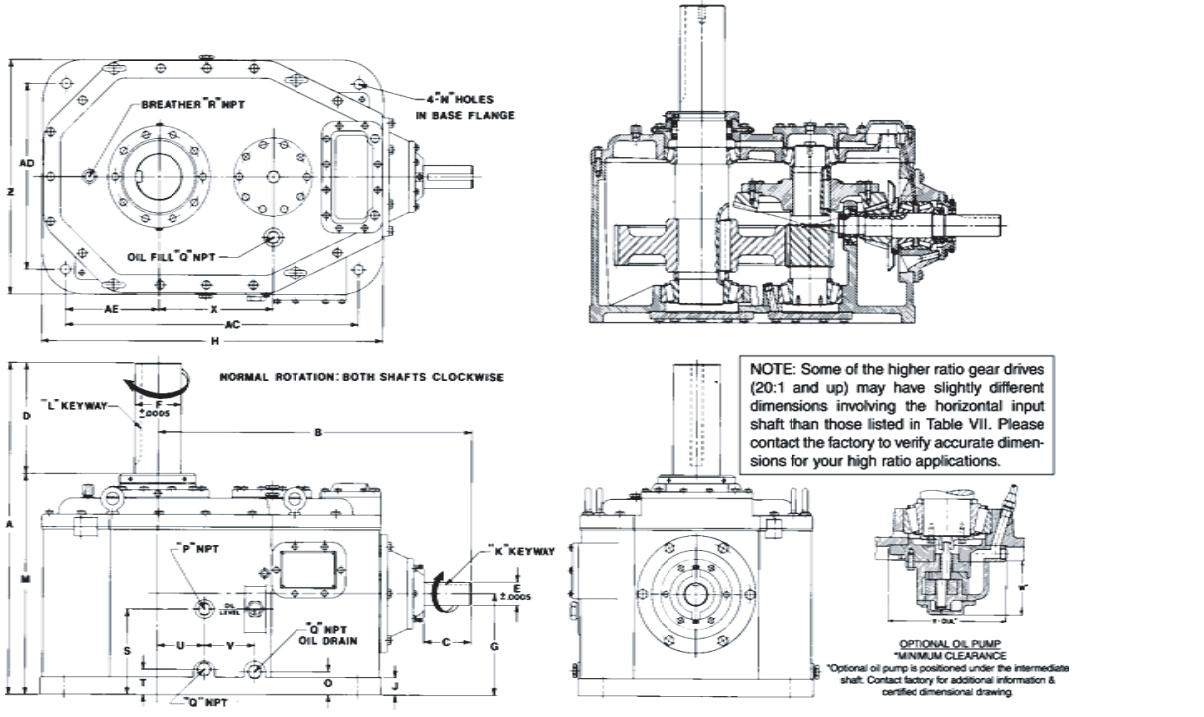


### 1311 Double Reduction



NOTE: Some of the higher ratio gear drives (20:1 and up) may have slightly different dimensions involving the horizontal input shaft than those listed in Table VII. Please contact the factory to verify accurate dimensions for your high ratio applications.

OPTIONAL OIL PUMP  
MINIMUM CLEARANCE  
\*Optional oil pump is positioned under the intermediate shaft. Contact factory for additional information & certified dimensional drawing.

A	B	C	C with non-reverse	D	E	F	G	H	J	K	L	M	N	O
34 3/8	30 7/16	4 15/16	3 1/4	12	2.436	4.499	10 1/4	33 1/4	1 7/8	5/8x 5/16	1 x 1/2	22 3/8	1 5/16	1 1/2
P	Q	R	S	T	U	V	W	X	Y	Z	AC	AD	AE	WEIGHT
3/4	1	1/2	7 7/8	2 3/4	2 3/4	4	6 13/16	11	10	23 1/2	29 1/4	19 1/2	10 3/8	1575

#### Exact Ratio

7.5	8	8.5	9	9.5	10	10.5	11	11.5	12	12.5	13	14	15	15.5	16	17	18	19	20	25
8.00	8.72	9.04	9.45	9.90	10.46	11.14	11.35	12.16	12.61	12.93	13.93	14.86	15.79	16.18	17.33	18.04	18.67	19.81	24.76	
Domestic Shipping Weight (lbs)		Weight with Export Boxing (lbs)		Export Box Dimensions (L, x W x H) (in)		Vertical Shaft Down Thrust Capacity (pounds)		5950		Thrust ratings vary greatly depending upon the transmitted power and the vertical shaft speed. The rating to the left are the axial loads that can be applied the fan shaft which will always result in a calculated bearing life greater than 100,000 hours. These ratings are based on the worse case from the power rating tables. All models can be supplied with larger thrust bearings or special bearing arrangements. Contact us when the fan loading conditions or the bearing life requirements cannot be satisfied with the ratings from the table.										
1690		1775		48 x 28 x 41																

#### Service Horsepower Ratings (Service Factor =2.0)

#### RATIO\*

Input RPM	7.5	8	8.5	9	9.5	10	10.5	11	11.5	12	12.5	13	14	15	15.5	16	17	18	19	20	25
1750	210	208	206	198	190	183	176	171	165	163	160	155	150	148	147	137	129	117	110	78	
1450	174	172	171	164	157	151	146	141	137	135	133	128	124	123	122	114	107	97	91	65	
1160	139	138	137	131	126	121	117	113	109	107	106	103	99	98	97	91	86	78	73	52	

\*Choose models & Ratios in outlined area for standard price and delivery. Contact us for all others.



PROJECT NAME AND LOCATION: \_\_\_\_\_  
 MODEL NO.: \_\_\_\_\_  
 DWG NAME: \_\_\_\_\_  
 DRAWING NUMBER: A-100    JOB NUMBER: \_\_\_\_\_    SHEET: 1 of 1    REV: 0  
 SCALE: NO SCALE    COMMENTS: \_\_\_\_\_

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REV.	DESCRIPTION	DESIGNED BY:	CHECKED BY:	APPROVED BY:	DATE:
1					
2					
3					
4					

**COOLING TOWER DEPOT, INC**  
 651 CORPORATE CIRCLE, STE. 206  
 GOLDEN, CO 80401  
 720-746-1234

NO SCALE

0 1 of 1

A-100