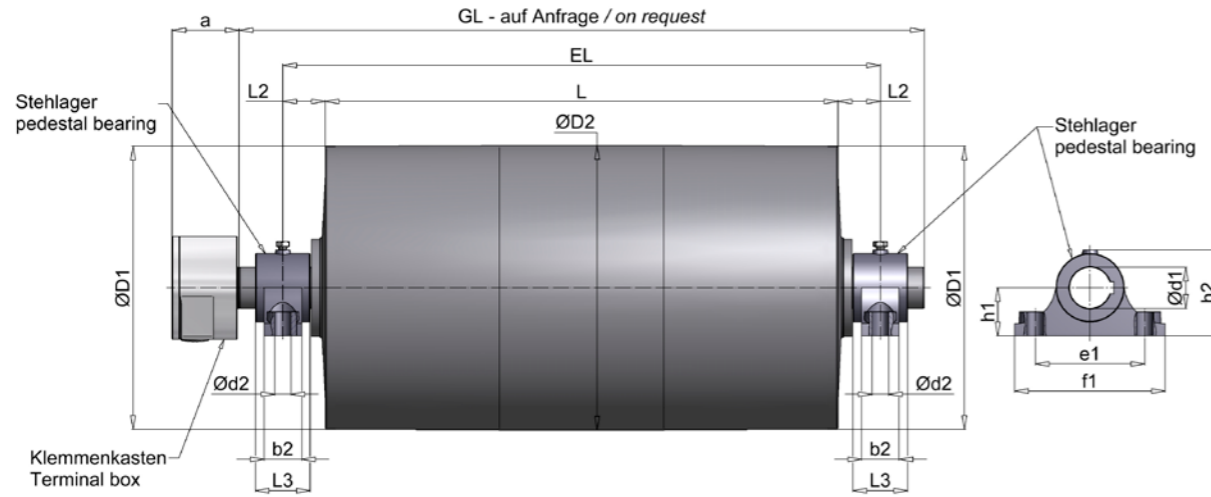


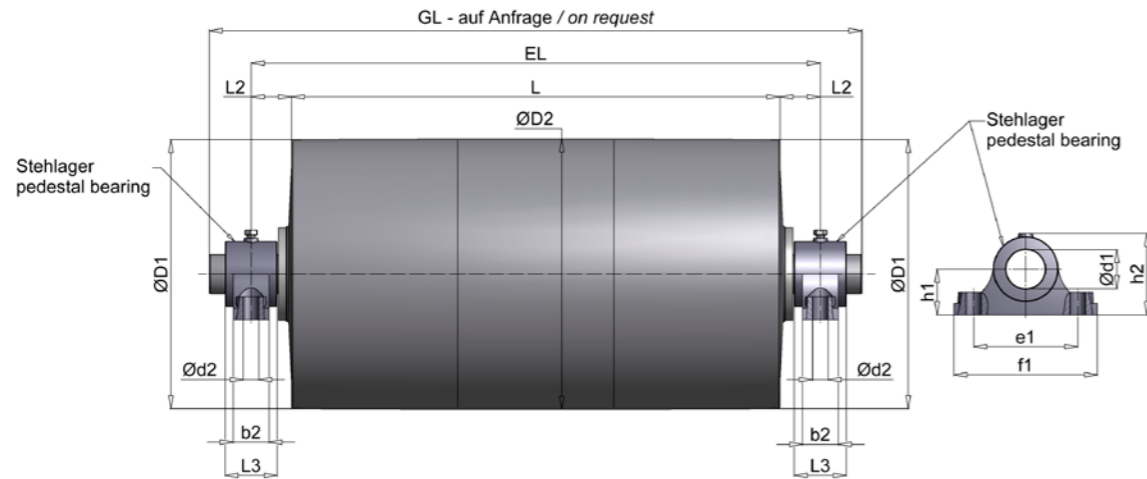
| MODEL SERIES TM800

MODEL SERIES TM800

Drum motor TM800, standard



deflection drum UT800, standard



all dimensions in mm

HIMMEL® drum motor														IP66	IP67
Size	Type	Ø D1	Ø D2	a	b2	Ø d1	Ø d2	e1	f1	h1	h2	L2	L3	EL	EL
800	TM800.0	796	800	165	80	90	26	250	320	100	183	150	117		L + 300
800	TM800.1	796	800	200	120	120	33	300	370	110	213	150	160		L + 300

HIMMEL® deflection drum															
Size	Type	Ø D1	Ø D2		b2	Ø d1	Ø d2	e1	f1	h1	h2	L2	L3		
800	UT800.0	626	630		80	90	26	250	320	100	183	150	117		L + 300
800	UT800.1	626	630		120	120	33	300	370	110	213	150	160		L + 300

- Deviating performance data and speeds on request
- Weight incl. oil filling (ready for operation)
- Additional weight: approx. 25 kg for 100 mm additional length

Standard widths [L] : 950, 1000, 1050 ... 2000 mm from 2000 mm reinforced version.

For versions and options see TM630

MODEL SERIES TM800

Overview of services type TM800

Type	Performance	Speed	Rotational speed	Belt tension	Drum torque	Power consumption at 400 V / 50 Hz	Drum length L min.	Weight
	P2	v	n2	F	T2			
	[kW]	[m/s]	[1/min]	[N]	[Nm]	[A]	[mm]	[kg]
TM800.0	22,00 8-pole	1,25	30	16720	6688	42	950	935
		1,60	38	13058	5223			
		2,00	48	10445	4178			
		2,50	60	8358	3343			
		3,15	75	6633	2653			
TM800.0	30,00 8-pole	1,60	38	17805	7122	56	950	975
		2,00	48	14245	5698			
		2,50	60	11395	4558			
		3,15	75	9043	3617			
TM800.0	37,00 6-pole	2,00	48	17575	7030	70	950	975
		2,50	60	14055	5622			
		3,15	75	11155	4462			
		4,00	96	8783	3513			
TM800.0	45,00 4-pole	3,15	75	13565	5426	84	950	995
		4,00	96	10683	4273			
TM800.0	55,00 4-pole	3,15	75	14581	6584	95	950	995
		4,00	96	13058	5223			
TM800.1	8-pole	1,00	24	54974	20884	95	1300	2390
		1,25	30	41300	16707			
		1,60	38	32630	13052			
	55,00 6-pole	2,00	48	26125	10450		1150	2150
		2,50	60	20900	8360			
		3,15	75	16588	6635			
		4,00	96	13063	5225			
		4,50	108	11610	4644			
TM800.1	75,00 6-pole	1,25	30	56318	22527	134	1300	2390
		1,60	38	46240	18496			
		2,00	48	35610	14244		1150	2150
		2,50	60	28488	11395			
		3,15	75	22610	9044			
		4,00	96	17805	7122			
		4,50	108	15828	6331			
TM800.1	90,00 6-pole	1,60	38	52953	21181	158	1550	2575
		2,00	48	46240	18496			
		2,50	60	34185	13674		1400	2200
		3,15	75	27130	10852			
		4,00	96	21365	8546			
		4,50	108	18993	7597			
TM800.1	110,00 4-pole	2,00	48	54789	21915	196	1550	2575
		2,50	60	44984	17994			
		3,15	75	33160	13264		1400	2175
		4,00	96	26113	10445			
		4,50	108	23163	9265			
TM800.1	132,00 4-pole	2,50	60	53981	21592	238	1550	2615
		3,15	75	37882	15153			
		4,00	96	31338	12535		1400	2215
		4,50	108	27855	11142			