

Ball Screw Assemblies 50

Nomina I-Ø	pitch	RE / LI	Ball-Ø	Turns	Double nut / Pitch shift nut				Single nut				shaft outer Ø	shaft core Ø	Nut dimensions				Flange width DIN	JenaTec ⁺
					Capacities		Stiffness	Drag torque	Capacities		Stiffness	Drag torque			Nut min body Ø	Double nut	pitch shift nut	single nut		
					dyn.	stat.	Rnu		Ca [kN]	Coa [kN]	[N/µm]									
do	Ph		Dw	i	Ca [kN]	Coa [kN]	[N/µm]	Mr [Nm]	Ca [kN]	Coa [kN]	[N/µm]	Mr [Nm]	d1(h6)	d2	D1(g6)	L2	L2	L2	L4	
50	20	R	7,144	2	40,5	86,0	670	0,6...1,0	33,0	68,0	460	0,26...0,40	48	42,7	75	147	134	83	16	x
50	20	R	7,144	3	57,0	129,5	1000	0,9...1,4	47,0	102,0	680	0,37...0,57	48	42,7	75	187	174	103	16	a.A.
50	20	R	7,144	4	73,0	172,5	1310	1,1...1,8	60,0	136,0	890	0,48...0,72	48	42,7	75	227	-	123	16	
50	20	R	7,144	5	89,0	215,5	1620	1,4...2,2	73,0	170,0	1110	0,58...0,88	48	42,7	75	267	-	143	16	
50	20	R	7,144	6	104,0	258,5	1930	1,6...2,6	85,5	204,0	1320	0,68...1,02	48	42,7	75	307	-	163	16	
50	20	RL	9	2	53,5	104,0	680	0,8...1,4	44,0	82,0	460	0,35...0,53	48	40,8	85	145	130	83	16	x
50	20	RL	9	3	76,0	156,0	1000	1,2...1,8	62,5	123,5	680	0,50...0,76	48	40,8	85	185	170	103	16	a.A.
50	20	RL	9	4	97,0	208,5	1320	1,5...2,4	80,0	164,5	900	0,64...0,96	48	40,8	85	225	-	123	16	
50	20	RL	9	5	118,0	260,5	1640	1,9...2,9	97,0	205,5	1110	0,77...1,17	48	40,8	85	265	-	143	16	
50	20	RL	9	6	138,0	312,5	1950	2,2...3,4	113,5	246,5	1330	0,90...1,36	48	40,8	85	305	-	163	16	
50	30	R	7,144	2	40,0	85,5	670	0,6...1,0	33,0	67,0	460	0,26...0,40	48	42,7	75	190	-	100	16	
50	30	R	7,144	3	56,5	128,1	990	0,9...1,4	46,5	101,0	670	0,36...0,56	48	42,7	75	250	-	130	16	

