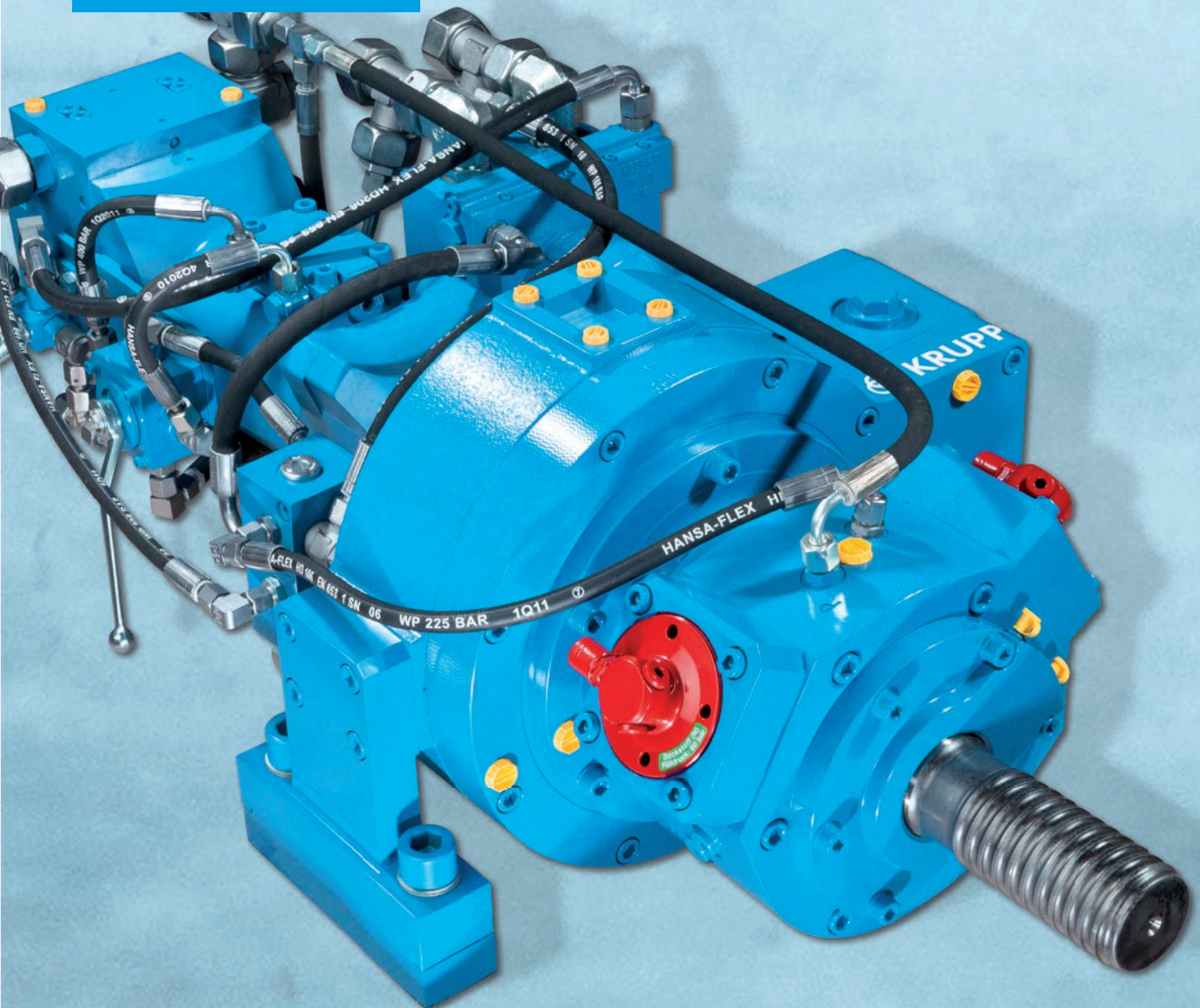


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KRUPP Drifter HB35.



