



A to B, seamlessly.



Conveyor Replacement Parts  
Your Maintenance Guide  
Meat Processing



It's how businesses get along

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When considering the purchase and installation of a conveyor system, you should also be considering the maintenance aspects of the system. If you have a conveyor system already installed, then you should be aware of the maintenance requirements!

We understand that sometimes maintenance can be well down the priority list, especially during peak times. So to help keep your system performing as designed and to prevent downtime and breakdowns, we have created a simple maintenance plan in an easy-to-use guide to make your life easier.

With this maintenance guide, cleaning and some simple awareness, your conveyor system will give you many years of reliable service with continuous high performance.

If you are going through the process of deciding whether to upgrade your existing system or start afresh with a new one - Dyno is here to help you.

We design, manufacture and supply conveyor system solutions for all types of applications across the country and abroad.




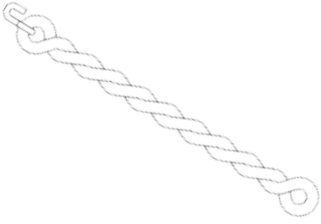

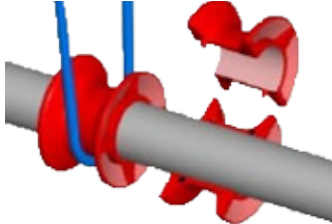
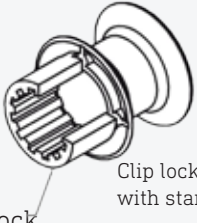
Call us today on 0800 144 044, visit our website [www.dyno.co.nz](http://www.dyno.co.nz) for more information.




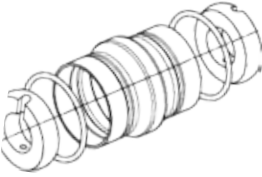


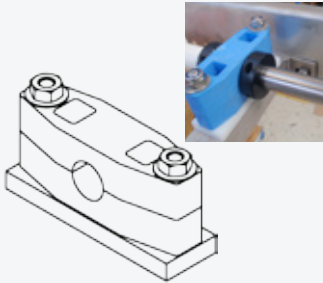

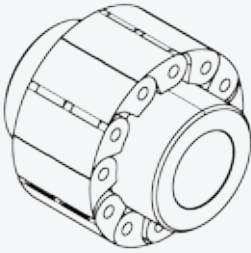

**\*DYNO Conveyors warranties equipment supplied free from defective materials and workmanship for a period of 5 years, subject to satisfactory care and maintenance and being used according to original specifications.**

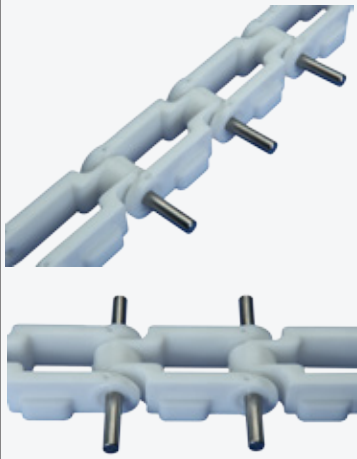


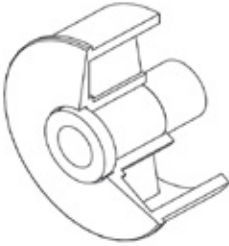
# MAINTANANCE CHECKLIST

|                         |   |  |
|-------------------------|---|--|
| <b>Daily Checks</b>     | <ol style="list-style-type: none"> <li>1. General Housekeeping and cleaning</li> <li>2. Cursory Inspection for correct operation</li> <li>3. Removal of foreign objects from the conveyor system</li> </ol>   |  |
| <b>Weekly Checks</b>    | <ol style="list-style-type: none"> <li>1. Check all rollers are rotating</li> <li>2. Clean or wipe PE sensor lenses and reflectors</li> </ol>   |  |
| <b>Monthly Checks</b>   | <ol style="list-style-type: none"> <li>1. Inspect roller condition</li> <li>2. Lubricate bearings (only if required)<br/>NB: Overgreasing can quickly lead to reliability issues.</li> <li>3. Check gearbox oil levels</li> <li>4. Check that gear motor is running correctly</li> <li>5. Inspect conveyor drive and remove any foreign material</li> <li>6. Inspect chain drive for correct tension</li> <li>7. Check for correct operation of limit switches and PE sensors</li> <li>8. Lubricate universal joints on curves</li> </ol> |  |
| <b>Quarterly Checks</b> | <ol style="list-style-type: none"> <li>1. Check roller and bearing condition</li> <li>2. Check drive sprocket and chain condition, adjust if necessary</li> <li>3. Check for loose guide rails, correct if necessary</li> </ol>   |  |
| <b>Annual Checks</b>    | <ol style="list-style-type: none"> <li>1. Grease conveyor drive chain</li> <li>2. Inspect components for wear and tear, replace as required</li> <li>3. Check conveyor bed condition, splice plates, support mounting, adjust bolts for loose equipment, tighten if required</li> <li>4. Visually check condition of electrical equipment</li> </ol>  |  |




