Self-Inspection Report

Inspection Date: November 10, 2025

Model：33211	Precision grade：P6ZV1			Overall dimensions:d*D*T：55*100*35		
Inspection items	Standard value Unit：mm	Measured value				
		1	2	3	4	5
ΔDmp	0~-0.013	-0.006	-0.006	-0.007	-0.008	-0.008
VDp	≦0.013	0.003	0.004	0.003	0.003	0.004
VDmp	≦0.010	0.003	0.004	0.003	0.004	0.003
Δdmp	0~-0.012	-0.006	-0.006	-0.007	-0008	-0.007
Vdp	≦0.012	0.003	0.004	0.003	0.004	0.003
Vdmp	≦0.009	0.004	0.005	0.003	0.004	0.003
Kia	≦0.010	0.007	0.006	0.006	0.006	0.008
Kea	≦0.018	0.010	0.014	0.012	0.012	0.013
ΔTs	+0.200~0	0.090	0.110	0.090	0.100	0.110
ΔBs	0~-0.150	-0.045	-0.055	-0.055	-0.030	-0.040
VBs	≦0.015	0.005	0.006	0.006	0.005	0.004
ΔCs	0~-0.150	-0.055	-0.045	-0.040	-0.045	-0.035
VCs	≦0.015	0.006	0.005	0.004	0.004	0.004
Residual magnetism	≦0.6mT	0.3	0.3	0.4	0.3	0.4
Rotational flexibility		Qualified	Qualified	Qualified	Qualified	Qualified
Appearance quality		Qualified	Qualified	Qualified	Qualified	Qualified
Rolling element specifications:12.340*25.77*3°50′				Precision grade：Ⅲ		
VDwp	2.00	≦1.50				
△2ϕ	±3.00	+1.00~-2.00				
△Cir	2.00	≦1.20				
SDw	6.50	≦3.00				
δ	4~7	4~5				
End face Ra	0.32	≦0.160				

Outer diameter Ra	0.16	≦0.125	
HRC	61~66	62.5~63.5	
Metallographic structure	Microstructure 2~4		2~3
	Carbide network structure≦2.5		≦2.0