

NEW!

Renold BTL Series

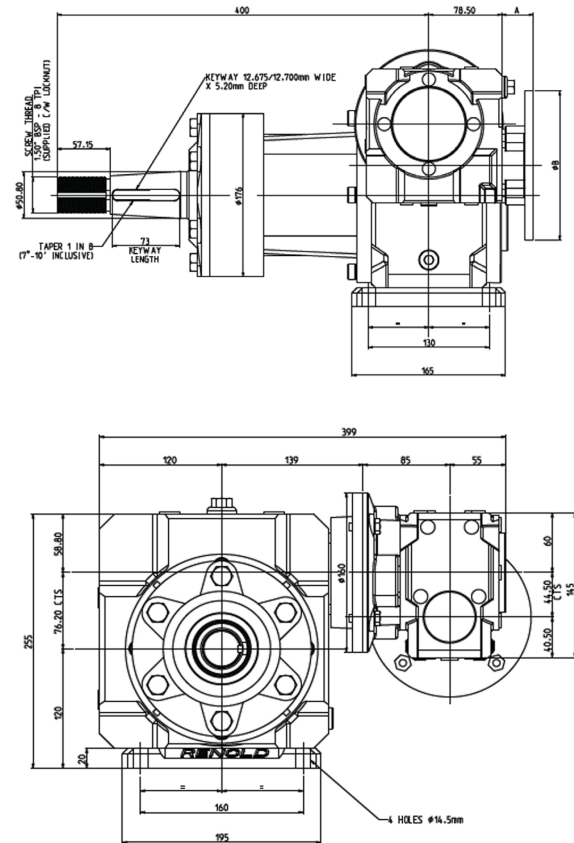
Bridge Scraper Drives

RENOLD | Gears

Free, no obligation,
site inspection

Specifications

- Close grain cast iron gear case for strength in arduous conditions
- High capacity cylindrical roller bearings on the output shafts to handle overhung loads
- Double reduction, high quality worm gearing for smooth operation and long life
- Tapered output shaft to accept existing drive wheel design
- Filtron breathers and epoxy paint finish optional

