

Actros

2633 LS 6x4 BM 96342412

Semitrailer tractor

General information	
Model variant + Code	963424 W2F F1F M2N M5C C1Q V1W V1A V2B M5A
Creation date	06.04.2021
Cab version	L-cab StreamSpace, 2.30 m, level floor
Wheelbase	Wheelbase 3550 mm
Rear overhang	Frame overhang 750 mm

Dimensions [mm]				
	Laden		Unladen	
Frame height at front	904		976	
Frame height at rear	949		984	
Extent of lift/sinking of rear axle	200	-80	200	-80
Total height incl. air intake	3776			
Ground clearance at front	235			
Ground clearance at rear	236			
Turning circle [m]	18			

Engine	
Engine: M2N	Eng. OM470, inline 6, 10.7 l, 240kW (326hp), 1700 Nm
Emissions standard: M5C	Engine version Euro VI, D

Power transmission	
Clutch	Single-disc clutch
Transmission	Transmission G 211-12/14.93-1.0
Final drive ratio	Axle ratio i = 2.846

Chassis				
Front springs		Front spring, 7.5 t, 2-leaf		
Rear springs		Air suspension, rear axle		
	Axles	Wheels	Tyres	Wheel rims
Front axle	Front axle 7.5 t	2	315/70 R 22,5	15-degree tapered rims, 9.00 x 22.5
Rear axle	Rear axle, crown wheel 390, hypoid, 10.0 t	4	315/70 R 22,5	15-degree tapered rims, 9.00 x 22.5
Rear axle 2	Rear axle, crown wheel 390, hypoid, 10.0 t	4	315/70 R 22,5	15-degree tapered rims, 9.00 x 22.5

Equipment	
Brakes	Disc brakes on front and rear axle
Braking system	Electronic braking system with ABS and ASR
Engine brake	Exhaust brake, standard system
Battery	Batteries 2 x 12 V / 170 Ah, low-maintenance
Battery carrier	Battery carrier, batteries side by side
Main fuel tank	Tank, 290 l, left, 650 x 700 x 750 mm, aluminium
AdBlue tank	AdBlue tank, 60 l, left
Steering	Steering, single-circuit
Frame	High-strength with continuous U-section side members with constant web height, hole pattern 50x50 mm, frame track at rear 834 mm

Weights [kg]					
	1st axle	2nd axle	3rd axle	4th axle	Total
Technically permissible weights	7500	9500	9500	-	26000
Kerb weight**	5043	1657	1657	-	8357
Payload/fifth-wheel load	2457	7843	7843	-	17643
Gross combination weight	-	-	-	-	44000
Body and payload centre of gravity ahead of rearmost axle [from - to]	1144 - 1263				

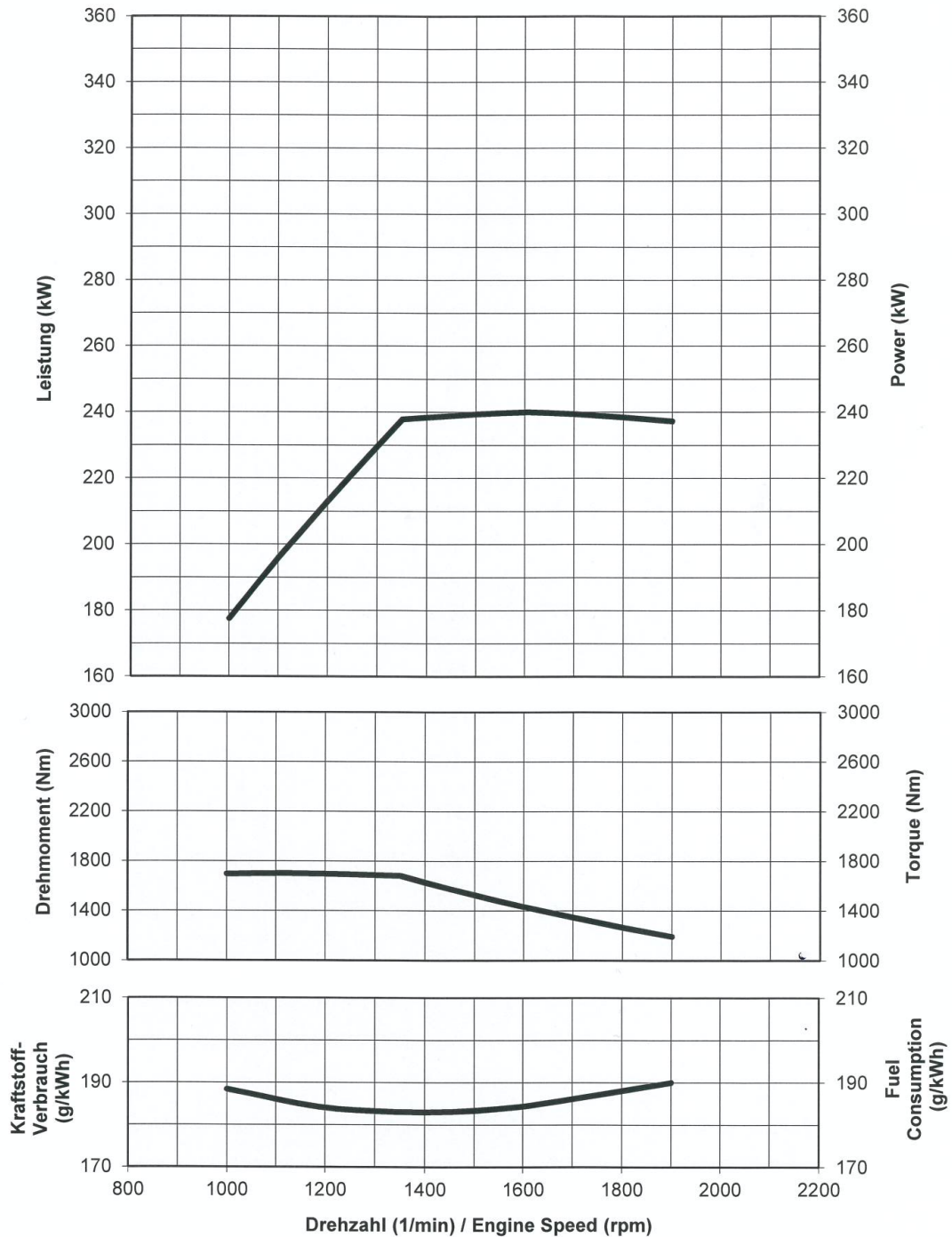
** Ready-to-drive condition as specified by European Directive 97/27/EC

Notes

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P_{\max} 240 kW bei 1600/min, 595/2009/EG
 Md_{\max} 1700 Nm bei 1100/min, $Md_i = 19\%$

P_{\max} 240 kW at 1600 rpm, 595/2009/EC
 L_{\max} 1700 Nm at 1100 rpm, $L_i = 19\%$

Stationäre Vollastkurven

Stationary full load curves

Leistung, Drehmoment

OM 470, Euro VI, FE1

Power, Torque

OM 470, Euro VI, FE1

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