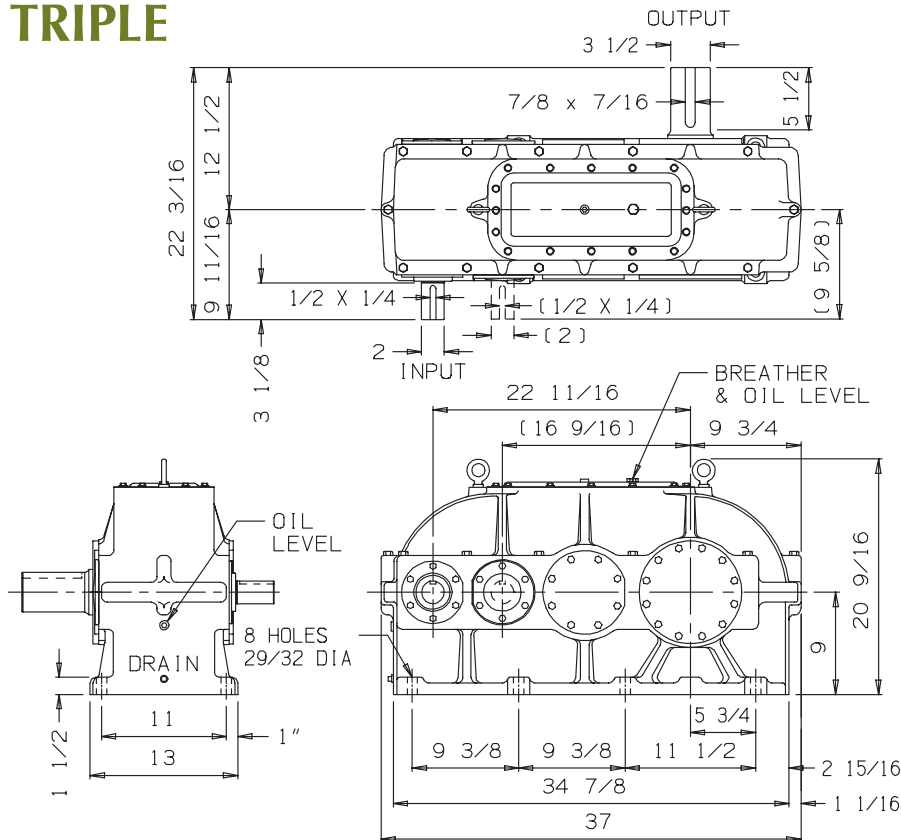


9100 SERIES

DOUBLE AND TRIPLE REDUCTION BASE TYPE GEAR DRIVES



Average Shipping Weight: 700 lbs.

MODEL	RATIO ²	REDUCTION ³	RATINGS ¹					GEARBOX ⁵ INERTIA (LB-FT ²)
			OUTPUT (RPM)	INPUT HORSEPOWER	OUTPUT TORQUE (IN-LB)	INPUT SHAFT ⁴ OVERHUNG LOAD CAPACITY (LBS)	OUTPUT SHAFT ⁴ OVERHUNG LOAD CAPACITY (LBS)	
91076 ⁶	7.552	DOUBLE	231	181.0 ⁷	49,500	2200	11,000	1.92
9120	19.655	TRIPLE	89	73.7	52,190	2200	11,000	.94
9121	21.536	TRIPLE	81	67.5	52,350	2200	11,000	.88
9124	23.912	TRIPLE	73	61.2	52,700	2200	11,000	.78
9126	26.200	TRIPLE	67	56.2	52,960	2200	11,000	.71
9132	31.920	TRIPLE	55	46.7	53,700	2200	11,000	.49
9136	35.997	TRIPLE	49	41.6	53,950	2200	12,000	.39
9139	39.442	TRIPLE	44	38.2	54,340	2200	12,000	.37
9145	44.870	TRIPLE	39	33.9	54,860	2200	12,000	.33
9148	47.984	TRIPLE	36	32.2	55,770	2225	14,000	.30
9160	59.812	TRIPLE	29	26.1	56,160	2225	14,000	.28
9170	70.339	TRIPLE	25	22.5	56,810	2250	15,500	.28
9184	84.191	TRIPLE	21	19.0	57,590	2250	15,500	.27

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.
- Double reduction high speed shaft dimensions shown in parentheses ().
- 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.