



OERLIKON BEVEL GEAR CUTTING MACHINE C 27

Machines sold

Brand :	OERLIKON
Model :	C27
Year :	2005

TECHNICAL DETAILS & EQUIPMENT

Workpiece data :	
Workpiece diameter max :	Ø 270 mm
Normal module range :	1.5 - 6.5 mm
Tooth width (max.) :	58 mm
Smallest/largest spiral angle :	0°/60°
Smallest/largest number of teeth :	6/180
Smallest/largest gear ratio :	1:1/1:10
Tool data :	
Cutter head radius/cutter head diameter :	39 -105 mm 3.25" - 7.5"
Cutter head spindle (A axis) :	
Seating diameter: Gleason outer cone No. 14; 1:24 :	Ø 58.227 mm
Cutter head spindle speed (max.) :	1,500 rpm
Workpiece spindle (B axis) :	
Seating diameter: Oerlikon outer cone 1:4 :	Ø 140.11 mm
Seating diameter: Oerlikon inner cone No. 39; 1:19,764 :	Ø 99.258 mm
Workpiece spindle opening :	Ø 90 mm
Workpiece spindle speed (max.) :	1,500 rpm
Machine dimensions :	3,670 x 2,025 x 2,050 mm
Net weight approx. :	11 200Kg
Options :	
Arcon® Wälzverfahren :	
Arcon® Formverfahren :	

Gleason Einzelteil-Wälzverfahren :	
Gleason Einzelteil-Formverfahren :	
Tester Korrekturen :	
Zahndickenkorr. :	
Machine software for continuous indexing (face hobbing) :	