

**TRANSPORT & MECHANICAL
CONSULTING ENGINEER**

NILSSON ENGINEERING LTD.

WINCH V1000 GEARBOX

GEARBOX ASSEMBLY - PARTS LIST

<u>Item</u>	<u>Description</u>	<u>Drg. No.</u>	<u>No. off</u>
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80	Gearcase	4/ 1	1
81	Gearcase Cover	4/13	1
82	Motor Flange		1
83	Shaft		1
84	Worm Wheel	4/ 8	1
85	Worm	4/ 9	1
86a	Secondary Gear Pinion 2 : 1	4/19	1
86b	Secondary Gear Pinion 4 : 1	4/23	1
87a	Secondary Gear Wheel 2 : 1	4/20	1
87b	Secondary Gear Wheel 4 : 1	4/24	1
88	Output Shaft Bearing	4/21	1
89	Output Shaft Bearing Sleeve	4/22	1
90	3/8" B.S.W. Hex. Brass Nut		4
91	3/8" B.S.W. Dome Nut	4/18	3
92	Hoffman S7 Deep Groove Ball Race		2
93	Neoprene Oil Seal MIS 010		1
94	Thrust Washer		1
95	7/8" I.D. x 1" O.D. x 5/8" long bush		1
96	1/8" dia. x 5/8" long Spring Dowel		1
97	1/4" dia. x 1 1/2" long Spring Dowel		1
98	1/2" O.D. x 18 swg x 2-5/8" long Hollow Dowel		2
99	1/4" dia. x 1-1/8" long Spring Dowel		1
100	Thrust Sleeve [Graded Lengths]		1
101	7/8" dia. Automotive Frost Plug		1
102	1/4" sq. x 1-5/16" Long Key		1
103	5/8" I.D. x 23/32" O.D. x 5/8" long Glacier 10 DU 10 Bush		1
104	Motor		1
105	'O' Ring		1

* Continuing from V3000E Capstan and Gypsy Assembly and in lieu of alternative gearbox parts Nos. 48 to 79.