

TECHNICAL DATA SHEET | Performance

V-GROOVE GUIDE ROLLERS WITHOUT STUD



Order no.			Max. radial load (roller)		Max. axial load (roller)
	Diameter		Dynamic	Static	Static
	Diameter	Width			
	[mm]	[mm]	[N]	[N]	[N]

TPVA62	90	40	48390	33940	20330
TPVA125	165	71	148070	216290	108140

TECHNICAL DATA SHEET | Dimensions

V-GROOVE GUIDE ROLLERS WITHOUT STUD



Order no.	Roller		Tread width	V-groove		Bore Ø	Shoulder		Bearing type	Roller bearing load capacity				Weight
	Ø	Width		Theoret. Min Ø	Mounting width		Ø	Length		Radial		Axial		
	A	B	E	F	G	P	R	S		3000h L10 @	500h L10 @3	Max. stat. load	Max. stat. load	
	±0.4	+0.00 /-0.38	±0.4	±0.5	+0.00/-0.26	+0.00/-0.02	±0.4	+0.00 /-0.38		100 rpm	3.3 rpm			
	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]		[N]	[N]	[N]	[N]	[kg]

TPVA40	60	23	22	40	11.5	10	22.0	0.5	Kugel Taper	3140	8220	3460	2140	0.46
TPVA50	75	33	32	50	16.5	15	28.0	0.5	Kugel Taper	5780	15140	8070	4980	0.96
TPVA62	90	40	38	62	20.0	20	32.0	1.0	Kugel Taper	20300	48390	33940	20330	1.27
TPVA62-2	90	40	38	62	20.0	20	32.0	1.0	Kugel Taper	6930	18170	10590	6540	1.27
TPVA76	110	46	44	76	23.0	25	44.5	1.0	Kugel Taper	26670	63480	88960	53380	2.21
TPVA100	140	56	54	100	28.0	30	57.2	1.0	Kugel Taper	32870	78240	120990	58270	5.08
TPVA125	165	71	68	125	35.5	45	82.6	1.5	Kugel Taper	62210	148070	216290	108140	8.52
TPVA150	190	73	70	150	36.5	55	88.9	1.5	Kugel Taper	66990	159430	250880	126380	13.79
TPVA200	240	79	76	200	39.5	70	108.0	1.5	Kugel Taper	79300	188740	325740	162870	29.60
TPVA250	290	79	76	250	39.5	70	108.0	1.5	Kugel Taper	79300	188740	354970	199360	56.52

Email: sales@tea-hamburg.de

Phone: +49 [40] 5388921-11

Subject to misprints, dimensional and design changes.

