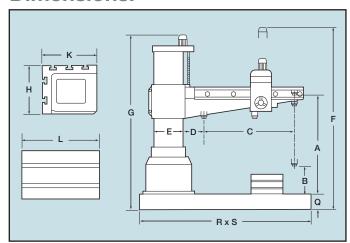


#### **Dimensions:**



#### **Capacities:**

Model	CLC1600H
Capacity:	
Drilling	
In Steel	1.97" (50mm)
In Cast Iron	2.36" (60mm)
Tapping In Steel In Cast Iron	1.57" (40mm) 1.97" (50mm)
Boring In Steel In Cast Iron	4.33" (110mm) 6.55" (165mm)

# Clausing Radial Drills Model: CLC1600H

## **Features and Standard Equipment:**

- Equipped with hydraulic separate clamping unit. Vertical
  movement of arm is coordinated by an IC timer. With a single
  touch on push button switch, you can have the arm unclamped then
  move vertically, or stop then clamp automatically. Very easy to
  operate, and tools will always stay at the same point after tool shifting
- Gears in gear box are cooled by oil cycled by an oil pump to minimize gear wear
- Powerful 5 Hp, 2-speed, heavy-duty spindle drive motor
- Friction type disc clutch absorbs impact force caused by vertical movement
  of spindle, and protects all transmission units inside gear box. With quick
  spindle return, the clutch will help speed-up the tapping operation
- Special automatic tool eject device is supplied to allow you to change tools quickly. (No drifter is required) Special arm elevating device is provided to prevent arm from falling down abruptly after years of usage
- Coolant system
   CSA Electrics Standard
   Tool kit and manuals

### **Specifications:**

Model	CLC1600H
Working Area:	
Column Sleeve Dia. (E)	12.61" (320mm)
Column Face to Spindle Center Maximum (D+C) Minimum (D) Spindle Head Travel (C) Base Surface to Spindle End	63.00" (1600mm) 13.78" (350mm) 49.21" (1250mm)
Maximum (Å) Minimum (B)	55.90" (1420mm) 18.31" (465mm)
Arm Vertical Travel (A-B)	26.77" (680mm)
Arm Rotation (Right & Left)	180°
Baseplate Working Surface	70.9" x 40.4"(1800 x 1026mm)
Box Table Area Length (L) Width (K) Height (H) Base Dimensions	24.8" (630mm) 19.7" (500mm) 19.7" (500mm)
Floor Area (R x S) Height (Q)	100.4" x 38.2"(2550 x 970mm) 7.9" (200mm)
Drill Head:	
Spindle Taper	5MT
Spindle Stroke	10.63" (270mm)
Quill Diameter	3.15" (80mm)
Number of Spindle Speeds	12
Spindle Speeds (rpm) Number of Feeds	56-1450 3
Spindle Feed Rate (in(mm)/rev.) Spindle Drive Motor (2-speed)	0.0023"(.06mm), 0.004"(.10mm), 0.008"(.20mm) 5 hp (3.8 Kw)
Elevating Motor	1 hp (.75 Kw)
Clamping Motor Coolant Pump Motor	1 hp (.75 Kw) 1/8 hp (.10 Kw)
<b>Dimensions and Weight:</b>	
Max. Machine Height (F)	108.7" (2760mm)
Base and Column Height (G)	86.1" (2186mm)
Shipping Dim. Length Width Height Net Weight	105.2" (2670mm) 44.1" (1120mm) 94.9" (2410mm) 7,275 lbs. (3300kg)
Shipping Weight	8,378 lbs. (2800kg)