| Product   | Description  | Order Code  |
|---|--|-------------|
|    | <p><b>Lineshaft conveyor drive band</b></p> <ul style="list-style-type: none"> <li>• Clear Urethane 4.75Ø</li> <li>• Ø96 I.D</li> <li>• 318mm overall length</li> <li>• Used between main lineshaft to roller (centre distance = 110 to 120mm)</li> </ul>  | DB96        |
|    | <p><b>Conveyor drive band</b></p> <ul style="list-style-type: none"> <li>• Ø90 I.D</li> <li>• 295mm overall length</li> <li>• Used to link roller to roller at 96mm pitch (50mm Roller)</li> </ul>   | DB90        |
|   | <p><b>Conveyor drive band</b></p> <ul style="list-style-type: none"> <li>• Ø73 I.D</li> <li>• 245mm overall length</li> <li>• Used to link roller to roller at 64mm pitch (50mm Roller)</li> </ul>   | DB73        |
|    | <p><b>Emergency drive band</b></p> <ul style="list-style-type: none"> <li>• Used for between main lineshaft to roller</li> <li>• Suits 110 to 120mm centre distances</li> <li>• 275mm overall length</li> <li>• Black Polyurethane</li> <li>• UV Resistant</li> </ul> <p style="text-align: right;">*Special Lengths available</p> | DB-E        |
|    | <p><b>Line shaft drive spool</b></p> <ul style="list-style-type: none"> <li>• To suit 25mm Ø shaft</li> <li>• Acetal</li> <li>• 31mm wide</li> </ul>   | Spool       |
|    | <p><b>Line shaft drive split spool - two piece</b></p> <ul style="list-style-type: none"> <li>• To suit 25mm Ø shaft</li> <li>• Acetal</li> <li>• 31mm wide</li> <li>• Ideal for emergencies or quick fix replacements</li> </ul> <p style="text-align: right;">*Speed up split spools also available</p>                          | Split Spool |
|  <p>Cliplock shown with standard spool</p> | <p><b>Line shaft Cliplock</b></p> <ul style="list-style-type: none"> <li>• To suit 25mm Ø shaft</li> <li>• Acetal</li> <li>• Designed to lock up spools for fixed direct drive to rollers</li> <li>• Can also be used to prevent spools wandering on shaft where tube spacer have not been fitted to conveyor</li> </ul>           | Cliplock    |



| Product   | Description   | Order Code                                |
|---|---|---|
|    | <p><b>Universal Joint for Tranzband (Lineshaft) Bends</b></p> <ul style="list-style-type: none"> <li>• Suits 25mm shaft</li> <li>• 1" available to order</li> </ul> <p>*Other sizes and double jointed units also available</p>   | <p>Universal joint</p>                    |
|    | <p><b>Universal Joint Guard</b></p> <ul style="list-style-type: none"> <li>• Fits over standard 25mm universal joint</li> <li>• Helps extend life of universal joint in heavy wash down areas</li> <li>• Health and safety benefit</li> </ul>   | <p>Universal guard</p>                    |
|    | <p><b>UC 205 Bearing Only</b></p> <ul style="list-style-type: none"> <li>• 25mm Shaft size</li> <li>• To suit P205 housing</li> </ul> <p>*Available as standard (UC205) and stainless steel (S.UC205)</p>   | <p>UC Bearing</p>                         |
|  | <p><b>UCP205 Cast Steel Bearing Housing and Bearing</b></p> <ul style="list-style-type: none"> <li>• Suits 25mm lineshaft</li> <li>• Not suitable for washdown</li> </ul>   | <p>UCP205(cast steel)</p>                 |
|  | <p><b>Acetal Line shaft Bearing Block</b></p> <ul style="list-style-type: none"> <li>• High Grade Acetal</li> <li>• No greasing or lubrication required</li> <li>• Replacement bearing for standard 25mm pillow block housing and bearing.</li> <li>• For washdown areas only</li> </ul> <p>*Replacement half block also available</p>  | <p>Lineshaft bearing block (complete)</p> |
|  | <p><b>White Plastic Bearing Housing</b></p> <ul style="list-style-type: none"> <li>• Suits 25mm lineshaft</li> <li>• Stainless steel bearing for washdown</li> </ul>  | <p>PH.P205(plastic)</p>                   |
|  | <p><b>Lineshaft Coupling</b></p> <ul style="list-style-type: none"> <li>• Corrosion resistant, no lubrication</li> <li>• Stainless Steel or Zinc Plated Sprockets available</li> <li>• Poly Acetal Chain</li> <li>• Temperature range from -5°C to 65°C</li> <li>• Angular misalignment = 1°</li> <li>• Parallel misalignment = 0.12mm</li> <li>• Total end float of 1mm</li> </ul> | <p>Lineshaft coupling assembly</p>        |
|  | <p><b>Lineshaft Coupling - Chain only</b></p>   | <p>Lineshaft coupling chain</p>           |

