

Technical data for screw conveyor

Total order no. : 58473
Project : NCC Skellefteå Pellets
Customer ref. : ---
Total PIN : PIN: 58473-1-14-1
Screw type : S270 - L= 7,4 m
Number of units : 1
Drawing no. : 1142213

Date: 2024-12-16

Chemical : Träpellets
Bulk density [kg/dm³] : 0,65
Operation temperature [°C] : -15 / +40

Surface treatment : Not specified
Colour : ---

	Data	
Screw capacity [kg/h] :	3000	
Frequency range [Hz] :	50	
Screw capacity / rev. [dm³/rev.] :	6,70	
Screw speed [rpm] :	60,0	
Filling grade [%] :	26 %	
Installation angle [deg] :	32 °	
Gear drive :	Nord : SK3282ABGH	
Motor :	Nord : 100LP/4 TF	
Speed, motor / gear [rpm] :	1460 / 28	
Supply voltage [V] :	1 V AC	
Power [kW] :	2,2	
Gear Ratio :	1:52,97	
Oil type :	Synthetic oil, VG220 -25/+80°C	
Separate cooling fan :	---	
Supply voltage for cooling fan [V] :	---	
Thermistors :	TF	
Bearing, inlet side	SKF FY 50TR	
Bearing, outlet side	SKF FY 50TR	
Shaft sealing, inlet side	d50, R.1024527	
Shaft sealing, outlet side	d50, R.1024527	
Speed switch / pulse counter :	IFM / IG510A / M18	
Pulses / minute. [Min - Max] :	120	