

Specification of Radial Drilling Machine RM-63 Make HMT or Equivalent

1	Major Parameter		
a	Capacity :-		Unit
1.1	Drilling in Solid	mm	50-60
1.2	Drilling in Solid with Reduced Speed, And Feed	mm	80-85
b	Tapping & Working Range		
2.1	Metric Fine Thread	mm	60-70
2.2	Max. Drilling Radius	mm	1770-1790
2.3	Min. Drilling Radius	mm	530-550
2.4	Diameter Of Sleeve	mm	325-375
2.5	Max. Distance. Sleeve to Spindle	mm	1600-1615
2.6	Min. Distance. Sleeve to Spindle	mm	355-400
2.7	Spindle Traverse	mm	300-325
2.8	Max. Distance. Base Plat to Spindle	mm	1400-1420
2.9	Min. Distance. Base Plat to Spindle	mm	355-400
c	Working Surface Of Base Plate		
3.1	Length :-	mm	1700-1750
3.2	Width :-	mm	900-950
3.3	Standard Box Table :-L X W X H	mm	600x500x500
2	Minor Parameter (Drilling Spindle)		
4.1	Morse taper in spindle nose		MT5
4.2	Spindle speed	No.	12
4.3	Range of speeds-Standard	Rev/MIN.	40-1800
4.4	On request	Rev/MIN.	50-2240
4.5	Range of feeds	mm/Rev.	0.125-1.25
4.6	Max. Drilling thrust	Kg.	1600-1650
3	Spares - Nil		
4	AMC Required - No.		
5	Warranty Requirement - As per IRS Condition.		
6	Special Requirement		
8.1	Demonstration & training of Radial Drilling Machine after supply of items at shed premises		
8.2	Installation and commissioning shall be carried out by firm along with required accessories within one month from the date of receipt of items.		
8.3	The instrument item must be supplied with calibration certification of OEM.		
8.4	The tenderer has to submit certificate to dealership along with their offer. If an authorized dealer distributor wish to quote through sub dealer/agent, their due authorization should be issued by authorized dealer on case to case basis i.e. tender specific which should be submitted by sub dealer / agent along with their offer.		
8.5	The material should be covered under warranty against any manufacturing defect.		
8.6	The item must be supplied with 02 Nos. Maintenance and operation Manual.		

DME(D)/NKJ

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 नई कटनी जं० (मोप्रा) पं० न० रेल
 Divn. Mech. Engineer (Diesel)
 New Katni Jn. (M.P.) W.C.R.

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