



CRANKSHAFT/TRANSMISSION/BALANCER

Unit: mm

ITEM		STANDARD	SERVICE LIMIT	
Connecting rod	Side clearance	0.10 – 0.35	0.45	
	Radial clearance	0 – 0.008	0.05	
Connecting rod small end I.D.		14.010 – 14.028	14.038	
Crankshaft	Runout	–	0.03	
Transmission	Gear I.D.	M4	20.000 – 20.018	–
		M5	17.000 – 17.018	–
		C1	20.500 – 20.521	–
		C2	23.020 – 23.041	–
		C3	20.020 – 20.038	–
	Gear bushing O.D.	C1	20.459 – 20.480	–
		C2	22.984 – 23.005	–
	Gear bushing I.D.	C1	17.000 – 17.018	–
		C2	20.020 – 20.041	–
	Mainshaft O.D.	at M4	19.968 – 19.980	–
		at M5	16.968 – 16.980	–
Countershaft O.D.	at C1	16.966 – 16.984	–	
	at C2	19.978 – 19.989	–	
	at C3	19.988 – 20.000	–	
Shift fork, fork shaft	Fork I.D.	10.000 – 10.018	–	
	Fork shaft O.D.	9.986 – 9.995	–	
	Claw thickness	4.93 – 5.00	4.83	

FRAME & CHASSIS SPECIFICATIONS

FRONT WHEEL/SUSPENSION/STEERING

Unit: mm

ITEM		STANDARD	SERVICE LIMIT
Cold tire pressure	Driver only	200 kPa	–
	Driver and passenger	200 kPa	–
Axle runout		–	0.2
Wheel rim runout	Radial	–	2.0
	Axial	–	2.0
Wheel balance weight		–	60 g maximum
Fork	Recommended fork fluid	MX4#	–
	Fluid level	70	–
	Fluid capacity	395 cm ³	–

REAR WHEEL/BRAKE/SUSPENSION

Unit: mm

ITEM		STANDARD	SERVICE LIMIT
Cold tire pressure	Driver only	200 kPa	–
	Driver and passenger	225 kPa	–
Axle runout		–	0.2
Wheel rim runout	Radial	–	2.0
	Axial	–	2.0
Drive chain slack		25 – 35	50
Drive chain size/link		428HS/132L	–
Rear shock absorber adjuster standard position		Second from the softest position	–