

BRAKE COMPLIANCE GUIDELINES

(AUGUST 2018)

FUSO FIGHTER

Fuso New Zealand confirm that the following FUSO Fighter trucks sold new in New Zealand will continue to meet the specified brake standard within the allowed wheelbase range and tyre size stipulated below.

FACTORY MODEL CODE	LOCAL MODEL CODE	BRAKE STANDARD	WHEELBASE (MM) (first axle to centerline of rear axle/s)		TYRE SIZE		APPLICATION
			STANDARD	MODIFICATION RANGE	STANDARD RANGE	MODIFICATION RANGE	
FIGHTER EURO 5							
FK61FH	FK1025, FK250	ADR35/01	4270	4270 - 5540	235/75R17.5	N/A	Rigid & Tractor
FK61FK			4870				
FK61FL			5210				
FK62FHZ	4270		265/70R19.5		N/A		
FK62FLZ	5210						
FK65FLZ	5210						
FK65FMZ	FK1225, FK1425, FK1228, FK1428, FK250/280_Z		5540	4280 - 6500	11R22.5 - 275/70R22.5	11R22.5 - 255/70R22.5	
FM65FH			4280				
FM65FM			5550				
FM67FM	5550		4300 - 6530				
FN63FU	FU1828, FU2328, FU281U			6530			
FN64FU	FN1828, FN2428, FN281U			6530			
FN62FK	FN1828, FN2428, FN280K	4300					
FN62FR	FN1828, FN2428, FN280R	5650					



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NZ SERVICE BRAKE OUTPUT DATA

(SEPTEMBER 2018)

FUSO FIGHTER

[Calculation Condition]
 - Service Brake Air Pressure: 8 kgf/cm²
 - Service Brake Actual Efficiency: 0.7
 [Service Brake Power Data]

This information is applicable for
 FUSO Fighter trucks sold in New Zealand

FACTORY MODEL CODE	FK61	FK62Y	FK62Z/FK65Z	FM65/FM67 11R22.5 Tyres	FM65/FM67 275/70R22.5 Tyres	FN62	FN63	FN64
LOCAL MODEL CODE	FK1025 FK250	N/A	FK12/1425, FK12/1428, FK250/280_Z	FM1228, FM1628, FM280, FM289, FM281		FN1828, FN2428, FN280	FU1828, FU2328, FU281	FN1828, FN2428, FN281U
EMISSION STANDARD	EURO 5							
AXLE FORMULA	4x2	4x2	4x2	4x2	4x2	6x4	6x2	6x4
GVW (KG)	10600	11000	14000	16000	16000	23500	23200	24000
Service Brake Air Pressure (kgf/cm ²)	8	8	8	8	8	8	8	8
Service Brake Hydraulic Pressure (kgf/cm ²)	199.6	-	-	-	-	-	-	-
Service Brake Actual Efficiency	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
Brake Drum Dia. (mm)	320	370	370	410	410	410	410	410
Front 1st	Service Brake Chamber Size (Wheel cylinder size)	(ϕ 36.51)	#20	#20	#20	#20	#20	#20
	Brake Torque Coefficient (kgfm)/(kg/cm ²)	5.5	228.6	228.6	266.2	266.2	266.2	266.2
	Tyre Size	235/75R17.5	245/70R19.5	265/70R19.5	11R22.5	275/70R22.5	11R22.5	275/70R22.5
	Tyre Dynamic Radius (m)	0.388	0.406	0.420	0.507	0.464	0.507	0.464
	Brake Power per Axle (kgf/axle)	3961	6306	6096	5881	6426	5881	6426
Rear 1st	Service Brake Chamber Size (Wheel cylinder size)	(ϕ 38.1)	#2024	#2024	#24	#24	#24	#24
	Brake Torque Coefficient (kgfm)/(kg/cm ²)	6.64	228.6	228.6	314.6	314.6	314.6	314.6
	Tyre Size	235/75R17.5	245/70R19.5	265/70R19.5	11R22.5	275/70R22.5	11R22.5	275/70R22.5
	Tyre Dynamic Radius (m)	0.389	0.407	0.421	0.508	0.465	0.508	0.465
	Brake Power per Axle (kgf/axle)	4770	6291	6082	6936	7577	6936	7577
Rear 2nd	Service Brake Chamber Size (Wheel cylinder size)	-	-	-	-	-	#24	#24
	Brake Torque Coefficient (kgfm)/(kg/cm ²)	-	-	-	-	-	314.6	314.6
	Tyre Size	-	-	-	-	-	11R22.5	275/70R22.5
	Tyre Dynamic Radius (m)	-	-	-	-	-	0.508	0.465
	Brake Power per Axle (kgf/axle)	-	-	-	-	-	6936	7577
Service Brake Power per Vehicle (kgf/Vehicle)	8731	12597	12178	12817	14003	19753	21580	21580
Brake Efficiency against GVW (%)	82	115	87	80	88	84	93	90



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