

Technical data sheet – EC 2-15.1 A

Technical changes reserved – Status 03/2023

Input torque, max.	$T_{\max.} =$	150 Nm
Input revolutions	$n =$	1.000, 1.200, 1.500 rpm
Efficiency	$\eta \geq$	96%
Oil quantity:	$V =$	approx. 6 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	$i =$	19,963; 16,124; 15,680; 13,510; 12,470; 10,394
Escalator speed	$v =$	0,5 bis 0,75 m/s
Versions		Single drive unit left or right Duplex drive unit (1x left and 1x right version) suitable for escalators and moving walks
Position in the machine room		Left and right (seen from the lower landing platform)

Safety requirements fulfilled	DIN EN 115-1: 2017
Maximum motor power operate with frequency inverter depends on ratio	max. 15kW @ 1.000rpm max. 22,5kW @ 1.500rpm max. 18kW @ 1.200rpm
Output gear	module 6 helix angle 20° right hand number of teeth 20
Brake	2-fold brake 4-fold brake
Weight gear box, motor incl. brake drum	m = approx. 240kg depends on motor frame size 7.5kW – frame size 160 = approx. 235kg 10.5kW – frame size 180 = approx. 250kg
Monitoring function	Brake function