

PRAKLA-SEISMOS AG



VVCA / E

VIBRATOR SYSTEM



VIBRATOR SYSTEM VVCA/E

Vibrator Specifications

Type	PC 13 S
Weight on baseplate	135 000 N
Peak force	125 000 N
Frequency range	6 to 130 Hz
Actuator mass	1965 kg
Piston area	59.55 cm ²
Usable stroke	± 35 mm
Baseplate area	2.36 m ²
Lift system	One cylinder lever-arm system (PRAKLA-SEISMOS patent)
Vibrator isolation	air bags
Lift stroke	800 mm

Vehicle Specifications

Vehicle type	4 x 4 crab tractor
Engine type	KHD F 8 L 413 F
Engine power (DIN 6270)	142 kW at 2150 rpm
Vehicle dimensions (L x W x H) (without winch)	7350 mm x 2500 mm x 3250 mm
Wheelbase	4100 mm
Tires	20.5 x 25 (optional: sand tires)
Power transmission	hydrostatic, power regulated
Vibrator pump	A 6 V 164 Ha
Drive pump	2 x A 4 V 125 Hd
Max. speed	38 km/h (23.5 mph)
Hill climbing ability	60 %
Engine fuel tank capacity	400 l
Hydraulic reservoir capacity	120 l
Turning radius	6.75 m
Total weight	165 000 N

Technical data subject to change without notice



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