

Rotary drive	KDK 280 K	KDK 280 S
Torque (nominal) for casing operation at 350 bar	277 kNm	276 kNm
Torque (nominal) for drilling at 350 bar	250 kNm	250 kNm
Max. speed of rotation	30 rpm	55 rpm
Crowd winch		
Max. sledge stroke with 3 m mast extension	18,700 mm	
Crowded force push and pull, effective / nominal	330 / 423 kN	
Rope diameter	24 mm	
Speed (down / up)	6.5 m/min	
Fast speed (down / up)	25 m/min	
Main winch		
Line pull (1st layer) effective / nominal	200 / 250 kN	
Rope diameter	28 mm	
Line speed (max.)	85 m/min	
Auxiliary winch (selectable)		
Line pull (1st layer) effective / nominal	80 / 100 kN	100 / 125 kN
Rope diameter	20 mm	
Line speed (max.)	55 m/min	
Base carrier (EEP)		
Engine	CAT C 9	CAT C 9.3
Rated output ISO 3046-1	280 kW @ 1,850 rpm	298 kW @ 1,850 rpm
Exhaust emission EEC 97/68 EC standard acc. to EPA/CARB	Stage III A Tier 3	Stage IV Tier 4 final
Diesel tank capacity / AdBlue Tank	730 / - l	730 / 34.5 l
Sound pressure level in the cabin (EN 16228, Annex B)	L _{PA} 80 dB (A)	
Sound power level (2000/14/EG u. EN 16228, Annex B)	L _{WA} 112 dB (A)	
Hydraulic pressure	350 bar	
Hydraulic oil tank capacity	650 l	
Flow rates	2 x 250 + 1 x 400 + 1 x 135 l/min	
Undercarriage		
Crawler type	B 6	B 7
Traction force effective / nominal	450 / 530 kN	520 / 610 kN