| Product   | Description  | Order Code   |                       |              |     |                |                                  |                |                             |              |     |   |
|---|--|--|-----------------------|--------------|-----|----------------|----------------------------------|----------------|-----------------------------|--------------|-----|---|
|    | <p><b>Thermoplastic Dyno Chain</b></p> <ul style="list-style-type: none"> <li>• White Acetal</li> <li>• Max average working load: 860kg</li> <li>• Workable temperature range: -40° C to 80° C</li> <li>• 3/8" (9.5mm) stainless steel pins</li> </ul> <p><i>*Other materials available for specific applications.</i></p> <p>Pin Options below</p> <ul style="list-style-type: none"> <li>• Standard Short Pin</li> <li>• Extended Pin Left/Right Hand</li> <li>• Double Extended Pin</li> </ul> <p><i>*Other configurations for specific applications.</i></p>   |  |                       |              |     |                |                                  |                |                             |              |     |   |
|   | <p><b>Dyno 600 Chain - 2.5" Pitch</b></p> <p><b>Dyno 300 Chain - 3" Pitch</b></p> <p><i>*When ordering chain please state the metres require and use description listed on left; e.g 15m of Dyno600 LH Extended pin acetal chain.</i></p>  | <p>Dyno600</p> <p>Dyno300</p>  |                       |              |     |                |                                  |                |                             |              |     |   |
|  | <p><b>Dyno Chain Sprockets</b></p> <ul style="list-style-type: none"> <li>• Available in Aluminium and Polyethylene</li> <li>• Standard stock; 6 to 14 tooth</li> <li>• Can be bored and keyed</li> </ul>  | <p>When ordering chain please state chain type and number of teeth</p> |                       |              |     |                |                                  |                |                             |              |     |   |
|  | <p><b>Plastic Bushed Endcap</b></p> <ul style="list-style-type: none"> <li>• Load capacity 15kg.</li> <li>• Available to suit 5, 6, 8, 9.5, 10, 11, 12, 12.7mm shafts</li> <li>• Blind bush available for 8 and 9.5mm shaft sizes</li> </ul> <table border="1" data-bbox="516 1712 1138 1969"> <thead> <tr> <th>Tube Size</th> <th>To suit tube material</th> </tr> </thead> <tbody> <tr> <td>42mm x 2.5mm</td> <td>PVC</td> </tr> <tr> <td>48.3mm x 2.8mm</td> <td>PVC, Galvanised, Stainless Steel</td> </tr> <tr> <td>50.8mm x 1.6mm</td> <td>Galvanised, Stainless Steel</td> </tr> <tr> <td>60mm x 2.8mm</td> <td>PVC</td> </tr> </tbody> </table> <p><i>*See Technical Catalogue pgs 9-15 for more details</i></p> | Tube Size  | To suit tube material | 42mm x 2.5mm | PVC | 48.3mm x 2.8mm | PVC, Galvanised, Stainless Steel | 50.8mm x 1.6mm | Galvanised, Stainless Steel | 60mm x 2.8mm | PVC | <p>420 (P32D)</p> <p>480 (P40D)</p> <p>510 (S2)</p> <p>600 (P50C)</p> |
| Tube Size   | To suit tube material  |  |                       |              |     |                |                                  |                |                             |              |     |   |
| 42mm x 2.5mm  | PVC  |  |                       |              |     |                |                                  |                |                             |              |     |   |
| 48.3mm x 2.8mm  | PVC, Galvanised, Stainless Steel   |  |                       |              |     |                |                                  |                |                             |              |     |   |
| 50.8mm x 1.6mm  | Galvanised, Stainless Steel  |  |                       |              |     |                |                                  |                |                             |              |     |   |
| 60mm x 2.8mm  | PVC  |  |                       |              |     |                |                                  |                |                             |              |     |   |

