

TECHNICAL BULLETIN

MOTORCYCLE

DATE 5-25-84

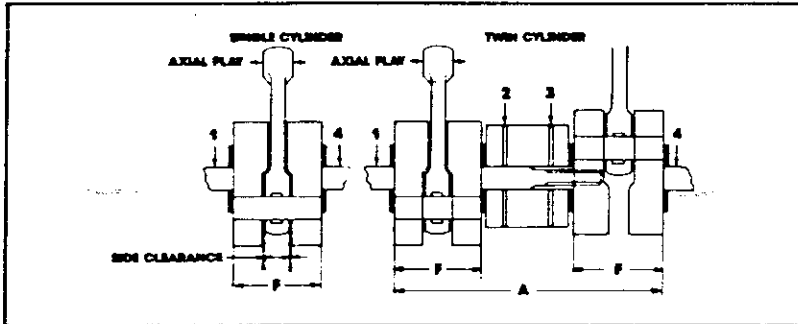
BY M84-023

1983 MODELS CRANKSHAFT DATA

MEASUREMENT METHODS

1. Runout is measured with the crankshaft supported at both ends by centers.

2. Axial play is measured at the small end of the rod. Use a dial indicator following the instructions in the appropriate service manual.



MODEL	MAXIMUM ALLOWED DEFLECTION				FLYWHEEL WIDTHS		ROD CLEARANCE			
	1	2	3	4	F	A	AXIAL		SIDE	
							NEW	MAX	MAX	MIN
IT490K	0.03			0.03	66°		0.7~1.5	2.0	0.75	0.25
IT250K	0.03			0.03	62°		0.4~1.0	2.0	0.75	0.25
IT175K	0.03			0.03	55.95°		0.8~1.0	2.0	0.7	0.2
MX100K	0.03			0.03	49.95°		0.8~1.0	2.0	0.8	0.2
PW80K	0.03			0.03	47.95°		0.8~1.0	2.0	0.8	0.3
PW50K	0.03			0.03	38°		0.4~0.8	2.0	0.55	0.35
YZ490K	0.03			0.03	66°		0.4~1.0	2.0	0.75	0.25
YZ250K	0.03			0.03	62°		0.4~1.0	2.0	0.75	0.25
YZ125K	0.03			0.03	59.95°		0.8~1.0	2.0	0.7	0.2
YZ100K	0.03			0.03	55.95°		0.8~1.0	2.0	0.7	0.2
YZ80K	0.03			0.03	44.95°		0.5~1.2	2.0	0.7	0.2
YZ60K	0.03			0.03	44.95°		0.5~1.2	2.0	0.7	0.2
TZ250K	0.03			0.03	53.5°	168.5	NA	NA	0.75	0.25

+0 -0.05

+0.05 -0.10

+0 -0.3

NA = Information Not Available

MODEL	MAXIMUM ALLOWED DEFLECTION				FLYWHEEL WIDTHS		ROD CLEARANCE			
	1	2	3	4	F	A	AXIAL		SIDE	
							NEW	MAX	MAX	MIN
STREET										
XS650SK	0.05	0.05	0.05	0.05	66°	166°	0.8~1.0	2.0	0.4	0.15
RX50K	0.03			0.03	37.95°		0.8~1.0	2.0	0.5	0.4
RX50K (Intercontinental)	0.03			0.03	37.95°		0.8~1.0	2.0	0.5	0.4
CF50K	0.03			0.03	38°		0.4~0.8	2.0	0.55	0.35

OFF ROAD/COMPETITION

IT600K	0.03			0.03	75°		NA	NA	0.75	0.25
XT550K	0.03			0.03	75°		0.8~1.0	2.0	0.75	0.25
XT250K	0.03			0.03	59°		0.8~1.0	2.0	0.65	0.35
XT250KC	0.03			0.03	59°		0.8~1.0	2.0	0.65	0.35
XT200K	0.03			0.03	55.95°		0.8~1.0	2.0	0.65	0.35
XT200KC	0.03			0.03	55.95°		0.8~1.0	2.0	0.65	0.35
XT125K	0.03			0.03	55.95°		0.8~1.0	2.0	0.65	0.35
XT125KC	0.03			0.03	55.95°		0.8~1.0	2.0	0.65	0.35
DF100K	0.03			0.03	49.95°		0.8~1.0	2.0	0.7	0.2
DF80K	0.03			0.03	37.95°		0.8~1.0	2.0	0.8	0.2

SERVICE COPY	SER MGR	MECH	MECH	MECH	INDEX
OFFICE COPY	GEN MGR	SALES	PARTS	INDEX	PAGE 1 OF 2