

STEERING

SERVICE DATA

SSOMY-06

DRIVE BELT		
Drive belt deflection	New belt	5.5 – 7.0 mm (0.217 – 0.276 in.)
	Used belt	7.0 – 9.0 mm (0.276 – 0.354 in.)
*Drive belt tension	New belt	441 – 539 N (45 – 55 kgf)
	Used belt	196 – 343 N (20 – 35 kgf)
POWER STEERING FLUID		
Fluid level rise	Maximum	5 mm (0.20 in.)
Fluid pressure at idle speed with valve closed	Minimum	6,374 kPa (65 kgf/cm ² , 925 psi)
STEERING WHEEL		
Steering wheel freeplay	Maximum	30 mm (1.18 in.)
Steering effort at idle speed		4.2 – 5.4 N·m (43 – 55 kgf·cm, 37 – 48 in.lbf)
POWER STEERING VANE PUMP		
Vane pump rotating torque		0.2 N·m (2.5 kgf·cm, 2.2 in.lbf) or less
Vane pump shaft and front housing bushing oil clearance	STD	0.01 – 0.03 mm (0.0004 – 0.0012 in.)
	Maximum	0.07 mm (0.0028 in.)
Vane plate height	Minimum	8.1 mm (0.319 in.)
Vane plate thickness	Minimum	1.797 mm (0.0707 in.)
Vane plate length	Minimum	14.988 mm (0.5901 in.)
Vane plate and vane pump rotor groove clearance	Maximum	0.03 mm (0.0012 in.)
Vane plate length	Pump rotor and cam ring mark	
	None	14.996 – 14.998 mm (0.59039 – 0.59047 in.)
	1	14.994 – 14.996 mm (0.59032 – 0.59039 in.)
	2	14.992 – 14.994 mm (0.59024 – 0.59032 in.)
	3	14.990 – 14.992 mm (0.59016 – 0.59024 in.)
	4	14.988 – 14.990 mm (0.59008 – 0.59016 in.)
Spring free length	Minimum	36.0 mm (1.417 in.)
POWER STEERING GEAR		
Steering rack runout	Maximum	0.15 mm (0.0059 in.)
Total preload	Turning	1.15 – 1.95 N·m (11.7 – 19.9 kgf·cm, 10.2 – 17.3 in.lbf)

* For use with belt tension gauge