762 02			5 - 6 inch	3900 Nm (2867 lbf-ft)	107 rpm	160 cm3 (9.8 in3)				534 mm (1 ft 9 inch)
DHR 6H 56-6	4350 2762 06		3 1/2 inch API Reg. Box	5 - 6 inch	3900 Nm (2867 lbf-ft)	107 rpm	160 cm3 (9.8 in3)		534 mm (1 ft 9 inch)		
DHR 6H 68-6	4350 2763 06			6 - 8 inch	5100 Nm (3761 lbf-ft)	68 rpm	250 cm3 (15.2 in3)		550 mm (1 ft 9.6 inch)		
DHR 6H 78-6	4350 2764 06			7 - 8 inch	6400 Nm (4720 lbf-ft)	54 rpm	315 cm3 (19.2 in3)		561 mm (1 ft 10 inch)		
DHR 6H 45-1	4350 2761 01		Floating	2 3/8 inch API Reg. Box	4 - 5 inch	3000 Nm (2212 lbf-ft)	136 rpm		125 cm3 (7.7 in3)		150 l/min (5.3 cfm)
DHR 6H 56-1	4350 2762 01	5 - 6 inch			3900 Nm (2867 lbf-ft)	107 rpm	160 cm3 (9.8 in3)	851 mm (2 ft 9.5 inch)			
DHR 6H 56-3	4350 2762 03	3 1/2 inch API Reg. Box		5 - 6 inch	3900 Nm (2867 lbf-ft)	107 rpm	160 cm3 (9.8 in3)	851 mm (2 ft 9.5 inch)			
DHR 6H 68-3	4350 2763 03			6 - 8 inch	5100 Nm (3761 lbf-ft)	68 rpm	250 cm3 (15.2 in3)	867 mm (2 ft 10 inch)			
DHR 6H 78-3	4350 2764 03			7 - 8 inch	6400 Nm (4720 lbf-ft)	54 rpm	315 cm3 (19.2 in3)	878 mm (2 ft 10.6 inch)			

DHR 6RC (FOR SURFACE APPLICATIONS USING REVERSE CIRCULATION)

Description	Part number	Adapter type	Adapter thread	"Optimal size DTH hammer"	Torque, max	Speed, max	Hydraulic motor displacement	Flow, max	Pressure drop, max	Weight	Length
DHR 6RC 68	4350 2663 02	Fixed	4 inch RC Metzke Long Pin	6 - 8 inch	5100 Nm (3761 lbf-ft)	68 rpm	250 cm3 (15.2 in3)	150 l/min (5.3 cfm)	175 bar (2538 psi)	175 kg (386 lb)	697 mm (2 ft 3.4 inch)
DHR 6RC 78	4350 2663 04			7 - 8 inch	6400 Nm (4720 lbf-ft)	54 rpm	315 cm3 (19.2 in3)				708 mm (2 ft 3.8 inch)

DHR 6HU (FOR UNDERGROUND APPLICATIONS)

Description	Part number	Adapter type	Adapter thread	"Optimal size DTH hammer"	Torque, max	Speed, max	Hydraulic motor displacement	Flow, max	Pressure drop, max	Weight	Length
DHR 6HU 56-3	4350 2762 13	Floating	3 1/2 inch API Reg. Box	4 - 6 inch	3900 Nm (2876 lbf-ft)	107 rpm	160 cm3 (9.8 in3)	150 l/min (5.3 cfm)	210 bar (3046 psi)	245 kg (540 lb)	871 mm (2 ft 10.3 inch)
DHR 6HU 68-3	4350 2763 13			6 - 8 inch	5100 Nm (3761 lbf-ft)	68 rpm	250 cm3 (15.2 in3)		175 bar (2538 psi)		887 mm (2 ft 10.9 inch)

DHR 6W (FOR WATER POWERED DTH HAMMERS IN UNDERGROUND APPLICATIONS)

Description	Part number	Adapter type	Adapter thread	"Optimal size DTH hammer"	Torque, max	Speed, max	Hydraulic motor displacement	Flow, max	Pressure drop, max	Weight	Length
DHR 6W 56	9236 2012 40	Fixed	3 1/2 inch Z	5 - 6 inch	3900 Nm (2876 lbf-ft)	107 rpm	160 cm3 (9.8 in3)	150 l/min (5.3 cfm)	210 bar (3046 psi)	235 kg (540 lb)	948 mm (3 ft 1.3 inch)
DHR 6W 68	9236 2012 50			6 - 8 inch	5100 Nm (3761 lbf-ft)	68 rpm	250 cm3 (15.2 in3)		175 bar (2538 psi)		948 mm (3 ft 1.3 inch)

FLOATING SUBS/FIXED ADAPTERS FOR DHR 6H

Description	Part number
Fixed 2 3/8" API Reg. Box	4350 2662 10
Fixed 3 1/2" API Reg. Box	4350 2662 11
Floating 2 3/8" API Reg. Box	4350 2662 20
Floating 3 1/2" API Reg. Box	4350 2662 21

FLOATING SUBS FOR DHR 6HU

Description	Part number
Floating, 3 1/2" API Reg. Box	4350 2617 33