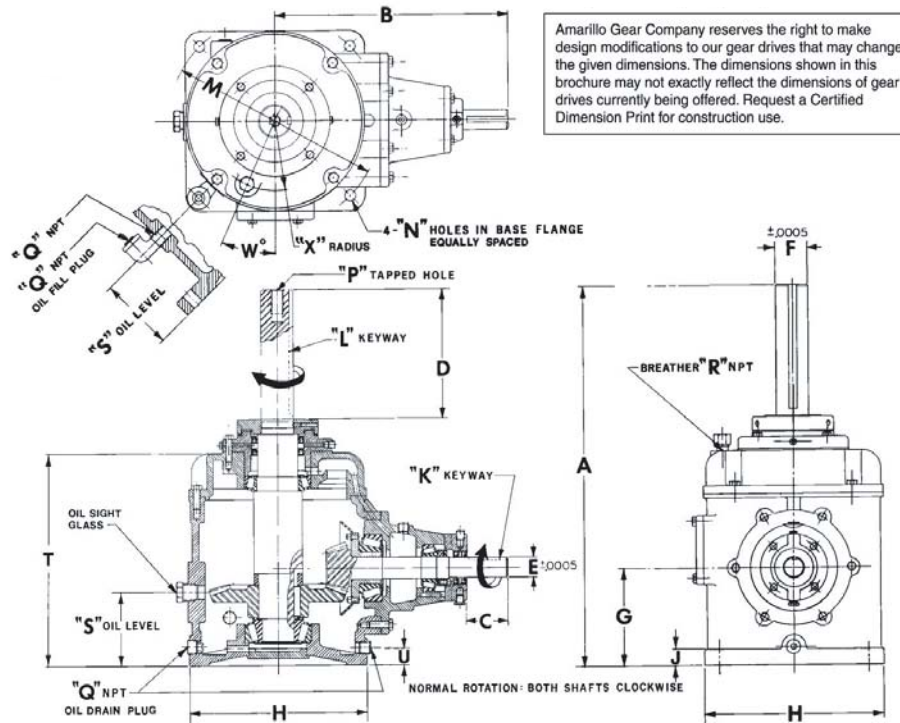


Amarillo Single Reduction Gear Boxes

85 Single Reduction



A	B	C	C with non-reverse	D	E	F	G	H	J	K	L	M	N
23 1/4	14 1/4	21 11/16	1 13/32	8	1.249	1.999	6	11	1	5/16 X 5/32	1/2 x 1/4	13	13/16

P	Q	R	S	T	U	W	X	WEIGHT
3/4 -10NC	1/2	1/2	4 9/16	13 1/4	1 3/16	0	4 5/16	195

Exact Ratio

2	2.5	3	3.3	3.5	3.8	4	4.3	4.5	4.8	5	5.5	6	6.5	7	7.5	8	8.5	9	9.5
2.05	2.56	3.00	3.23	3.50	3.75	4.00	4.27	4.55	4.70	5.00	5.56	6.00	6.56	7.00					

Domestic Shipping Weight (lbs)	Weight with Export Boxing (lbs)	Export Box Dimensions (L x W x H) (in)	Vertical Shaft Down Thrust Capacity (pounds)	1750	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.
215	245	27 x 15 x 27			

Service Horsepower Ratings (Service Factor =2.0) RATIO*

Input RPM	2	2.5	3	3.3	3.5	3.8	4	4.3	4.5	4.8	5	5.5	6	6.5	7	7.5	8	8.5	9	9.5
1750	50	48	45	43	39	36	33	32	28	27	25	20	18	15	15					
1450	41	40	37	36	32	30	27	26	23	22	21	17	15	12	12					
1160	33	32	30	29	26	24	22	21	19	18	17	13	12	10	10					

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

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	MODEL NO.:		REVISIONS REV. DESCRIPTION DESIGNED BY: CHECKED BY: APPROVED BY: DATE:										
	DWG NAME:												
	DRAWING NUMBER: A-100		JOB NUMBER:		SHEET 1 of 1		REV 0						
SCALE: NO SCALE		COMMENTS:											