

WIRTH

3424696 e

3

TECHNICAL DATA OF TBM MODEL SM 360 E/TS

Cutter Head

Boring diameter, new cutters	3,600	mm
worn-out cutters	3,570	mm
Over cut over cutter head shield, standard		
with new cutters	55	mm
with worn cutters	40	mm
Cutters, disk diameter	432	mm
Number, field range	16	
Number, gauge	2	
Number, centre	6	
Number, reamer cutter	1	
Cutting track distance	92	mm nominal
optionally: Installation possibility for 24 picks		

Main Bearing

Type		double axial/radial roller bearing
Outer diameter	2,725	mm
Inner diameter - gear rim	approx. 1970	mm
Module		m = 18 hardened

Cutter Head Drive

Frequency-regulated Electric Drive

(see torque diagram 3424291)

Power	1,120	kW (4 x 280 kW)
Speed	0 - 14	rpm
Torque at 14 min ⁻¹ and 90 % efficiency degree	802	kNm
Breaking moment	1,600	kNm
No. of motors	4	

Cutter Head Shield

Outer diameter, nominal	3,530	mm
Thickness of shield cutting edge	60	mm
Thickness of outer sheet plate	30	mm

