



## Interroll Belt Drive 113E – Ø 113 mm – 3-phase

Motor			Gear stages	Gear ratio i	Nominal belt speed at full load and 50Hz [m/s]	Torque [Nm]	Belt pull [N]	Max. belt tension T <sub>1</sub> + T <sub>2</sub> [N]	Min. roller length RL [mm]
Power [kW/HP]	No. of poles	Full load current i <sub>f</sub> 400V/50Hz [A]							
0.09/0.12	8	0.64	3	69	0.06	82	1451	4500	300
				52	0.08	62	1093		
				39	0.10	46	820		
				32	0.13	38	673		
0.25/0.34	4	0.68	3	52	0.16	86	1514	4500	300
				39	0.21	64	1136		
				32	0.25	53	932		
				25	0.32	41	728		
			2	20	0.40	34	601	3800	300
				16	0.50	27	481		
				13	0.62	22	391		
				11	0.73	19	331		
0.37/0.5	4	1.2	3	39	0.21	95	1681	4500	300
				32	0.25	78	1379		
				25	0.32	61	1077		
				20	0.40	50	889		
			2	16	0.50	40	712	3800	300
				13	0.62	33	578		
				11	0.73	28	489		
0.37/0.5	2	0.89	3	52	0.31	63	1120	4500	300
				39	0.41	47	840		
				32	0.50	39	689		
				25	0.65	30	538		
			2	20	0.81	25	444	3800	300
				16	1.01	20	356		
				13	1.24	16	289		
				11	1.47	14	244		
0.55/0.75	2	1.23	3	39	0.41	71	1248	4500	300
				32	0.50	58	1024		
				25	0.65	45	800		
				20	0.81	37	640		
			2	16	1.01	30	528	3800	300
				13	1.24	24	429		
				11	1.47	21	363		

The maximum allowable belt tension of idler pulleys is always according to the corresponding belt drive values in the tables.