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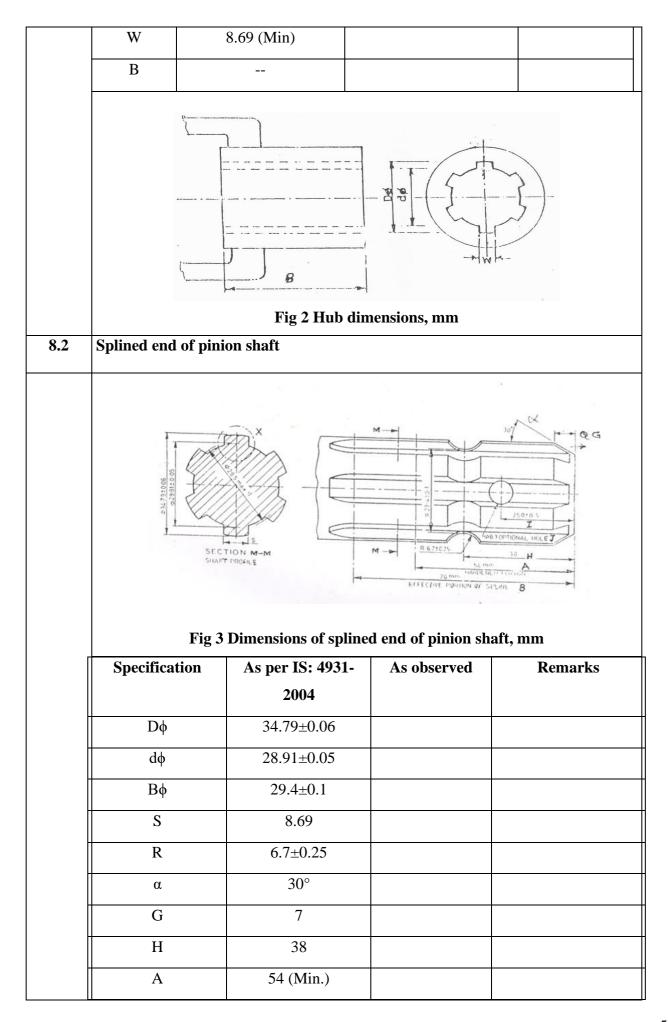
SPECIFICATION SHEET OF GROUNDNUT DIGGER

1	General						
	Name of manufacturer	:					
	Name of machine	:					
	Туре	:					
	Make	:					
	Model	:					
	Serial No	:					
	Size, mm	:					
	Year of Manufacture	:					
	Recommended power source	:					
	Power source used, kW	:					
2	Constructional details	I					
2.1	Main frame						
	Material	:					
	Shape	:					
	Size (L x B x T), mm	:					
3	Blade						
	Type and Material	:					
	Number	:					
	Size, mm	:					

r	1					
	Inclination angle, degree	:				
	Clearance from ground, mm	:				
	Clearance from main frame, mm	:				
	Method of fixing	:				
4	4 Elevator chain conveyor					
	Material and type	:				
	Size, mm	:				
	Peripheral length	:				
	Width	:				
	Conveyor rack material and size, mm	:				
	Spacing between racks, mm	:				
	Number of racks	:				
	Material, Nos. and size (mm) of spikes	:				
	on racks					
	Slope of conveyor	:				
	Method of power transmission	:				
5	Rear support / Depth control wheel					
	Туре	:				
	Number	:				
	Size, mm	:				
	Spacing, mm	:				
	Hub Diameter, mm	:				
6	Safety features					
6.1	PTO guard					
	Material	:				
	Thickness of sheet, mm	:				
6.2	V-belt guard					
	Material	:				
	Thickness of sheet, mm	:				
1						

7	Implement hitch point as per IS						
	Туре		:				
	Construction details		:				
Sr. No.	Notations	As per IS: 17231:2019 (1N, 1, /2N, 2), n	nm	As measured, mm	Remarks		
Ι	Upper hitch point						
D ₁	Diameter of hitch pin	19 (0-0.08)/ 25.5 (0-0.13)					
b ₁	Width between inner faces of yoke	52 (Min.)					
II	Lower hitch points						
D ₂	Diameter of hitch pin	22 (0-0.2)/					
		28 (0-0.2)					
b ₃	Linch pin hole distance	49 (Min.)					
b 5	Clevis width	65+20					
1	Lower hitch point span	400±1.5,					
		683±1.5,					
		683±1.5,					
		825±1.5					
III	Other dimensions						
d	Diameter for linch pin he	ole					
	Upper hitch pin	12 (min.)					
	Lower hitch pin	12 (min.)					
h	Mast height	360±1.5					
		460±1.5					
		610±1.5					
		610±1.5					

	a) Pin type X y y y y y y y y y y y y y							
8	Fig 1 Dimensions related to implement hitch attachment Power transmission system :							
	Method of t	ransmission	:					
8.1	Propeller shaft							
	Type :							
	Length of shaft, mm							
			1	Ι				
	Maximum :							
	Minimum : Mass of shaft, kg : Provision of locking : Hub Dimension, mm Refer Fig 2 As per IS 4931:1995							
	Hub Dimen		NotationsAs per IS:4931:1995,As observed, mmRemarks					
		As per IS:4931:1995	,	As observed, mm	Remarks			
		As per IS:4931:1995 mm	,	As observed, mm	Remarks			
			,	As observed, mm	Remarks			
	Hub Dimen							



	В	76 (Min.)			
	Ι	25±0.5			
	J (optional hole)	8.3			
8.3	Gear box assembly	(primary reduction)			
	Туре		:		
	No. of teeth on pinio	on	:		
	No. of teeth on beve	el gear	:		
	Reduction ratio at g	ear box	:		
	Oil capacity, l		:		
	Oil change period, h	r	:		
	Recommended grad	e of oil	:		
	Length of power	transmission	:		
	shaft (mm) (from	gear box to			
	front pulley)				
	Diameter of shaft, n		:		
	Provision of breathe	r	:		
8.4	Gear box to conveyor upper pulley (secondary reduction)				
	Front pulley diameter	er, mm	:		
	Rear pulley diamete	r, mm	:		
	V-belt size, number		:		
	Provision of belt tig	tightening			
	Dia. of casing of ou	tput shaft, mm	:		
	Dia. of rear drive sh	aft, mm	:		
9	Windrowing mechanism				
	Type and material		:		
10	Overall dimensions		:		
	(L x B x H), mm				
11	Mass, Kg		:		
12	Colour of implement	t	:		

Place:

Date:

:_____

Name

Designation: