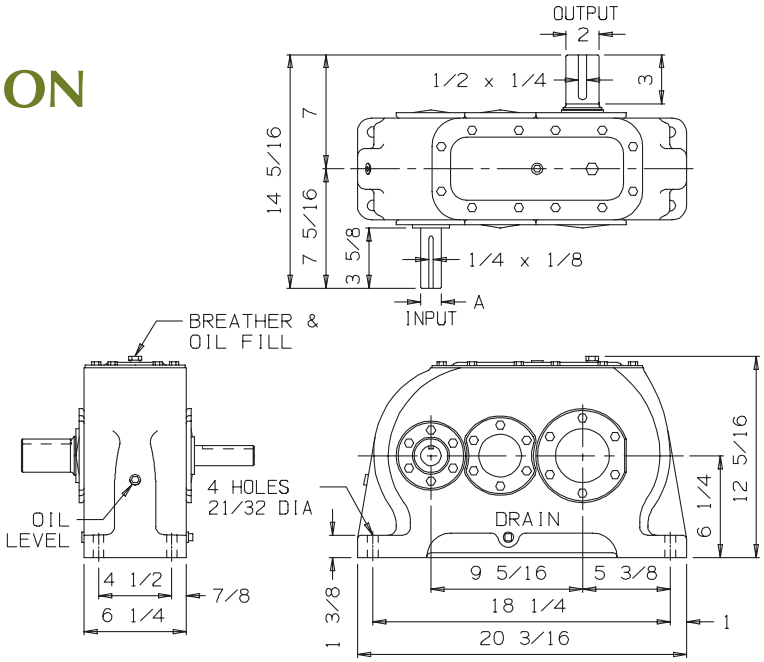
DOUBLE REDUCTION BASE TYPE GEAR DRIVES



Average Shipping Weight: 161 lbs.

MODEL	RATIO [2]	RATINGS [1]					GEARBOX [4] INERTIA (LB-FT^2)	DIA. A (INCHES)
		OUTPUT (RPM)	INPUT HORSEPOWER	OUTPUT TORQUE (IN-LB)	INPUT SHAFT [3] OVERHUNG LOAD CAPACITY (LBS)	OUTPUT SHAFT [3] OVERHUNG LOAD CAPACITY (LBS)		
28035 [5]	3.520	497	55.2 [6]	7000	475	2200	.20	1 1/4
28042 [5]	4.153	421	48.1 [6]	7200	475	2200	.17	1 1/4
28044 [5]	4.443	394	45.0 [6]	7200	475	2200	.15	1 1/4
28048 [5]	4.760	368	42.6 [6]	7300	475	2200	.13	1 1/4
28051 [5]	5.106	343	39.7 [6]	7300	475	2200	.11	1 1/4
28055 [5]	5.485	319	37.0 [6]	7300	475	2200	.10	1 1/4
28059	5.904	296	34.8 [6]	7400	475	2200	.09	1 1/4
2806	6.368	275	32.3 [6]	7400	475	2200	.08	1 1/4
28069	6.885	254	30.2	7480	475	2200	.08	1 1/4
2807	7.464	234	28.0	7530	475	2200	.08	1 1/4
2808	8.119	215	26.0	7600	475	2200	.07	1 1/4
28088	8.863	197	24.2	7710	475	2200	.07	1 1/4
2809	9.718	180	22.1	7730	475	2200	.07	1 1/4
2810	10.710	163	20.3	7830	475	2200	.06	1 1/4
2811	11.874	147	18.5	7930	550	2500	.05	1 1/4
2812	12.889	136	16.2	7520	550	2500	.04	1 1/4
2813	13.560	129	15.5	7560	550	2500	.04	1 1/4
2814	14.290	122	14.7	7590	550	2500	.04	1 1/4
2815	15.086	116	14.0	7630	700	3100	.04	1 1/4
28159	15.958	110	13.3	7650	700	3100	.03	1 1/4
2816	16.650	105	12.2	7310	700	3100	.03	1 1/4
2817	17.546	100	11.6	7340	700	3100	.03	1 1/4
2818	18.524	94	11.1	7380	700	3100	.03	1 1/4
2819	19.594	89	10.5	7410	700	3100	.03	1 1/4
2821	21.932	80	9.0	7120	700	3100	.03	1 1/4
2824	24.675	71	7.8	6930	600	3100	.03	1 1/8
2827	27.895	63	6.8	6810	600	3100	.03	1 1/8
2829	29.754	59	6.2	6650	600	3100	.02	1 1/8
2833	33.918	52	5.3	6430	430	3100	.02	1
2836	36.249	48	5.0	6470	430	3100	.02	1
2838	38.912	45	4.5	6280	430	3100	.02	1
2841	41.727	42	4.2	6320	430	3100	.02	1

NOTES

1. Horsepower, torque, output speed and overhung load capacities based on 1750 rpm input speed and 1.00 Service Factor.
2. Non-standard ratios available. Consult Dorris Company if desired ratio is not shown.
3. Overhung load is measured at the midpoint of the key for the input and output shafts respectively.
4. Measured at the input shaft.
5. If a backstop is required consult Dorris Company for backstop torque capacity as it is less than the output torque rating shown.
6. Consult Dorris Company for thermal capacity in your application.