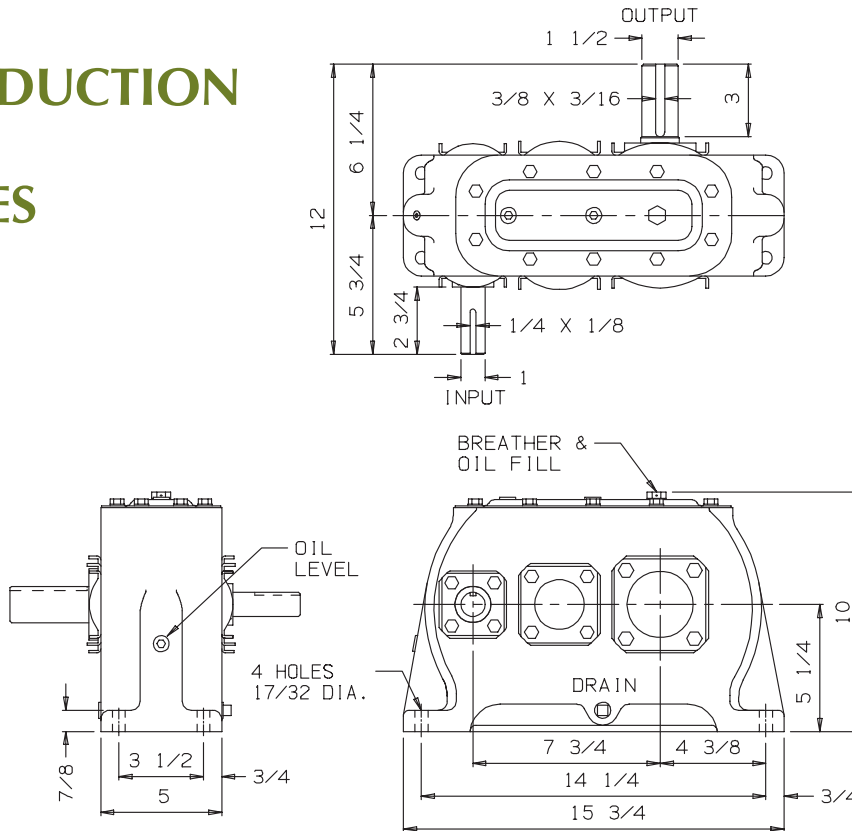


DOUBLE REDUCTION BASE TYPE GEAR DRIVES



Average Shipping Weight: 75 lbs.

MODEL	RATIO ²	RATINGS ¹					GEARBOX ⁴ INERTIA (LB-FT ²)
		OUTPUT (RPM)	INPUT HORSEPOWER	OUTPUT TORQUE (IN-LB)	INPUT SHAFT ³ OVERHUNG LOAD CAPACITY (LBS)	OUTPUT SHAFT ³ OVERHUNG LOAD CAPACITY (LBS)	
1805 ⁵	4.922	356	22.6	4000	100	1550	.05
18058 ⁵	5.764	304	19.3	4000	100	1550	.04
1806 ⁵	6.243	280	17.8	4000	100	1550	.04
18065 ⁵	6.482	270	17.2	4010	100	1550	.04
18072 ⁵	7.192	243	15.8	4080	100	1550	.03
1808 ⁵	7.590	231	14.8	4040	100	1550	.03
18088 ⁵	8.827	198	13.0	4140	100	1550	.03
1809	9.315	188	12.2	4100	100	1550	.02
18105	10.462	167	11.3	4240	250	1800	.02
1811	11.040	159	10.5	4160	250	1800	.02
18125	12.493	140	9.4	4210	250	1800	.01
18133	13.340	131	8.8	4240	250	1800	.01
1814	13.973	125	8.2	4130	250	1800	.01
1815	14.920	117	7.7	4150	350	1800	.01
1817	16.889	104	6.1	3720	350	1800	.01
1819	19.111	92	5.4	3740	350	1800	.01
1820	20.407	86	5.1	3780	350	1800	.01

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.