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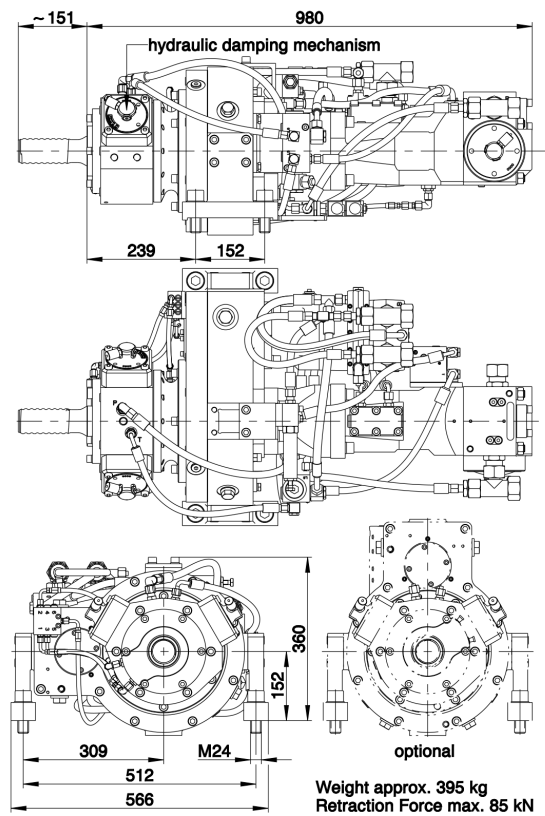
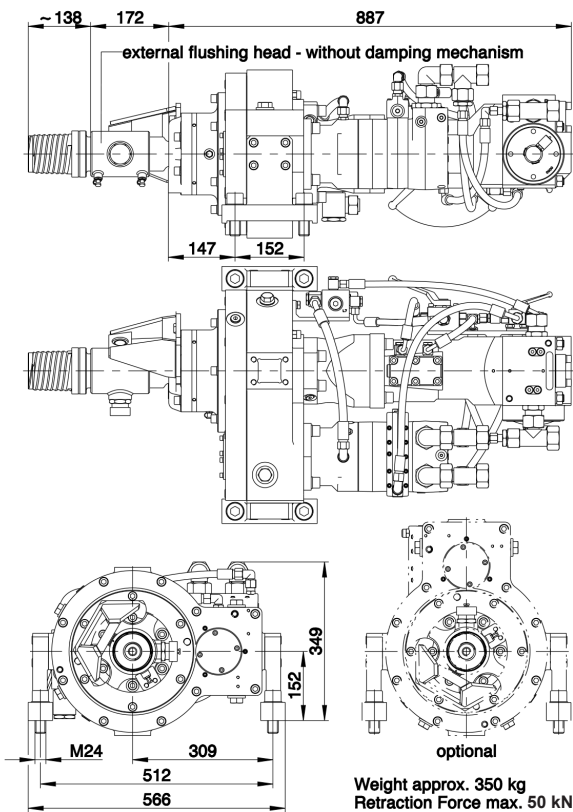
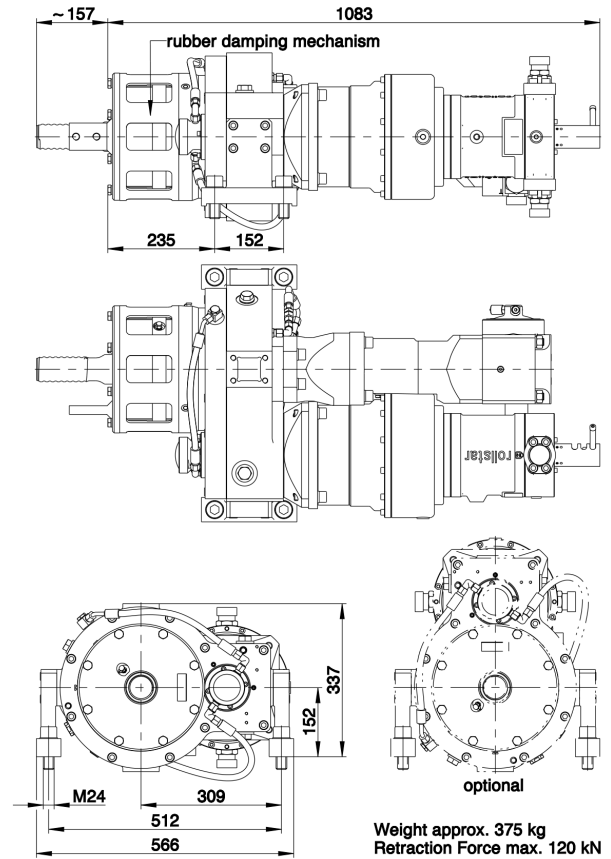


KRUPP Drifter HB35

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 self-drilling anchors and micropiles.
- Casing diameter up to 133 mm (5 inch) and threaded hollow bars up to a diameter of 73 mm (3 inch).
- The standard built-in rubber damping mechanism improves retraction of casings and rods and avoids blank impacts.
- Optional: electric, hydraulic or manual changeover for the rotary drive speed and for the percussion mechanism frequency.
- Options: hydraulic operated damping mechanism, external flushing head and central lubrication system.