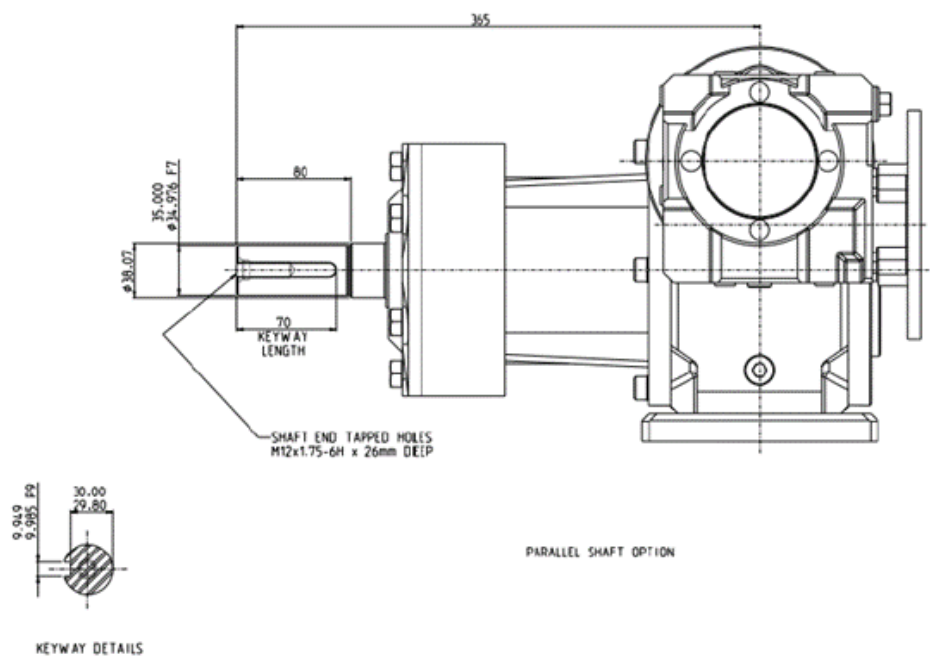


OPTIONS AVAILABLE

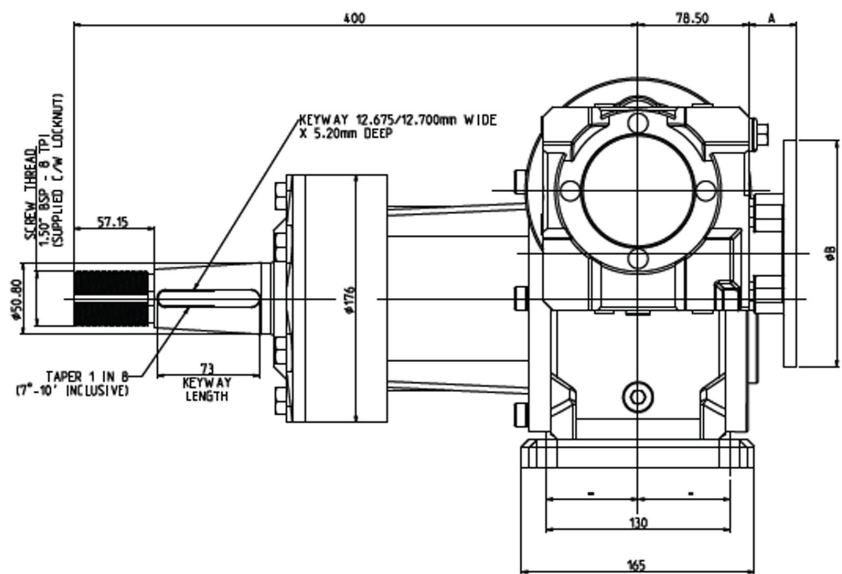
1. Ratio's

Wheel Dia. (mm) - 250						
Motor Speed Input (RPM)	Overall Ratio (Nom.)	Overall Ratio (Actual)	Output Speed (RPM)	Nominal Linear Speed	Input Power	Output Torque
1400	400	386.67	3.621	2.80	0.47	724
	450	465.00	3.011	2.35	0.27	504
	500	512.50	2.732	2.10	0.31	651
	600	625.00	2.240	1.70	0.36	862
	700	676.67	2.069	1.60	0.18	453
	750	750.00	1.867	1.40	0.31	861
	800	820.00	1.707	1.30	0.29	831
	900	900.00	1.556	1.20	0.26	838
	1000	1000.00	1.400	1.10	0.25	859
	1200	1250.00	1.120	0.90	0.21	858
	1400	1435.00	0.976	0.80	0.09	418
900	400	386.67	2.328	1.80	0.35	789
	450	465.00	1.935	1.50	0.30	839
	500	512.20	1.756	1.40	0.28	861
	600	625.00	1.440	1.10	0.24	859
	700	676.67	1.330	1.00	0.12	451
	750	750.00	1.200	0.90	0.21	858
	800	820.00	1.098	0.90	0.21	900
	900	900.00	1.000	0.80	0.18	835
	1000	1000.00	0.900	0.70	0.17	857
	1200	1250.00	0.720	0.60	0.14	855
	1400	1435.00	0.627	0.50	0.06	417

2. Shaft Type
/ Parallel



Tapered



3. Motorised or Motor Ready

Motorised 0.55 KW, 0.37KW & 0.25KW 4 and 6 Pole options

Motor Ready - D80 Flange

OTHER OPTIONS AVAILABLE

- a) Filton Breathers
- b) Food Grade Lubrication
- c) Two pack epoxy paint



The new Renold BTL gearbox has been designed specifically for travelling bridges with the benefit of being a drop-in replacement.

Powered by a double reduction worm gearbox they are ideal for the low speeds required to drive the bridges.

The BTL Series is readily available for a quick replacement solution, ensuring minimum downtime and disruption.

- Close grain cast iron gear case for strength in arduous conditions
- High capacity cylindrical roller bearings on the drive shaft to handle overhung loads
- Double reduction, high quality worm gearing for smooth operation and long life
- Fitted with filton breathers and benefitting from an epoxy paint finish to ensure a weather proof unit

- Drop-in design reducing the need for costly modifications
- Available from stock, reducing downtime
- Long service life, increasing maintenance intervals

Get in touch

For your local Renold sales and service location

1800 RENOLD / 1800 736 653



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www.renold.com.au



Contact us now for a free, no obligation, site inspection of your bridge scraper drives.

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