



Interroll Belt Drive 113E – Ø 113 mm – 1-phase

| Motor | | | Gear stages | Gear ratio i | Nominal belt speed at full load and 50Hz [m/s] | Torque [Nm] | Belt pull [N] | Max. belt tension T ₁ + T ₂ [N] | Min. roller length RL [mm] |
|------------------|--------------------|---|-------------|-----------------|--|----------------|------------------|--|-------------------------------------|
| Power [kW/HP] | No. of poles | Full load current i _f 230V/50Hz [A] | | | | | | | |
| 0.25/0.34 | 4 | 2.4 | 3 | 52 | 0.15 | 86 | 1519 | 4500 | 300 |
| | | | | 39 | 0.21 | 64 | 1139 | | |
| | | | | 32 | 0.25 | 53 | 935 | | |
| | | | | 25 | 0.32 | 41 | 730 | | |
| | | | 2 | 20 | 0.40 | 34 | 603 | | |
| | | | | 16 | 0.50 | 27 | 482 | | |
| | | | | 13 | 0.62 | 22 | 392 | | |
| | | | | 11 | 0.73 | 19 | 332 | | |
| 0.25/0.34 | 2 | 1.95 | 3 | 69 | 0.23 | 57 | 1008 | 4500 | 300 |
| | | | | 52 | 0.31 | 43 | 759 | | |
| | | | | 39 | 0.41 | 32 | 569 | | |
| | | | | 32 | 0.50 | 26 | 467 | | |
| | | | | 25 | 0.64 | 21 | 365 | | |
| | | | 2 | 20 | 0.80 | 17 | 301 | | |
| | | | | 16 | 1.01 | 14 | 241 | | |
| | | | | 13 | 1.24 | 11 | 196 | | |
| | | | | 11 | 1.46 | 9 | 166 | | |
| | | | | | | | | 3800 | |

The maximum allowable belt tension of idler pulleys is always according to the corresponding belt drive values in the tables.

Weight Interroll Belt Drive 113E

Standard weight [kg] for standard roller length RL mm
(Weight increases 0.5 kg/50 mm to max. RL)

| | | | | | | | | | | | | | | | | | |
|--------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| RL | 312 | 362 | 412 | 462 | 512 | 562 | 612 | 662 | 712 | 762 | 812 | 862 | 912 | 962 | 1012 | 1062 | 1112 |
| RL | 300 | 350 | 400 | 462 | 500 | 550 | 600 | 650 | 700 | 750 | 800 | 850 | 900 | 950 | 1000 | 1050 | 1100 |
| Weight | 10.8 | 11.8 | 12.7 | 13.2 | 13.7 | 14.2 | 14.7 | 15.2 | 15.7 | 16.2 | 16.7 | 17.2 | 17.7 | 18.2 | 18.7 | 19.2 | 19.7 |

Weight Interroll Idler Pulley 113E

Standard weight [kg] for standard roller length RL mm
(Weight increases 0.4 kg/50 mm to max. RL)

| | | | | | | | | | | | | | | | | | |
|--------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|------|
| RL | 312 | 362 | 412 | 462 | 512 | 562 | 612 | 662 | 712 | 762 | 812 | 862 | 912 | 962 | 1012 | 1062 | 1112 |
| RL | 300 | 350 | 400 | 450 | 500 | 550 | 600 | 650 | 700 | 750 | 800 | 850 | 900 | 950 | 1000 | 1050 | 1100 |
| Weight | 4.0 | 4.5 | 5.0 | 5.5 | 6.0 | 6.5 | 7.0 | 7.5 | 8.0 | 8.5 | 9.0 | 9.5 | 10.0 | 10.5 | 11 | 11.5 | 12.0 |

