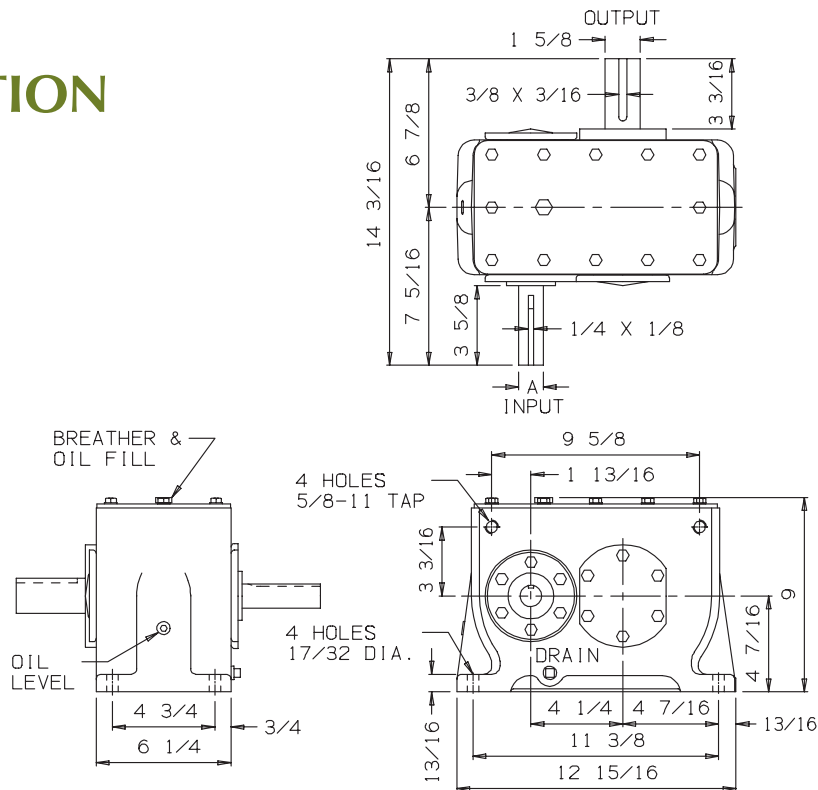


900 SERIES

SINGLE REDUCTION BASE TYPE GEAR DRIVES



Average Shipping Weight: 65 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)		
9013 ⁵	1.315	1331	79.2 ⁶	3750	75	500	.13	1 1/4
9015 ⁵	1.551	1128	70.9 ⁶	3960	75	500	.11	1 1/4
9019 ⁵	1.907	918	59.7 ⁶	4100	75	500	.10	1 1/4
9020 ⁵	2.049	854	55.6	4100	75	500	.09	1 1/4
9022 ⁵	2.205	794	51.6	4100	75	500	.08	1 1/4
9024 ⁵	2.378	736	47.7	4090	75	500	.08	1 1/4
9028 ⁵	2.788	628	39.6	3980	150	1000	.05	1 1/4
9030	3.032	577	36.0	3930	150	1000	.04	1 1/4
9033	3.310	529	32.5	3870	150	1000	.04	1 1/4
9036	3.630	482	29.3	3830	150	1000	.04	1 1/4
9040	4.000	438	25.2	3630	200	1000	.03	1 1/4
9042	4.208	416	23.6	3580	200	1000	.03	1 1/4
9044	4.435	395	22.0	3510	200	1000	.03	1 1/4
9047	4.682	374	20.2	3410	325	1000	.03	1 1/4
9049	4.952	353	18.8	3360	325	1000	.03	1 1/4
9052	5.250	333	17.6	3330	450	1000	.02	1 1/8
9056	5.579	314	15.9	3200	450	1000	.02	1 1/8
9059	5.944	294	14.5	3110	400	1000	.02	1
9063	6.353	275	13.1	3000	400	1000	.02	1
9068	6.813	257	12.0	2930	400	1000	.02	1

NOTES

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