



$M$  = MODULE  
 $N$  = NUMBER OF TEETH  
 $PD$  = PITCH DIAMETER  
 $OD$  = OUTSIDE DIAMETER  
 $RD$  = ROOT DIAMETER

$$\text{MODULE} = \frac{\text{CENTER DISTANCE} \times 2}{\text{No. WHL. TEETH} + \text{No. PINION LEAVES}}$$

WHEEL PITCH DIA. — = $N \times M$ — =		
" O. DIA. — = $M \times (N + 2.7)$ — =		
" ROOT DIA. — = $M \times (N - 3.1)$ — =		
	MILLIMETERS	INCHES
PINION PITCH DIA. — = $N \times M$ — =		
" O. DIA. — = $M \times (N + 1.5)$ — =		
" ROOT DIA. — = $M \times (N - 3.5)$ — =		

