

30800 SERIES QUICK CHANGE GEARS

REMELINDER



• IMPORTANT •

Install Quick Change Gears With Shoulder Facing Out Toward Gear Cover Bearings



Remember to refill gear cavity with good quality gear lube after quick change gear changes.

P/N 30800, Series

SAE 8620 Steel.

When ordering add Prefix 308 To Set Number

Example: 30801= Gear Set #1.

To Determine Gear RPM Change:

$$(\text{RPM}) \div (\text{Gear Ratio}) \times (\text{New Ratio}) = (\text{New RPM})$$

Example: $8000 \div 6.58 \times 6.35 = 7720$

To Determine Final Drive:

$$(\# \text{ Teeth Top Gear}) \div (\# \text{ Teeth Bottom Gear}) \times \text{R\&P Ratio} = \text{Final Drive}$$

Gear Set #	Low Spur Ratio	High Spur Ratio	No. of Teeth	2.00 R&P Ratio (17-34 Teeth)		3.08 R&P Ratio (12-37 Teeth)	
				Low	High	Low	High
01	1.000	1.000	21/21	2.00	2.00	3.08	3.08
15	0.950	1.052	19/20	1.90	2.10	2.93	3.25
25	0.909	1.100	20/22	1.82	2.20	2.80	3.39
17A	0.857	1.167	24/28	1.71	2.33	2.64	3.59
03	0.806	1.240	25/31	1.61	2.48	2.49	3.82
16	0.750	1.333	18/24	1.50	2.67	2.31	4.11
14	0.719	1.391	23/32	1.44	2.78	2.22	4.29
36	0.680	1.471	17/25	1.36	2.94	2.09	4.53
21	0.655	1.526	19/29	1.31	3.05	2.02	4.71
28	0.633	1.579	19/30	1.27	3.16	1.93	4.84
31	0.600	1.667	21/35	1.20	3.33	1.85	5.14



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