



CNC SPIRAL BEVEL GEAR CUTTING MACHINE - GLEASON 275HC

Bevel Gear Machines

Brand :	GLEASON
Model :	275HC
Year :	2006

TECHNICAL DETAILS & EQUIPMENT

CNC :	FANUC
WORKPIECE :	
Maximum transmission ratio :	1:10
Minimum number of teeth :	5
Maximum number of teeth :	2000
Maximum tooth height / full tooth depth :	20 mm
Maximum tooth width :	58 mm
Maximum pitch circle diameter :	275 mm
TOOL :	
Smallest permissible milling head Ø :	2.5 inch
Largest permissible milling head Ø :	9 inch
MACHINE :	
Horizontal workpiece slide (X-axis) :	325 mm
Vertical workpiece slide (Y-axis) :	350 mm
Milling slide (Z-axis) :	475 mm
TABLE :	
Outer diameter :	212.71 mm
SPEED :	
X and Z axis :	1 - 6,000 mm/min

rapid traverse :	X, Y and Z axes --> 10,000 mm/min
B-axis :	40 °/s