

# TECHNICAL DATA

## 04-50 TECHNICAL DATA

BRAKES TECHNICAL DATA . . . . . 04-50-1

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A3U045001020W01

Item		ZM engine	FS engine
<b>CONVENTIONAL BRAKE SYSTEM</b>			
Brake pedal	Brake pedal height (mm {in})	185 {7.28} (reference value)	
	Brake pedal play (mm {in})	4—12 {0.16—0.47}	
	Pedal-to-floor clearance (Brake pedal when depressed at 588 N {60 kgf, 132 lbf}) (mm {in})	88 {3.5} min.	84 {3.3} min.
Power brake unit	Fluid pressure (kPa {kgf/cm <sup>2</sup> , psi})	At 0 kPa {0 mmHg, 0 inHg}	650 {7, 94} min.
		At 66.7 kPa {500 mmHg, 19.7 inHg}	6,500 {66, 943} min.
Dual proportioning valve (without ABS)	Switching point (kPa {kgf/cm <sup>2</sup> , psi})	2,900 {30, 430} ±200 {2, 30}	3,400 {35, 500} ±300 {3, 40}
	Rear wheel pressure when master cylinder pressure is 5900 kPa {60 kgf/cm <sup>2</sup> , 850 psi} (kPa {kgf/cm <sup>2</sup> , psi})	3,800 {39, 550} ±300 {3, 40}	4,200 {42.5, 600} ±400 {4, 60}
Front disc brake	Minimum disc pad thickness (mm {in})	1.5 {0.059}	2.0 {0.079}
	Minimum disc plate thickness (mm {in})	20 {0.78}	22 {0.87}
	Disc plate runout limit (mm {in})	0.05 {0.002}	
Rear disc brake	Minimum disc pad thickness (mm {in})	—	1.0 {0.039}
	Minimum disc plate thickness (mm {in})		8 {0.31}
	Disc plate runout limit (mm {in})		0.05 {0.002}
Rear drum brake	Maximum brake drum diameter (mm {in})	201.5 {7.933}	—
	Minimum lining thickness (mm {in})	1.0 {0.039}	
	Clearance between shoe and drum	Automatic adjuster	
Brake fluid	Type	SAE J1703 or FMVSS 116 DOT3	
<b>PARKING BRAKE SYSTEM</b>			
Parking brake lever	Lever stroke when pulled at 98 N {10 kgf, 22 lbf} (notches)	5—7	

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