

TS-26A2049

Ball Screw specifications :

Parameter	Unit	Drawing NO.:1SP12012472
Nominal Screw Diameter	mm	63
Pitch	mm	12
Drive		R.H.
No. of Circuits		5 (2)
Ball Diameter	mm	7.938
Quality Grade		C5
Maximum Admissible Lead error V300p:	mm	0.018
ep:	mm	±0.115
Thread length	mm	3363
Total length	mm	4478
Dynamic load rating	N	133900
Static load rating	N	383360
Axial preload	N	6695
Dynamic preload torque without wipers at 100 rpm	Nm	0.98 - 1.8
Stiffness Rnu	N/μm	824
Axial Play	mm	Zero
Screw Material		50 Cr Mo4
Nut Material		En 353
Ball Material		100 Cr 6
Ball Track hardness Screw	HRC	58- 62
Ball Track hardness Nut	HRC	58- 62
Screw nut assembly runout tolerances		
Radial Runout on Nut OD		0.027
Perpendicularity of Nut flange face		0.017
Total Radial Runout on Screw Shaft		0.240
Radial Runout of journal Dia w.r.t.Bearing Dia.		0.013
Radial Runout of Bearing Dia w.r.t shaft end Dia.		0.030
Perpendicularity of Bearing face		0.007