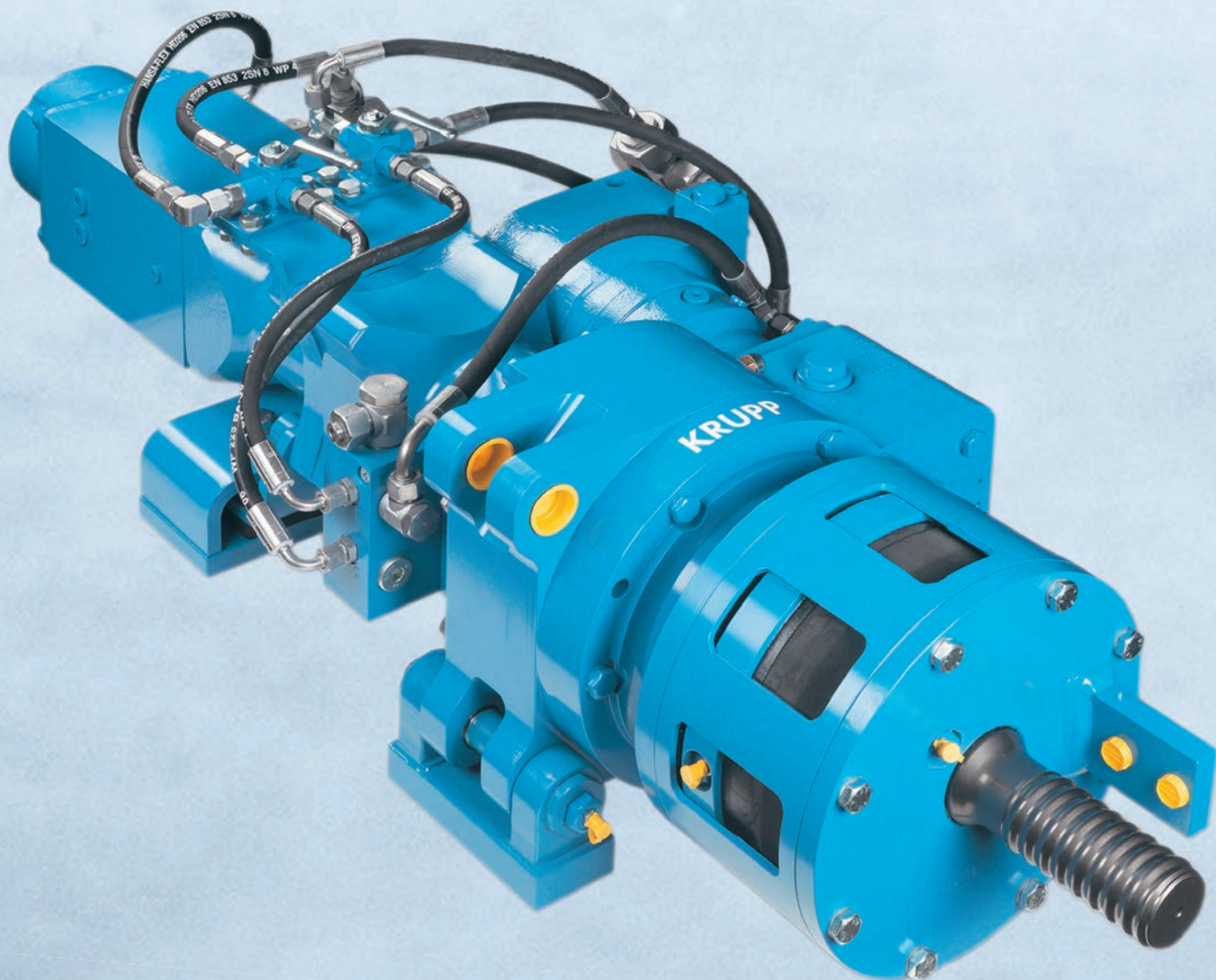


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# KRUPP Drifter HB32.

