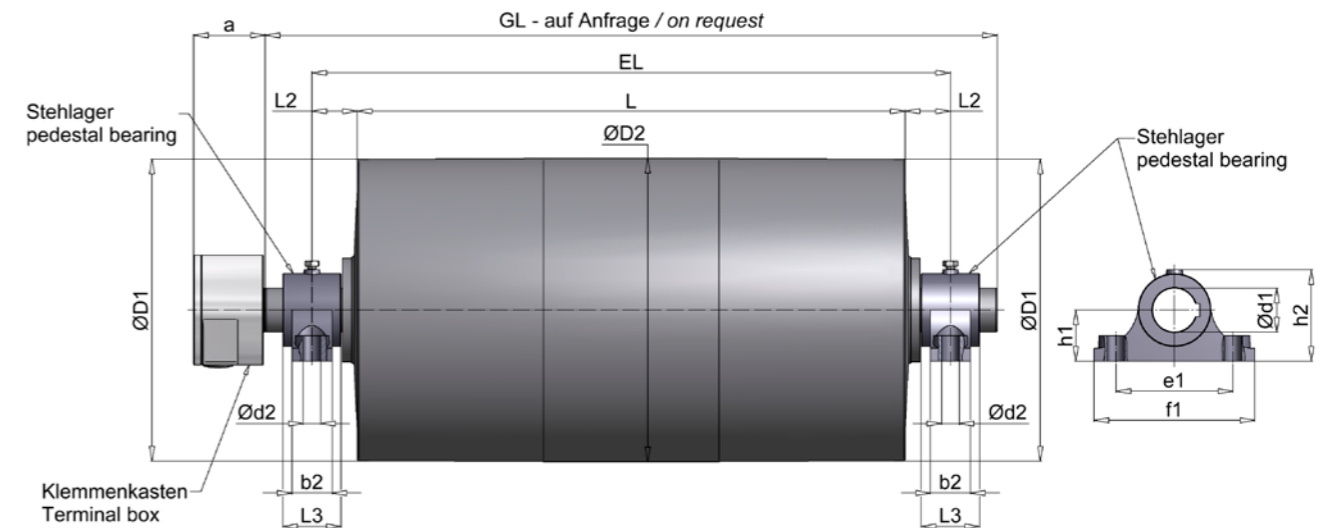


## MODEL SERIES TM1000

### Drum motor TM1000



HIMMEL <sup>®</sup> drum motor													IP66 / IP67	
Size	Type	Ø D1	Ø D2	a	b2	Ø d1	Ø d2	e1	f1	h1	h2	L2	L3	EL
1000	TM1000.0 TM1000.1	1014	1020	218	130	203	50	560	717	215	412	215	208	L + 430

# MODEL SERIES TM1000

## Overview of services

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			L=950 mm
	[kW]	[m/s]	[1/min]	[N]	[Nm]			[A]
TM1000.1	160,00 6-pole	1,60	30	89280	45540	293	1450	4520
		2,00	37	71200	36310			
		2,50	47	59530	30360			
TM1000.0	160,00 4-pole	3,15	59	47800	24400	271	1400	4315
		3,60	67	41240	21030			
		4,50	84	32890	16770			
		5,50	103	27500	14020			
		6,50	122	22170	11310			
		7,80	146	19110	9740			
TM1000.1	200,00 4-pole	8,50	159	17390	8870	345	1450	4520
		9,50	178	15180	7740			
		2,00	37	89000	45390			
		2,50	47	74410	37950			
		3,15	59	60010	30600			
		3,60	67	51720	26830			
TM1000.0	250,00 4-pole	4,00	75	47060	24000	449	1500	4700
		4,50	84	41110	20960			
		5,50	103	34370	17530			
		6,50	122	27720	14130			
		7,80	146	23890	12180			
		8,50	159	21740	11089			
TM1000.0	250,00 4-pole	9,50	178	18970	9670	449	1350	4435
		2,50	47	93010	47430			
		3,15	59	75010	38250			
		3,60	67	64650	32970			
		4,00	75	58830	30000			
		4,50	84	51390	26200			
TM1000.0	250,00 4-pole	5,50	103	42950	21900	449	1350	4435
		6,50	122	34650	17650			
		7,80	146	29860	15230			
		8,50	159	27170	13850			
		9,50	178	23710	12000			

- Deviating performance data and speeds on request
- Weight incl. oil filling (ready for operation)
- Additional weight: approx. 130 kg on 100 mm additional length

Standard widths [L] : 1250, 1300, 1350 ... 2500 mm

# MODEL SERIES TM1000

## Execution types and options

Standard version
<ul style="list-style-type: none"> <li>• Spherically turned steel shell + ceramic coating</li> <li>• Screwed bearing end caps made of steel or gray cast iron</li> <li>• IP 66/67</li> <li>• Clamping spigot made of steel</li> <li>• spur gear with steel gearing (low noise)</li> <li>• Cast iron terminal box</li> <li>• Cast steel eye bearings (mounted on the product as standard)</li> <li>• Thermal contacts</li> <li>• Color RAL 7001</li> </ul>

Optionen
<ul style="list-style-type: none"> <li>• Backstop</li> <li>• Equipped with brake shaft for external brake</li> </ul> <p>Other versions available on request.</p>



Drum motors in the bulk goods sector