

STEERING

SERVICE DATA

SS0MY-13

DRIVE BELT		
Drive belt tension	New belt	140 – 180 lbf
Drive belt tension	Used belt	80 – 120 lbf
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	Maximum	7.8 N·m (80 kgf·cm, 69 in.lbf)
POWER STEERING VANE PUMP		
Vane pump rotating torque		0.2 N·m (2.5 kgf·cm, 2.2 in.-lbf) or less
Rotor shaft x Bushing oil clearance	STD	0.03 – 0.05 mm (0.0012 – 0.0020 in.)
Rotor shaft x Bushing oil clearance	Maximum	0.07 mm (0.0028 in.)
Vane plate height	Minimum	8.6 mm (0.339 in.)
Vane plate thickness	Minimum	1.397 mm (0.05500 in.)
Vane plate length	Minimum	14.991 mm (0.59020 in.)
Vane plate x Rotor groove clearance	Maximum	0.035 mm (0.00138 in.)
Vane plate length	Pump rotor and cam ring mark	
	None	14.999 – 15.001 mm (0.59051 – 0.59059 in.)
	1	14.997 – 14.999 mm (0.59043 – 0.59051 in.)
	2	14.995 – 14.997 mm (0.59035 – 0.59043 in.)
	3	14.993 – 14.995 mm (0.59027 – 0.59035 in.)
	4	14.991 – 14.993 mm (0.59020 – 0.59027 in.)
Spring free length	Minimum	33 mm (1.30 in.)
POWER STEERING GEAR		
Steering rack runout	Maximum	0.30 mm (0.0118 in.)
Control valve x Rack housing busing oil clearance	STD	0.050 – 0.083 mm (0.00197 – 0.00327 in.)
Control valve x Rack housing busing oil clearance	Maximum	0.125 mm (0.00492 in.)
Total preload	Turning	0.8 – 1.4 N·m (8 – 14 kgf·cm, 6.9 – 12.2 in.-lbf)