

Product Brochure For D165A

Radial Arm Drill - Z3040

Ø40mm Drilling Capacity
 340 - 1000mm Spindle To Column



ORDER CODE:	D165A
MODEL:	Z3040
Drill Capacity (mm):	Ø40
Thread Tapping Capacity:	M22
Spindle Taper (MT):	4
Spindle Travel (mm):	240
Quill Diameter (mm):	70
Spindle To Column (min-max) (mm):	340 - 1000
Spindle To Box Table (max) (mm):	505
Spindle To Base (max) (mm):	860
Table Type:	Square
Box Table Size (LxWxH) (mm):	400 x 400 x 360
T-slot Size (mm):	16
Automatic Quill Feed (mm/rev):	(0.1, 0.16, 0.25)
Work Light:	Yes
Coolant System:	Yes
Spindle Speed Steps (No.):	6
Spindle Speed Range (rpm):	75 - 1220
Motor Power (kW / hp):	1.5 / 2
Motor Voltage (V):	415
Nett Weight (kg):	1450



Features

- Motorised up/down arm & forward/reverse spindle direction
- 3 Speed auto down-feed: 0.1, 0.16, 0.25(mm/rev)
- Coolant pump system with flexible hose
- Work light mounted underneath arm providing direct light on work piece
- Heavy duty tee-slotted work table
- Oil-bath lubricated gear drive
- Micro down feed hand wheel for quill
- Positive stop located at end of arm
- Quiet and smooth operation
- Includes safety chuck guard with micro switch

Includes

- 16mm keyed drill chuck and key with 4MT arbor
- 2-3 morse taper sleeve
- 3-4 morse taper sleeve
- Drill drift

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Specific Features



Left View



Head Controls



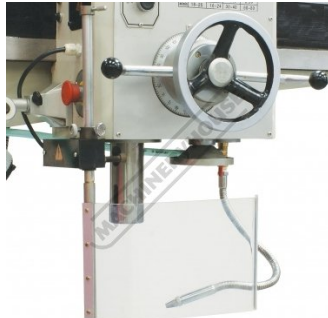
Head and Arm



Head Lock



Head Controls



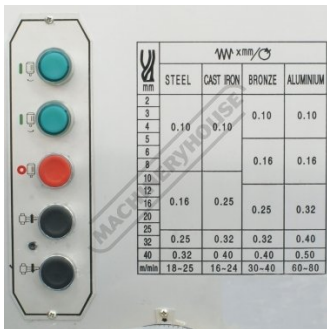
Safety Drill Chuck Guard



Work Light



Emergency Stop Switch



Machine Control Panel



Spindle Speed Levers



Spindle Speed Chart



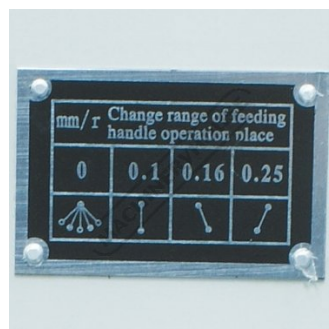
Spindle and Coolant Hose



Spindle Handwheel



Feed Handle



Feed Chart



Spindle Motor

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Box Table



Motor for Arm Rise and Fall



Coolant Pump



Lubrication Diagram and Warning



Lubrication Diagram



Main Switch



Parts

Recommended Accessories

V138
 Drill Press Vice

V139
 Drill Press Vice

D339
 4MT Morse Taper Shank Drill Bit

D424
 Drill Sleeve - Morse Taper

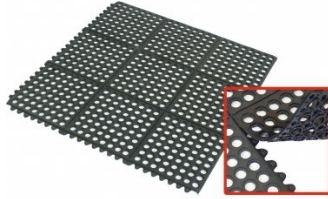


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M800
 Rubber Mat - Anti-Fatigue



M805
 Rubber Mat - Anti-Fatigue



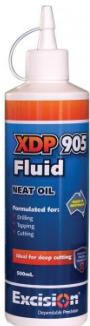
S090A
 Soluble Metal Cutting Fluid - 1
 Litre



S090
 Soluble Metal Cutting Fluid - 5
 Litre



S076
 Cutting Tool Lubricant Fluid -
 500ml



S077
 Drilling, Tapping & Cutting Tool
 Lubricant Spray - 400g



S075
 Cutting Tool Lubricant Paste -
 200g



S074
 Cutting Tool Lubricant Paste -
 500g



O000
 SpillFix Universal Organic
 Absorbent



O043
 Rust & Corrosion Preventive



O042
 General Purpose Lubricant &
 Corrosion Inhibitor



O040
 Rust & Corrosion Preventive



Product Brochure For D165A

O044

Rust & Corrosion Preventive

