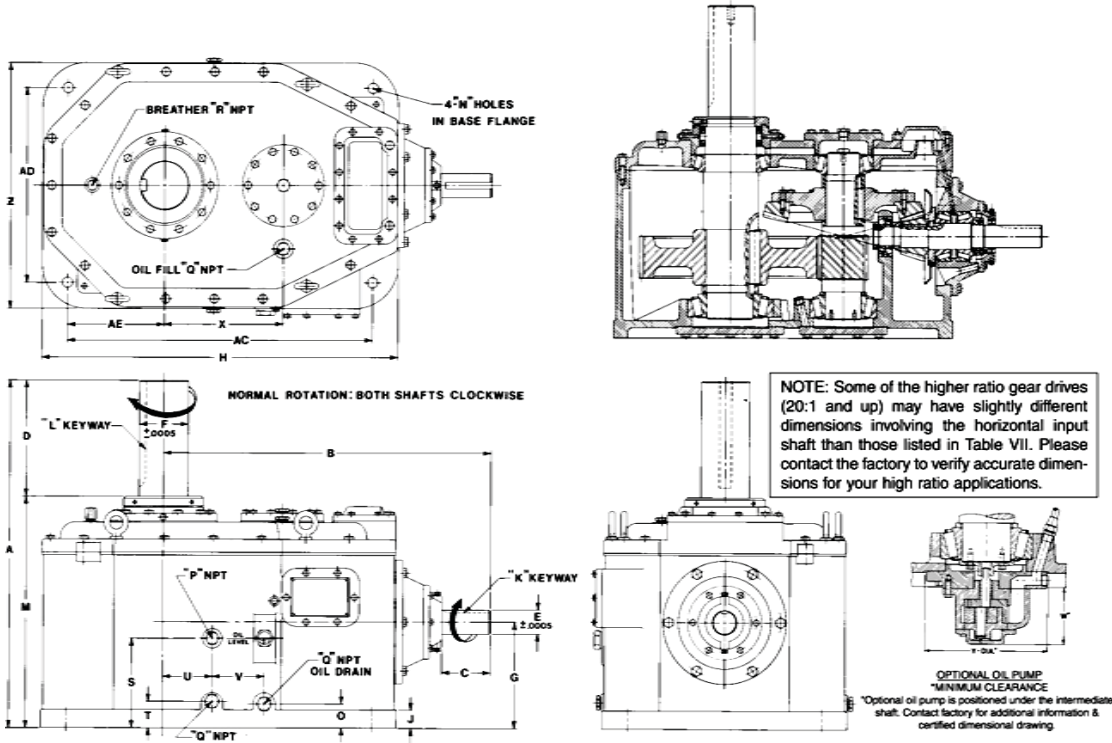


Amarillo Double Reduction Gear Boxes

1712.5W Double Reduction



NOTE: Some of the higher 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
38 3/8	35 3/4	5 13/16	3 1/2	12	2.936	4.999	13 1/2	37	1 1/2	3/4 x 3/8	1 1/4 x 5/8	26 3/8	1 5/16	3 3/16
P	Q	R	S	T	U	V	W	X	Y	Z	AC	AD	AE	WEIGHT
3/4	1	1/2	11 3/4	4 1/4	5 1/8	5 1/2	4 13/16	12 1/4	10	32	31 1/2	29	10	2740

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
8.16	8.50	9.04	9.45	9.90	10.60	11.16	11.79	12.20	12.50	12.94	14.00	15.00	15.50	16.25	16.86	18.15	18.86	20.31	25.20	

Domestic Shipping Weight (lbs)	Weight with Export Boxing (lbs)	Export Box Dimensions (L, x W x H) (in)	Vertical Shaft Down Thrust Capacity (pounds)	9250	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.
2400	2540	50 x 32 x 43			

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						334	321	309	301	297	288	279	262	252	244	236	231	225	201	193	120
1450						277	266	256	249	246	239	231	217	209	202	196	191	186	167	160	99
1160						221	213	205	200	197	191	185	174	167	162	156	153	149	133	128	80

*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

REV: 0 SHEET: 1 of 1
 SCALE: NO SCALE

DRAWING NUMBER: A-100