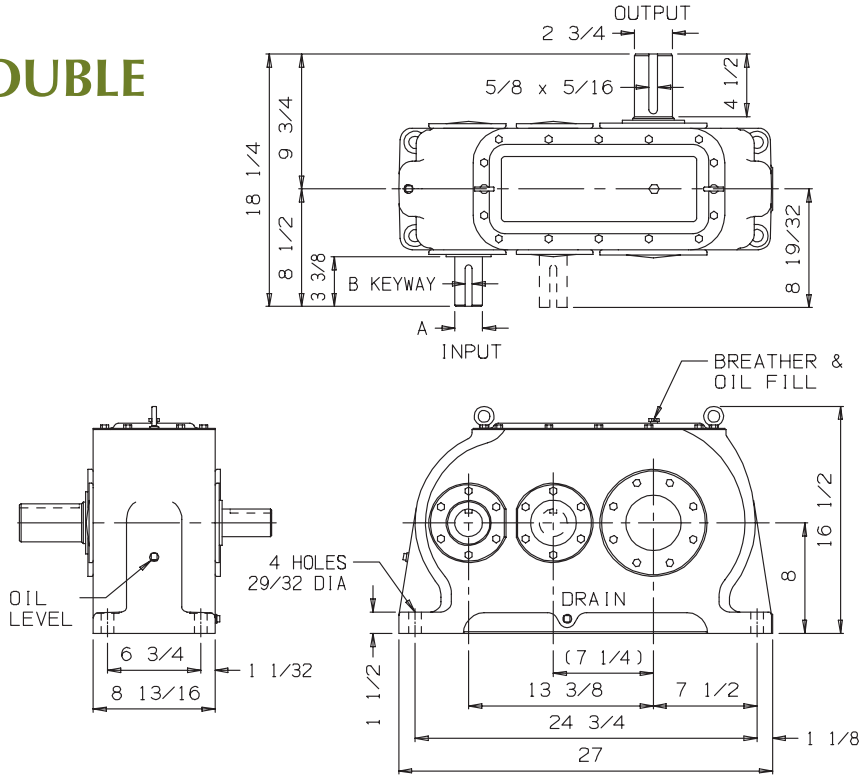
SINGLE AND DOUBLE REDUCTION BASE TYPE GEAR DRIVES



Average Shipping Weight: 363 lbs.

MODEL	RATIO [2]	REDUCTION [3]	RATINGS [1]					GEARBOX [5] INERTIA (LB-FT²)	DIA. A (INCHES)	KEYWAY B
			OUTPUT (RPM)	INPUT HORSEPOWER	OUTPUT TORQUE (IN-LB)	INPUT SHAFT [4] OVERHUNG LOAD CAPACITY (LBS)	OUTPUT SHAFT [4] OVERHUNG LOAD CAPACITY (LBS)			
5804S [6]	4.046	SINGLE	432	140.0 [7]	20,500	1875	4650	.58	1 3/4	3/8
5805 [6]	5.070	DOUBLE	345	117.0 [7]	21,500	1875	4650	.90	2	1/2
5807	6.665	DOUBLE	263	89.6 [7]	21,500	1875	4650	.70	2	1/2
5808	8.109	DOUBLE	216	73.6 [7]	21,500	1875	4650	.60	2	1/2
5809	9.324	DOUBLE	188	65.8 [7]	22,090	1875	4650	.50	2	1/2
5811	10.826	DOUBLE	162	56.4 [7]	22,000	1875	4650	.40	2	1/2
5812	12.207	DOUBLE	143	50.0	22,000	1875	5450	.30	2	1/2
5815	15.215	DOUBLE	115	38.9	21,310	1875	5450	.20	2	1/2
5818	18.607	DOUBLE	94	31.3	21,000	900	6000	.15	1 1/2	3/8
5820	19.657	DOUBLE	89	29.0	20,500	900	6000	.14	1 1/2	3/8
5821	20.812	DOUBLE	84	26.7	20,000	900	6000	.12	1 1/2	3/8
5822	22.088	DOUBLE	79	24.5	19,490	900	6000	.09	1 3/8	3/8 [8]
5823	23.276	DOUBLE	75	23.0	19,280	900	6000	.09	1 3/8	3/8 [8]
5825	24.771	DOUBLE	71	23.0	20,500	900	6000	.08	1 3/8	3/8 [8]
5826	25.976	DOUBLE	67	23.0	21,500	900	6000	.08	1 3/8	3/8 [8]
5829	29.508	DOUBLE	59	19.1	20,250	650	6300	.08	1 1/4	1/4
5835	35.319	DOUBLE	50	17.1	21,700	650	6300	.07	1 1/4	1/4
5840	40.332	DOUBLE	43	14.1	20,500	650	6300	.07	1 1/4	1/4

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. Single reduction high speed shaft dimensions shown in parentheses ( ).
4. Overhung load is measured at the midpoint of the key for the input and output shafts respectively.
5. Measured at the input shaft.
6. If a backstop is required consult Dorris Company for backstop torque capacity as it is less than the output torque rating shown.
7. Consult Dorris Company for thermal capacity in your application.
8. Non-standard keyway.