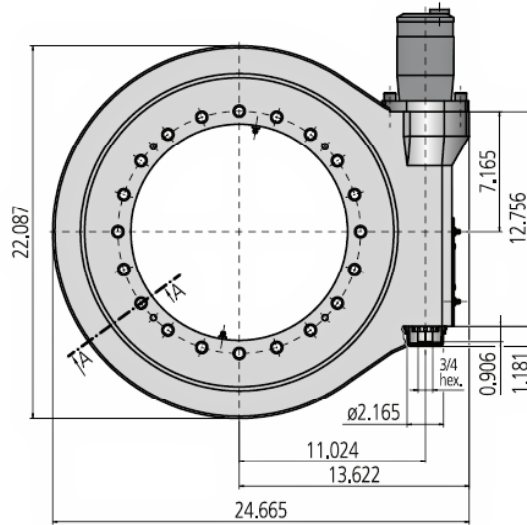


Note, mounting face against upper surface shall be within the limits of  $\phi 16,496$  and  $\phi 21,220$



### Mounting holes

Y = 20 Holes 5/8-11 UNC - 1.181 deep, equally spaced

Z = 20 Holes  $\phi 0.709$  - 0.394 deep / 5/8-11 UNC - 1.181 deep, equally spaced

### Lubrication ports

2 Taper type grease nipples on the internal diameter

2 Taper type grease nipples on the outside of the housing

Slew Drive supplied pre-lubricated

## Limiting load diagram for 'compressive' load

Drawing reference number WD-LA 0419/3-06372			
Module	<b>m</b>	[mm]	5
Number of starts of the worm		[-]	1
Gear ratio	<b>i</b>	[-]	104
Self-locking gears			no**
Maximum torque SFS = 1	<b>M<sub>d max</sub></b>	[ft-lbs]	11,510
Nom. torque SF = 1 at n = 1 rpm	<b>M<sub>d nom</sub></b>	[ft-lbs]	11,510
Maximum holding torque*	<b>M<sub>h</sub></b>	[ft-lbs]	11,510
Static load rating, radial	<b>C<sub>o rad</sub></b>	[lbs x 1,000]	92
Static load rating, axial	<b>C<sub>o ax</sub></b>	[lbs x 1,000]	248
Dynamic load rating, radial	<b>C<sub>rad</sub></b>	[lbs x 1,000]	38
Dynamic load rating, axial	<b>C<sub>ax</sub></b>	[lbs x 1,000]	44
Weight		[lbs]	197

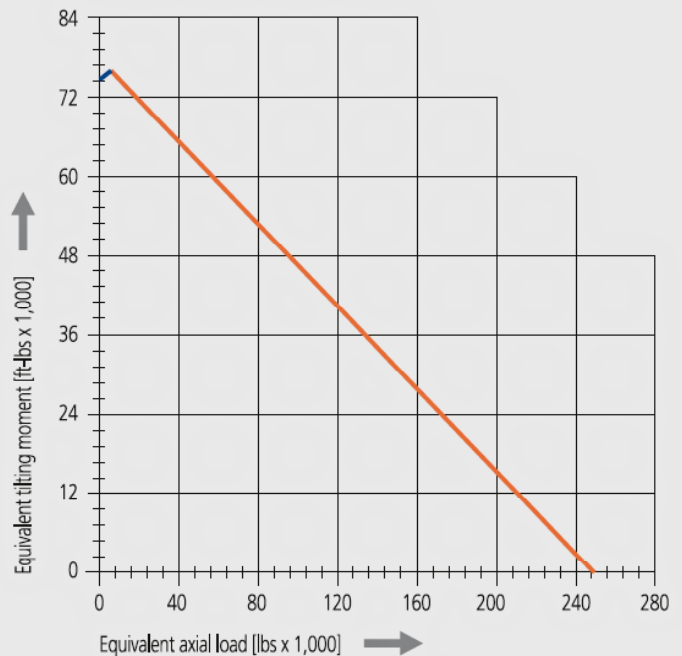
\*Optional with brake

\*\*Self-locking with mounted permanent brake or with mounted hydraulic motor and oil return stop

The selection of the hydraulic / electric motor depends on actual customer requirements and specifications.

Selection example: performance data with hydraulic motor H-160

Pressure differential	$\Delta p$	[psi]	2,103
Oil flow	<b>Q</b>	[gal(US)/min]	5.30
Output speed	<b>n</b>	[rpm]	1
Maximum achievable torque	<b>M<sub>d</sub></b>	[ft-lbs]	11,510



Equivalent axial load [lbs x 1,000]

— Bolt curve R<sub>p0.2</sub> — Raceway curve  
Bolt quality class SAE Grade 8

Please adhere strictly to the Technical Information section when using above graph!