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RD28-120c

5100047377

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RD28-120c

Material number 5100047377

2,8-t-class combination roller, rear rubber tires, front vibration drum.



Product details

Highlights

- Combination roller: Rear axle with rubber tires
- Ergonomic work platform
- Clearly arranged, intuitive operator panel
- Large line-of-sight, compact construction

Technical specifications

RD28-120c

OPERATING FLUIDS	Metric
Fuel Tank capacity	42,0 l
Water tank capacity	180,0 l

ENGINE	Metric
Battery capacity (nom. value)	70 Ah
Engine Manufacturer	Kubota
Cylinder capacity	1.647 cm ³
Standard (Effective power)	ISO 14396
Nominal Engine speed	2.200 1/min
Starter battery Voltage	12 V
Effective power	18,5 kW
Engine Designation	D1703

MECHANICAL - OUTPUT DETAILS	Metric
Vibration frequency II (front)	51 Hz
Compaction force II(front)	32 kN
Amplitude Level I (front)	0,45 mm
Static Cross Slope	30 °
Centrifugal force II (front)	23 kN
Gradeability	30,0 %
Compaction force I (front)	43 kN
Static linear load (front)	1,12 kg/mm
French classific., data/class	11,2/PV2
Linear load w. vibr.II (front)	2,73 kg/mm
Amplitude Level II (front)	0,45 mm
Centrifugal force I (front)	38 kN
Gradeability max. (without vib	40,0 %

Linear load w. vibr. I (front)	3,67 kg/mm
Vibration frequency I (front)	65 Hz
Travel speed	0,0 - 9,6 km/h

ENVIRONMENT DATA	Metric
Exhaust aftertreatment	no
CO (NRSC)	1,9000 g/KWh
Exhaust-gas limit	EU Stage V, US TIER 4
Sound power LWA, guaranteed	106,0 dB(A)
HC + NOx (NRSC)	5,900 g/KWh
PM (NRSC)	0,3100 g/KWh
Sound level LpA	88,0 dB(A)
CO2 (NRSC)	938,3 g/KWh
Sound power LWA, measured	104,0 dB(A)
Particle filter	no
Catalyst	no
Vibration, Whole Body	<= 0,5 m/s ²

MECHANICAL DETAILS	Metric
Empty weight with ROPS	2.400 kg
Curb clearance (left)	570 mm
Curb clearance right	55 mm
Curb clearance (right)	570 mm
Wheelbase	1.700 mm
Total height with ROPS	2.378 mm
Dry Weight	2.400,0 kg
Gross vehicular weight	2.720,0 kg
Operating width	1.200 mm
Operating weight with roll-ove	2.595,0 kg
Operating weight	2.595,0 kg
Length	2.530 mm
Turning radius outside	3.570 mm

Ground clearance	280 mm
Curb clearance left	55 mm
Operating weight, max.	3.320,00 kg
Height	1.752 mm
Turning radius inside	2.370 mm
Width	1.310 mm

CHASSIS	Metric
Wheel size (rear)	9,5/65-16
Number of tires (rear)	4
Width over tires (rear)	1.140 mm
Pendulum angle +/-	8 °
Wheel load per tire (rear)	313,75 kg

Please Note

This product availability can vary from country to country. It is possible that information / products may not be available in your country. More detailed information on engine power can be found in the operator's manual; the started power may vary due to specific operating conditions. Subject to alterations and errors expected. Applicable also to illustrations.
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