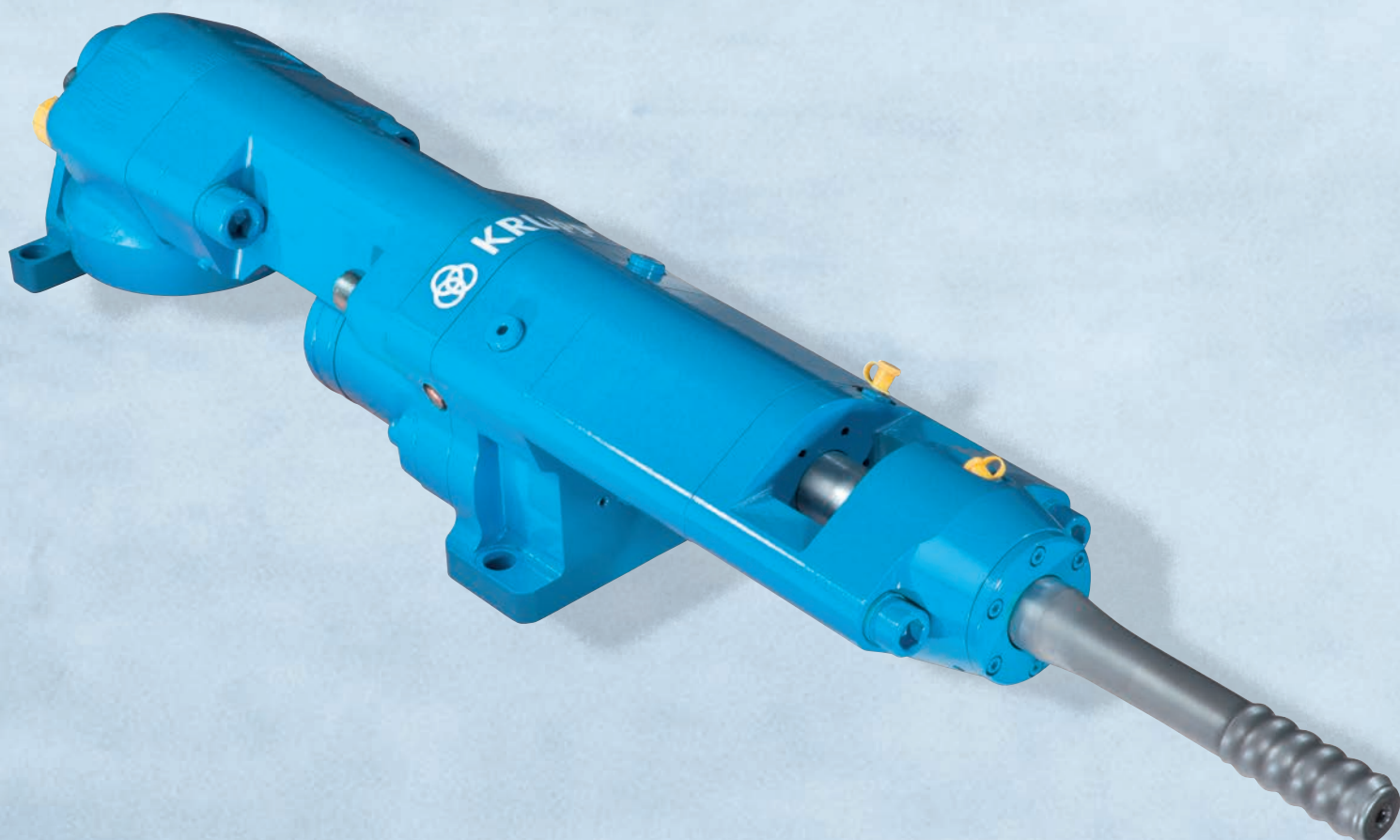


Materials Services
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KRUPP Drifter HB5.



