

Wacker Neuson Tandem Rollers RD 27



Specifications :

OPERATING DATA

	RD 27 - 100	RD 27 - 120
Operating weight * w/175lb operator	2480 kg	2700 kg
L x W x H height w/beacon	2500 x 1105 x 2770 mm	2500 x 1305 x 2770 mm
Drum width	1000 mm	1200 mm
Drum diameter	700 mm	700 mm
Side clearance Right	51 mm	51 mm
Side clearance Left	51 mm	51 mm
Curb clearance Right	513 mm	513 mm
Curb clearance Left	513 mm	513 mm
Centrifugal force Dynamic Drum Low	56 kN	68 kN
Centrifugal force Dynamic Drum High	75 kN	90 kN
Frequency Low	57.4 Hz	57.4 Hz
Frequency High	66 Hz	66 Hz
Linear force Static - Front	11.4 N/mm	9.8 N/mm
Linear force Static - Rear	13.5 N/mm	11.7 N/mm
Linear force Dynamic - Front Low	28 N/mm	28 N/mm
Linear force Dynamic - Rear Low	28 N/mm	28 N/mm
Linear force Dynamic - Front High	37.5 N/mm	37.5 N/mm
Linear force Dynamic - Rear High	37.5 N/mm	37.5 N/mm
Travel speed Forward	10 km/h	10 km/h
Travel speed Reverse	10 km/h	10 km/h
Surface capacity Max Area	10000 m ² /h	12000 m ² /h
Gradeability	35 %	35 %
Turning radius Outside	3640 mm	3740 mm

Engine / Motor

Engine / Motor type	RD 27 - 100 / RD 27 - 120
Engine / Motor type	Liquid-cooled, 3 - cylinder Diesel engine
Engine / Motor manufacturer	Kubota D1803
Displacement	1.83 cm ³
RPM / speed Operating	2700 rpm
Operating performance	28 kW
Max. Rated at 2700 rpm	
Fuel consumption	5.3 L/h
Tank capacity Fuel	51.5 L
Tank capacity Water	189 L
Runtime @ 2700 rpm	9.7 h