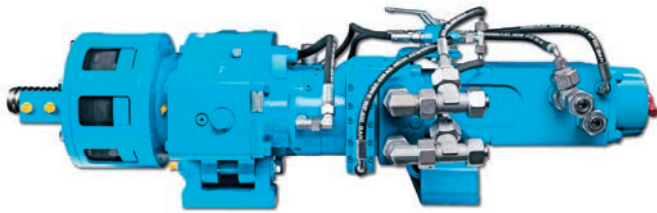


thyssenkrupp



# KRUPP Drifter HB32

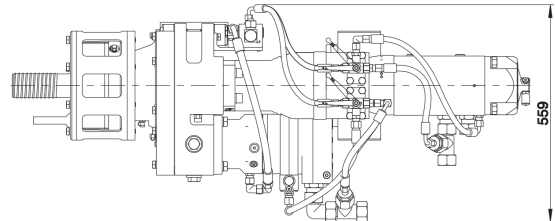
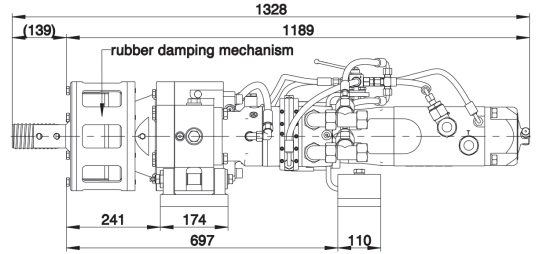
Compact design – the ideal drifter (hammer drill) for smaller and mid-size drill rigs and excavator mounted drill masts.



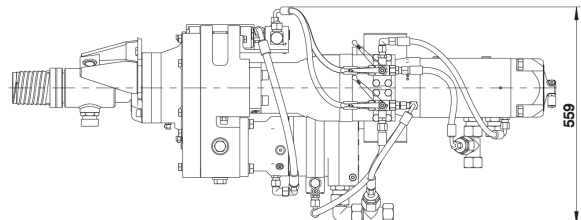
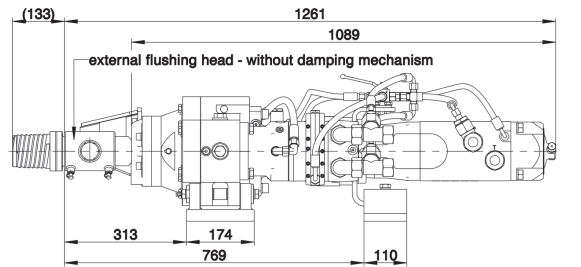
- Especially developed for casing drilling, threaded hollow bar systems (self-drilling anchors) and micropiles.
- Casing diameter up to 133 mm (5 inch) and threaded hollow bar systems up to a diameter of 73 mm (3 inch).
- The standard built-in rubber damping mechanism improves retraction of casings and avoids blank impacts.
- Optional: electric, hydraulic or manual changeover for the rotary drive speed and for the percussion mechanism frequency.
- Options: external flushing head and version without a damping mechanism.



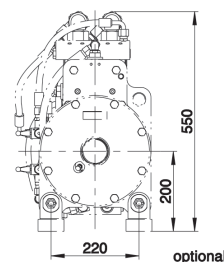
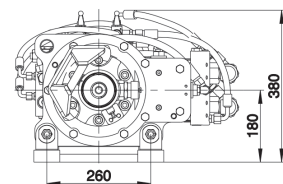
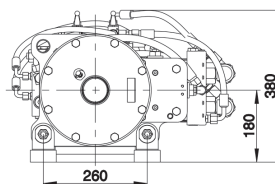
## Main Dimensions



