

Technical data sheet – EC 2-7 A

Technical changes reserved – Status 03/2023

Input torque, max.	$T_{\max.} =$	102 Nm
Input revolutions	$n =$	1.000, 1.200, 1.500 rpm
Efficiency	$\eta \geq$	96%
Oil quantity:	$V =$	approx. 3,2 liters
Average temperature in oil bath	$T =$	30 - 35 Kelvin above ambient temperature
Oil change intervals	$t =$	up to 40.000 operating hours
Lifetime gearing		Lifetime durability
Lifetime bearings with equivalent load factor	$t =$ $p_{\text{equiv.}} =$	146.000 operating hours 0,78 x nominal power
Sound pressure level	$L_p =$	60 dB (A) @ 1.000 rpm (25% load)
Ratios	$i =$	13,502
Escalator speed	$v =$	0,5 bis 0,75 m/s
Versions		Single drive unit left suitable for escalators and moving walks
Position in the machine room		Left (seen from the lower landing platform)

Safety requirements fulfilled	DIN EN 115-1: 2017
Maximum motor power operate with frequency inverter	max. 10.5kW @ 1.000rpm max. 15,7kW @ 1.500rpm max. 12,6kW @ 1.200rpm
Output gear	module 6 helix angle 10° right hand number of teeth 20
Brake	2-fold brake 4-fold brake
Weight gear box, motor incl. brake drum	m = approx. 140kg depends on motor frame size 7.5kW – frame size 160 = approx. 235kg 10.5kW – frame size 180 = approx. 250kg
Monitoring function	Brake function