thyssenkrupp



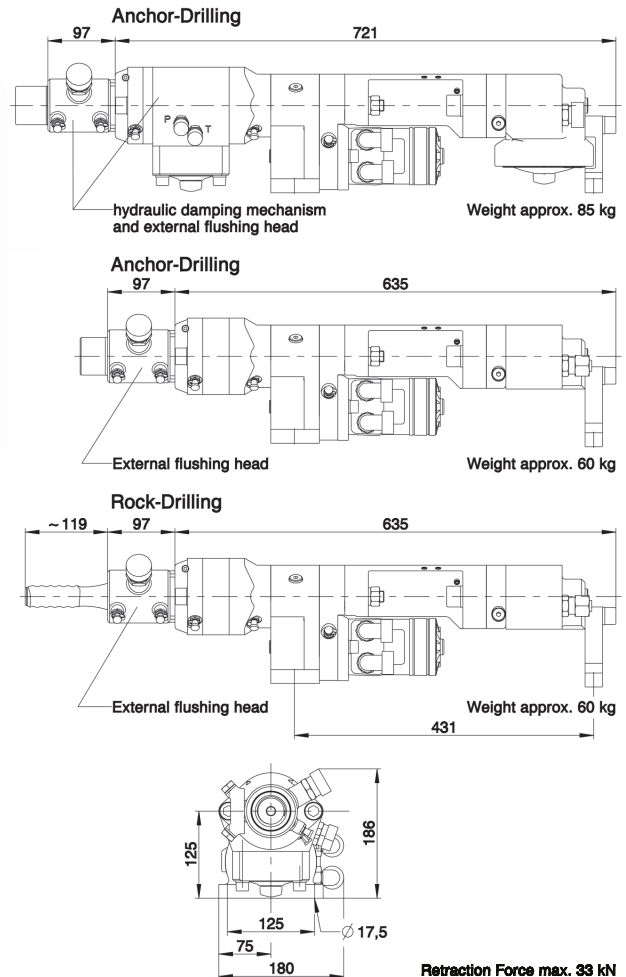
KRUPP Drifter HB5

Compact design – the ideal drifter (hammer drill) for smaller drill rigs and excavator mounted drill masts.



- Especially designed for rock drilling and smaller threaded self-drilling anchors (threaded hollow bars).
- For anchor and rock drilling, bolting and benching, several motor versions with different torques and speeds are available.
- The built-in hydraulic damping mechanism improves retraction of rods and avoids blank impacts.
- Hole diameter up to 50 mm (2").
- Hole depth up to 9m (30 feet).
- Options: external flushing head fitted on an extended shank adaptor and hydraulic damping mechanism.

Main Dimensions



Rotary Drives

Motor-Version 100 ccm																			
Pressure at rotary drive			70 bar				100 bar				130 bar				155 bar				
Gear				1 st				1 st					1 st				1 st		
Oil flow rate (lpm)	30	Torque (Nm)		86				124					161				192		
		Speed (rpm)		289				280					271				261		
	45	Torque (Nm)		86				124					161				192		
		Speed (rpm)		434				420					406				392		
	57	Torque (Nm)		86				124					161				192		
		Speed (rpm)		550				532					515				496		

1st gear

Intermittent mode (max. 10% per minute)

1st gear

■ Intermittend mode (max. 10% per minute)

Motor-Version 160 ccm																				
Pressure at rotary drive			70 bar				100 bar				130 bar				155 bar					
Gear				1 st				1 st					1 st				1 st			
Oil flow rate (lpm)	30	Torque (Nm)		143				204					265				316			
		Speed (rpm)		176				170					164				158			
	45	Torque (Nm)		143				204					265				316			
		Speed (rpm)		263				255					246				237			
	57	Torque (Nm)		143				204					265				316			
		Speed (rpm)		333				323					312				301			

1st gear

Intermittent mode (max. 10% per minute)

1st gear

■ Intermittend mode (max. 10% per minute)

Motor-Version 370 ccm																			
Pressure at rotary drive			30 bar				40 bar				70 bar				100 bar				
Gear				1 st				1 st					1 st				1 st		
Oil flow rate (lpm)	30	Torque (Nm)		141				189					330				471		
		Speed (rpm)		81				78					78				78		
	45	Torque (Nm)		141				189					330				471		
		Speed (rpm)		122				118					118				118		
	57	Torque (Nm)		141				189					330				471		
		Speed (rpm)		154				149					149				149		

1st gear

Intermittent mode (max. 10% per minute)

1st gear

■ Intermittend mode (max. 10% per minute)

Other motor versions are available

Percussion Unit

Operating pressure (kp/cm ²)	160 - 180 bar
Oil flow rate (l/min)	50 - 60 lpm
Impact rate (min ⁻¹)	3000 bpm
Single impact energy (Joule)	140 Nm

Shank Adaptors (Striker Bars)

Male thread	R32 left, R38 left
Female thread	R32 left, R38 left, T38 left
	TITAN 30/11 left, 40/16 left
Other shank adaptors (striker bars) are available	

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thyssenkrupp Infrastructure GmbH
Alte Liederbacher Str. 6
36304 Alsfeld, Germany
P: +49 6631 781-0
F: +49 6631 781-113
machinery.tkinfrastructure@thyssenkrupp.com
www.thyssenkrupp-infrastructure.com