

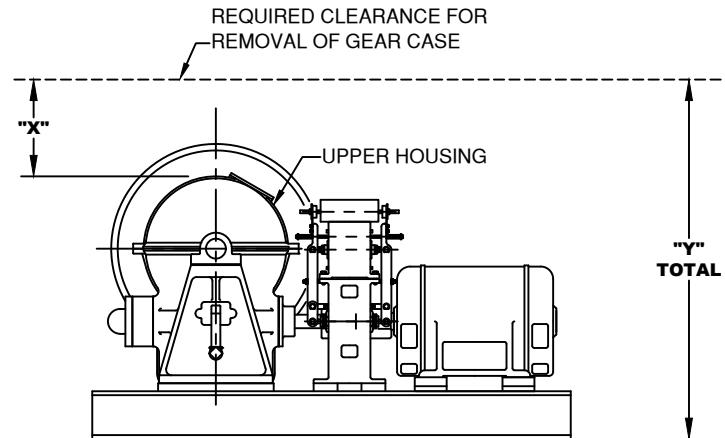


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## OH MACHINE GEAR REMOVAL CLEARANCES



### NOTES:

1. The "X" and "Y" clearances are rounded up approximately 1" from the actual clearance.
2. If a hoisting beam is located over the traction sheave, then the available clear machine room height should be measured to the underside of the hoisting beam.

REQUIRED CLEARANCES FOR OVERHEAD MACHINES				
MACHINE	DIM. "X" (Above Upper Hsg.)		DIM. "Y" (Total Height)	
	$[(1/2) (\text{Max. Gear Dia.})]$	"X"	$[\text{"H" from catalog}] + [\text{Upper Hsg. Hgt.}] + [(1/2) (\text{Max. Gear Dia.})]$	"Y"
#34 O.H.	$[(1/2) (13\ 3/8'')] = 6.6875''$	7 5/8"	$[21\ 7/8''] + [7\ 13/16''] + [6.6875''] = 36.375''$	37 3/8"
#34 O.H. (R.G.)	$[(1/2) (13\ 3/8'')] = 6.6875''$	7 5/8"	$[25\ 7/8''] + [7\ 13/16''] + [6.6875''] = 40.375''$	40 3/8"
#43 / 44 O.H.	$[(1/2) (16.113'')] = 8.05''$	9"	$[23\ 7/8''] + [9\ 1/16''] + [8.05''] = 40.9875''$	42"
#53 / 54 O.H.	$[(1/2) (18\ 3/16'')] = 9.09''$	10"	$[26\ 3/4''] + [10\ 1/2''] + [9.09''] = 46.34''$	47 3/8"
#63 / 64 O.H.	$[(1/2) (23\ 9/16'')] = 11.78''$	12 3/4"	$[33\ 1/4''] + [13\ 1/8''] + [11.78''] = 58.155''$	59 1/8"
#74 O.H.	$[(1/2) (30'')] = 15''$	16"	$[40\ 13/16''] + [16\ 11/16''] + [15''] = 72.5''$	73 1/2"