

Machine Name : Arc gear grinding machine

Brand : Gleason

Machine Model : NO.463

Stock No. : 87729

Ex-factory Date : 1983



Main Technical Parameters:

Cone diameter (30° arc tooth Angle, gear diameter: 305mm) : 381mm

Joint cone diameter (90° displacement, -70°) : 864mm

Joint taper angle (90° displacement, 5°) : 1067mm

Joint cone diameter (90° displacement) :

(0° arc tooth Angle, 1:1 ratio) : 393.7mm

(0° arc tooth Angle, 3:1 ratio) : 584.2mm

(30° arc tooth Angle, 1:1 ratio) : 533.4mm

(30° arc tooth Angle, 3:1 ratio) : 800.1mm

(40° arc tooth Angle, 1:1 ratio) : 571.5mm

(40° arc tooth Angle, 3:1 ratio) : 863.6mm

Coarse diameter joint cone (module) : 2DP912.7 module

Turbine tooth width: 76.2mm

The diameter (end) of the conical hole of the machining spindle: 76.2-482.6/812.8mm

machining spindle boring taper (per tooth) : 990.6/812.8mm

The diameter of the hole through which the machining spindle passes is 152mm

Standard external diameter of grinding wheel: 152-203mm

The deviation of the machining head from the upper and lower centers is 114.3mm

Distance from the center of machine to the front end of spindle: 76-500mm

Feed rate per tooth: 1.9-11.8 seconds

Machine Footage: 3429*2057.4mm

Machine weight: 10.455KG