Main Dimensions



Rotary Drives

Motor-Version HP480 ccm													
Pressure at rotary drive		170 bar			200 bar			240 bar			280 bar		
Gear		2 nd		1 st	2 nd		1 st	2 nd		1 st	2 nd		1 st
Oil flow rate (lpm)	90 Torque (Nm) Speed (rpm)	2,500 73		3,900 48	3,100 72		4,800 48	3,700 72		5,700 48	4,300 71		6,600 48
	150 Torque (Nm) Speed (rpm)	2,300 125		3,700 84	2,800 125		4,500 83	3,400 125		5,400 83	4,100 125		6,400 84
	170 Torque (Nm) Speed (rpm)	2,100 144		3,500 96	2,700 141		4,400 94	3,300 140		5,300 93	3,900 140		6,200 93

1st gear, 2nd gear (2-speed mode)

Motor-Version HP677 ccm (standard)													
Pressure at rotary drive		170 bar			200 bar			240 bar			280 bar		
Gear		2 nd		1 st	2 nd		1 st	2 nd		1 st	2 nd		1 st
Oil flow rate (lpm)	90 Torque (Nm) Speed (rpm)	3,600 51		5,600 34	4,400 51		6,800 34	5,200 51		8,000 34	6,100 51		9,400 34
	150 Torque (Nm) Speed (rpm)	3,200 89		5,200 59	4,000 88		6,400 59	4,800 88		7,600 59	5,700 89		9,000 59
	170 Torque (Nm) Speed (rpm)	3,000 102		5,000 68	3,800 100		6,200 67	4,600 99		7,400 66	5,500 99		8,800 66

1st gear, 2nd gear (2-speed mode)

Motor-Version HP940 ccm													
Pressure at rotary drive		170 bar			200 bar			230 bar					
Gear		2 nd		1 st	2 nd		1 st	2 nd		1 st			
Oil flow rate (lpm)	90 Torque (Nm) Speed (rpm)	5,000 37		7,700 25	6,100 37		9,400 24	7,100 37		10,800 24			
	150 Torque (Nm) Speed (rpm)	4,400 64		7,200 43	5,500 64		8,800 42	6,500 64		10,300 42			
	170 Torque (Nm) Speed (rpm)	4,200 74		6,900 49	5,300 72		8,600 48	6,200 72		10,100 48			

1st gear, 2nd gear (2-speed mode)

Motor-Version 110 ccm													
Pressure at rotary drive		140 bar			170 bar			210 bar			240 bar		
Gear		1 st	2 nd	3 rd	1 st	2 nd	3 rd	1 st	2 nd	3 rd	1 st	2 nd	3 rd
Oil flow rate (lpm)	60 Torque (Nm) Speed (rpm)	800 170	2,500 51	6,300 18	900 170	3,100 51	7,900 18	1,100 170	3,800 51	10,100 18	1,300 170	4,400 51	11,700 18
	90 Torque (Nm) Speed (rpm)	700 256	2,400 76	5,600 27	900 256	3,000 76	7,200 27	1,100 256	3,800 76	9,300 27	1,300 256	4,300 76	10,900 27
	110 Torque (Nm) Speed (rpm)	700 313	2,400 93	5,000 33	900 313	3,000 93	6,500 33	1,100 313	3,700 93	8,700 33	1,300 313	4,300 93	10,300 33

1st gear, 2nd gear, 3rd gear (manual changeover)

■ Intermittend mode (max. 10% per minute)

Other motor versions are available

Percussion Unit

Operating pressure (kp/cm ²)	180 - 200 bar
Oil flow rate (l/min)	70 - 90 lpm
Impact rate (min ⁻¹)	1,200 / 1,800 / 2,500 bpm
Single impact energy (Joule)	590 / 400 / 340 Nm

Shank Adaptors (Striker Bars)

Male thread	R55 (H55) left, R55 (H55) right
Male thread	C64 left, C64 right (standard)
Special thread	88.9 (101.6) conical male left + T38 female left
Other shank adaptors (striker bars) are available	

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