# MOTOR DATA

## 1 General

Crane type SHS5t x 4,5m Hol:6m

Span 4,500 m

Crane load (SWL) 5 000 kg

Crane voltage 380 V

## 2 Hoisting motor

SH 4012-20 4/1 L2

Hoist 1

Motor code H42

Motor type 1 x H42

Synchronized speed 2 750 / 415 r/min

Duty group M5

Max. nominal power 0,7/4,5 kW

Rated power 0,7/4,5 kW

Duty factor 20/40 % ED

Starting torque (High Speed) 44,0 Nm

Starting / Nominal current (High Speed) 46,3 / 10,4 A

Power factor at starting/nominal current 0,84 / 0,92

## 3 Trolley traversing motor

Hoist 1

Motor type 1 x 8/2F12

Motor nominal/supply voltage / V

Synchronized speed / r/min

Nominal speed 2 420 / 590 r/min

Duty group M5

Nominal power 0,37/0,1 kW

Duty factor 40 / 20 % ED

Starting torque (High Speed) 3,6 Nm

Starting / Nominal current (High Speed) 3,0 / 1,2 A

## 4 Bridge traveling motor

Motor type 8/2F12

Motor voltage 380 V

Number of motors 2 ps

Synchronized speed 3 000 / 750 r/min

Nominal speed 2 420 / 605 r/min

Motor speed with nominal load 2 672 r/min

Duty group M5

Nominal power 0,37/0,09 kW

Duty factor 40 % ED

Starting torque (High Speed) 3,6 Nm

Starting current / Nominal current(High Speed) 3,4 / 1,4 A