

# DIRECT TORQUE MOTOR

series

# ACT

The high inertia torque motor  
*with* OUTER ROTOR

HIGH  
PRECISION

HIGH  
DYNAMIC  
STIFFNESS

TYPICAL  
APPLICATIONS:

- PRINTING ROLLS
- INDEXER TABLES



**Parker**

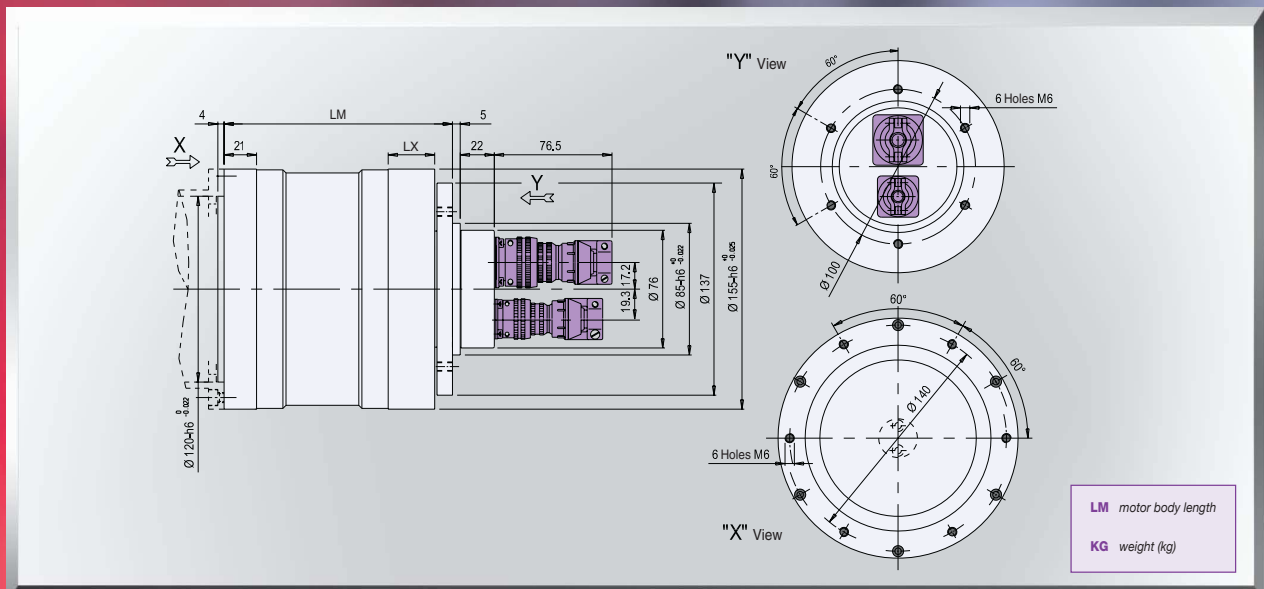
Divisione  
**S.B.C.**



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## TECHNICAL SPECIFICATIONS

Size	Stall Torque $T_{065^{\circ}\text{C}}$ [Nm]	Max Stall Torque $T_D$ [Nm]	Inertia $J_m$ [10 <sup>-4</sup> kgm <sup>2</sup> ]	Nominal speed $\varnothing$ [rpm]	Torque at nominal speed $T_{n65^{\circ}\text{C}}$ [Nm]	Torque constant $K_t$ [Nm/Arms]	FCEM at 1000 rpm $V_{1000}$ [Vrms]	Resistance phase-phase $R$ [ $\Omega$ ]	Phase-phase inductance $L$ [mH]	Voltage rating $V_n$ [Vrms]	
400V											
ACT 155	15	15	47	34,4	200	13,4	20,78	1260	100	180	252
	22	22	70	40	200	19,8	20,78	1260	56	115	354
	30	30	95	46,4	200	27,7	20,78	1260	50	94	325



## MECHANICAL DIMENSIONS

Model	Size	LM	LX	KG
ACT 155	15	147,5	30	14
	22	177,5	30	17
	30	225,5	34	21

Dimensions are in millimeter

## AVAILABLE OPTIONS

MODEL	Interconnection connectors	Feedback
ACT 155	•	Resolver, SinCos, Absolute Encoder