



NOTE
MEETS AWWA 300 FT-LBS
INPUT TORQUE REQUIREMENTS

ITEM	PART NUMBER	DESCRIPTION	MATERIAL	QTY
01	C52001100	COVER	GR 250 CAST IRON	1
02	C52002100	GEARCASE	GR. 250 CAST IRON	1
03	C520031002	QUADRANT 61:1 RH CUT	80-65-06 DUCTILE IRON	1
04	C52004100	WORMSHAFT BEARING 7307B	4140 STEEL 28-32 RC	1
05	P52005300	INPUT PINION 11 TEETH	4140 STEEL 28-32 RC	1
06	C50606100	INDICATOR	DELRIN 100	1
07	P52017500	SPUR WHEEL 33 TEETH	4140 STEEL 28-32 RC	1
08	C50302101	INPUT OILSEAL	HYTREL 5526	1
09	1280000004	NAMEPLATE	THERMAL LABEL	1
10	601007307B	WORMSHAFT BEARING 7307B	BALL BEARING	2
11	6010006204	PINION SHAFT BEARING 6204	BALL BEARING	2
12	C52001100	STOP SCREW M20x70 SKT.SET	HIGH TENSILE STEEL	2
13		LOCKNUT M20	CARBON STEEL	2
14	8040100009	PROTECTION CAP	HYTREL 5526	2
15	0501000093	QUADRANT O RING 114.5x120 5x3	BUNA-N 70	1
16	0500000248	INDICATOR O RING 4 3/4"x5 x1/8"	BUNA-N 70	1
17	8511001035	COVER SCREW M10x35 HX.HD	CARBON STEEL	8
18	6040100280	COVER DOWEL 10x28 H&G	STEEL HARD SHINY	3
19	1300100828	SPUR WHEEL KEY 10x8x28 SQ ENDS	CARBON STEEL	1
20	B100471-24	WHEEL CIRCLIP TYPE1400-30	CARBON SPRING STEEL	1

UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES TOLERANCES 1 PLACE (X.X) ± 0.30 2 PLACE (X.XX) ± 0.15 3 PLACE (X.XXX) ± 0.05 FRACTIONAL ± 1/64 ANGULAR ± 1° COMMON CENTER CIRCLES ARE © WITHIN 0.010 T.I.R. REMOVE ALL BURRS BREAK ALL SHARP EDGES ✓ = 125 MICRONS DO NOT SCALE DRAWING	DRAWN BY: RW DRAWN DATE: 01/07/09 APPROVED BY: <i>[Signature]</i> APPROVED DATE: 29-09	PRATT [®] Henry Pratt Company 401 S. Highland Ave Aurora, IL 60506	TITLE: PRATT WORMGEAR MODEL WG20-300
	PROPRIETARY INFORMATION DO NOT COPY OR REPRODUCE WITHOUT WRITTEN PERMISSION		

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