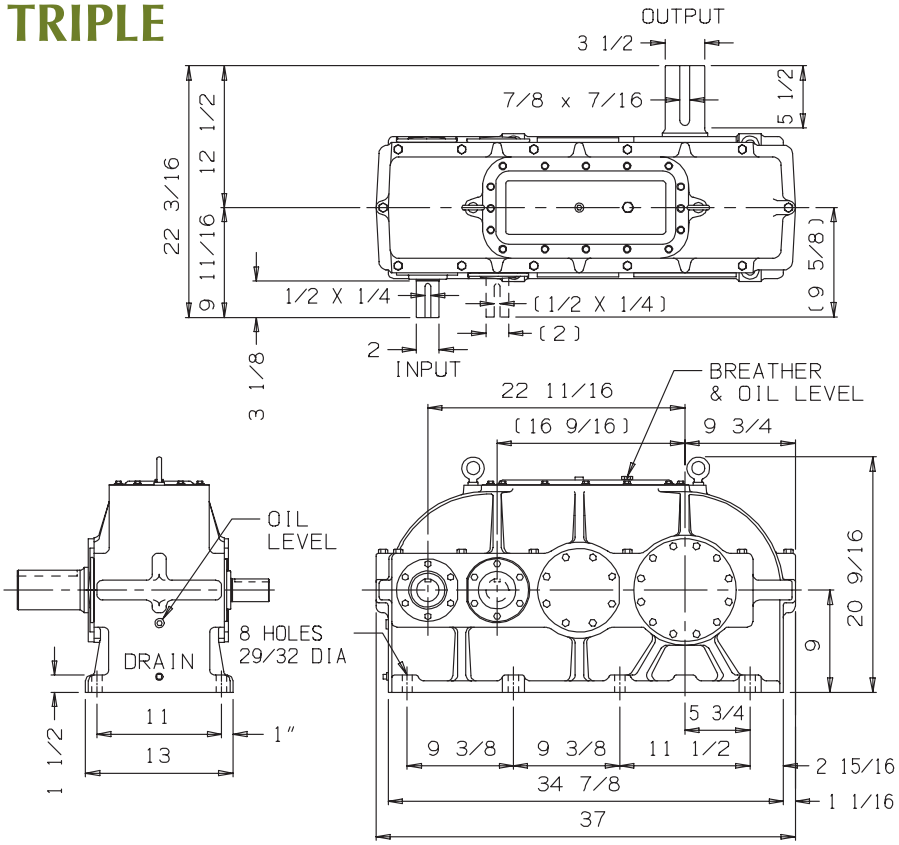
DOUBLE AND TRIPLE REDUCTION BASE TYPE GEAR DRIVES



Average Shipping Weight: 700 lbs.

MODEL	RATIO [2]	REDUCTION [3]	RATINGS [1]					GEARBOX [5] INERTIA (LB-FT²)
			OUTPUT (RPM)	INPUT HORSEPOWER	OUTPUT TORQUE (IN-LB)	INPUT SHAFT [4] OVERHUNG LOAD CAPACITY (LBS)	OUTPUT SHAFT [4] OVERHUNG LOAD CAPACITY (LBS)	
93078 [6]	7.867	DOUBLE	222	300.0 [7]	85,000	2000	8,200	1.95
9316 [6]	16.400	TRIPLE	107	137.0 [7]	81,150	2000	8,200	1.10
9323	22.943	TRIPLE	76	100.0 [7]	82,950	2000	8,200	.55
9327	26.638	TRIPLE	66	86.3	82,790	2000	8,200	.45
9330	30.035	TRIPLE	58	77.6	83,990	2000	9,500	.40
9333	32.910	TRIPLE	53	69.9	82,880	2000	9,500	.39
9337	37.501	TRIPLE	47	68.0	91,900	2000	9,500	.38
9340	40.238	TRIPLE	43	61.7	89,400	2100	11,000	.37
9350	49.988	TRIPLE	35	50.2	90,300	2100	11,000	.36
9359	58.787	TRIPLE	30	43.3	91,600	2100	11,000	.35
9370	70.363	TRIPLE	25	36.9	93,500	2150	14,000	.34
9380	80.351	TRIPLE	22	31.9	92,300	2150	14,000	.32
93100	100.157	TRIPLE	17	25.4	91,600	2200	16,000	.27

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. Double 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.