Weight approx. 310 kg

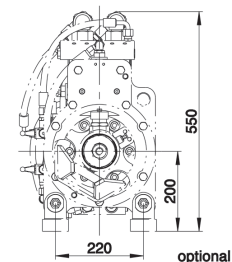


Weight approx. 290 kg



optional

Retraction Force max. 120 kN



optional

Retraction Force max. 50 kN

## Rotary Drives

### Motor-Version HP480 ccm

Pressure at rotary drive		140 bar			200 bar			240 bar			280 bar		
Gear		2 <sup>nd</sup>	1 <sup>st</sup>	2 <sup>nd</sup>	1 <sup>st</sup>	2 <sup>nd</sup>	1 <sup>st</sup>	2 <sup>nd</sup>	1 <sup>st</sup>	2 <sup>nd</sup>	1 <sup>st</sup>		
Oil flow rate (lpm)	60 Torque (Nm) Speed (rpm)	1400 80	2300 54	2200 80	3400 54	2600 80	4000 54	3100 80	4800 54				
	120 Torque (Nm) Speed (rpm)	900 161	2000 107	1700 161	3100 107	2100 161	3800 107	2600 161	4500 107				
	170 Torque (Nm) Speed (rpm)	800 228	1600 152	1500 228	2800 152	1900 228	3400 152	2400 228	4100 152				

1<sup>st</sup> gear, 2<sup>nd</sup> gear (2-speed mode)

### Motor-Version HP677 ccm (standard)

Pressure at rotary drive		140 bar			200 bar			240 bar			280 bar		
Gear		2 <sup>nd</sup>	1 <sup>st</sup>	2 <sup>nd</sup>	1 <sup>st</sup>	2 <sup>nd</sup>	1 <sup>st</sup>	2 <sup>nd</sup>	1 <sup>st</sup>	2 <sup>nd</sup>	1 <sup>st</sup>		
Oil flow rate (lpm)	60 Torque (Nm) Speed (rpm)	2000 57	3200 38	3100 57	4800 38	3700 57	5700 38	4400 57	6700 38				
	120 Torque (Nm) Speed (rpm)	1300 114	2800 76	2400 114	4400 76	3000 114	5300 76	3600 114	6300 76				
	170 Torque (Nm) Speed (rpm)	1100 162	2300 108	2200 162	3900 108	2700 162	4800 108	3400 162	5800 108				

1<sup>st</sup> gear, 2<sup>nd</sup> gear (2-speed mode)

### Motor-Version HP940 ccm

Pressure at rotary drive		140 bar			170 bar			200 bar			230 bar		
Gear		2 <sup>nd</sup>	1 <sup>st</sup>	2 <sup>nd</sup>	1 <sup>st</sup>	2 <sup>nd</sup>	1 <sup>st</sup>	2 <sup>nd</sup>	1 <sup>st</sup>	2 <sup>nd</sup>	1 <sup>st</sup>		
Oil flow rate (lpm)	60 Torque (Nm) Speed (rpm)	2800 41	4400 27	3500 41	5500 27	4300 41	6700 27	4900 41	7600 27				
	120 Torque (Nm) Speed (rpm)	1800 82	3900 55	2500 82	4900 55	3300 82	6200 55	3900 82	7000 55				
	170 Torque (Nm) Speed (rpm)	1500 116	3200 78	2200 116	4200 78	3000 116	5500 78	3600 116	6300 78				

1<sup>st</sup> gear, 2<sup>nd</sup> gear (2-speed mode)

**Other motor versions are available**

## Percussion Unit

Operating pressure (kp/cm <sup>2</sup> )	170 - 190 bar
Oil flow rate (l/min)	70 - 85 lpm
Impact rate (min <sup>-1</sup> )	1800 / 2500 bpm
Single impact energy (Joule)	400 / 340 Nm

## Shank Adaptors (Striker Bars)

Male thread	C64 left, C64 right (standard)
Female thread	T45 left, T51 left, R55 (H55) left, R55 (H55) right
Special thread	88.9 (101.6) conical male left + T38 female left

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