

TECHNICAL DATA SHEET | Performance

V-GROOVE GUIDE ROLLERS WITH ECCENTRIC STUD



Order no.			Max. radial load (roller)		Max. axial load (roller)	
	Diameter		Dynamic	Static	Dynamic	Static
	Diameter	Width				
	[mm]	[mm]	[N]	[N]	[N]	[N]
TPVE62	90	44.5	23100	10100	14200	6850
TPVE62-1	90	44.5	23100	10100	14200	6850
TPVE76	120	50.5	63500	89000	25700	53400
TPVE125	165	76	148100	168800	58500	144600

TECHNICAL DATA SHEET | Dimensions

V-GROOVE GUIDE ROLLERS WITH ECCENTRIC STUD



Order no.	Roller		V-groove		Stud		Thread		Centr. collar and	Eccentric				Hex socket	Housing bore	Weight
	Ø	Width	Ø	Thickness	Ø	Length	Length	Size	Ø	Length	Ø	Length	Eccentricity			
	A	B	F	G	K	L	M	N	R	S	T	U	W	X	Ø	
	±0.4	±0.4	±0.05	±0.26	+0.00/-0.02	±0.4	±0.4			±0.4	+0.00/-0.05	+0.00/-0.25		+0.02/-0.00		
	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]		[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[kg]

TPVE26	40	20.0	26	10.0	10	23.0	13.0	M10x1.0	17.1	0.8	13.00	10.00	0.5	4	13.02	0.26
TPVE32	50	22.0	32	11.0	12	25.0	14.0	M12x1.5	17.5	0.8	15.00	11.00	0.5	4	15.02	0.30
TPVE40	60	33.0	40	17.0	14	40.0	24.0	M14x2.0	28.5	1.6	22.00	16.00	1.0	8	22.02	0.48
TPVE62	90	44.5	62	23.0	24	58.0	38.0	M24x3.0	43.0	1.6	28.00	20.00	1.5	8	28.02	1.51
TPVE62-1	90	44.5	62	23.0	24	49.5	27.5	M24x1.5	43	1.6	28.00	22.00	1.0	8	28.02	1.48
TPVE76	120	50.5	76	26.0	24	70.0	41.0	M24x1.5	50.0	1.6	35.00	29.00	1.5	8	35.02	2.67
TPVE100	140	50.5	100	26.0	24	70.0	41.0	M24x1.5	50	1.6	35.00	29.00	1.5	8	35.02	4.04
TPVE125	165	76.0	125	37.8	48	105.0	55.0	M48x5.0	82.5	1.6	64.00	50.00	1.5	12	64.02	10.47