| Product   | Description   | Order Code             |
|---|---|------------------------|
|    | <p><b>Plastic Skate Wheels</b></p> <ul style="list-style-type: none"> <li>• Load Capacity 20kg</li> <li>• White acetal inner and outer race</li> <li>• Nylon Cage with Stainless Steel Balls</li> <li>• Foodgrade/washdown</li> <li>• Ideal for empty cartons</li> </ul>        | <p>SKW482</p>          |
|    | <p><b>Ball Transfer Unit</b></p> <ul style="list-style-type: none"> <li>• Load Capacity 50kg</li> <li>• Stainless Steel pressing and balls</li> </ul>   | <p>BT253-B-SS</p>      |
|    | <p><b>Stainless Steel Ball Transfer Unit</b></p> <ul style="list-style-type: none"> <li>• Load Capacity 60kg</li> <li>• Stainless Steel pressing and balls</li> </ul>   | <p>BT253SS-F</p>       |
|   | <p>A full range of Stainless Steel and Zinc Plated Ball Transfer's available for purchase.</p> <p><i>*See Technical Catalogue page 25</i></p>   |                        |
|  | <p><b>Multi Directional Roller</b></p> <ul style="list-style-type: none"> <li>• Black acetal cores</li> <li>• Grey acetal rollers</li> <li>• Stainless Steel axles</li> <li>• Connecting piece to make double rollers</li> <li>• Available in 50mm and 80mm diameter</li> </ul> | <p>MTR50<br/>MTR80</p> |
|  | <p><b>Stainless Steel Guiderails</b></p>  | <p>SS Guiderail</p>    |
|  | <p><b>Stainless Steel Guiderail Clamps and Accessories</b></p> <p>Including: Guide rail Clamp Assembly<br/>Guide rail Lower Mount<br/>Guide rail Top Clamp (pair)</p>   |                        |
|  | <p><b>Replacement Belts</b></p> <p>Dyno can supply a range of replacement belts; PVC, rubber, urethane, cleated.</p> <p>Ask us about Modular Belting - Including brands such as Intralox and Habasit</p>  |                        |
|  | <p><b>Drive Motor Units</b></p> <p>Dyno can supply replacement drive motors and gear-boxes for all applications.</p>  |                        |

| Product   | Description   | Order Code               |
|---|---|--------------------------|
|    | <p><b>Conveyor Roller Bearing (for PVC Roller)</b></p> <ul style="list-style-type: none"> <li>To suit 48.3 x 2.8 Dynopipe (PVC) tube</li> <li>Load capacity 25kg.</li> <li>Acetal inner and outer race</li> <li>Stainless Steel ball bearings</li> <li>Available to suit 10, 10.6Q, 11H, 12mm shafts</li> </ul>   | <p>482- (shaft size)</p> |
|    | <p><b>Conveyor Roller Bearing (for Galv, SS rollers)</b></p> <ul style="list-style-type: none"> <li>Suits 50 x 1.5 and 50.8 x 1.85mm Galv Tube, and 50 x 1.5 and 50.8 x 2mm Stainless Steel tube</li> <li>Load capacity 100kg.</li> <li>Black polypropylene housing and Labyrinth seal</li> <li>Takes standard 6202 precision bearing</li> <li>Available to suit: 8, 10, 10.6Q, 11H, 12, 14mm shafts</li> </ul> <p><i>*507 Blind Bearings available for fully sealed (507B-Shaft size)</i></p>  | <p>507- (shaft size)</p> |
|   | <p><b>Blind Pin</b></p> <ul style="list-style-type: none"> <li>Black Nylon</li> <li>Stainless Steel M8 nut with Nyloc Washer inside</li> <li>Requires M8 x 30mm Long Bolt</li> <li>Roller OBL = IF - 25mm</li> <li>Available in Stainless Steel</li> </ul> <p><i>*For use with 507 and 507B Roller Bearings</i></p>   | <p>BP12</p>              |
|  | <p>A full range of bearings available for purchase.</p> <p><i>*See Technical Catalogue pages 7-19</i></p>   |                          |
|  | <p><b>Double Row Sprocket</b></p> <ul style="list-style-type: none"> <li>Black nylon or zinc plated steel body</li> <li>Black polupropylene labyrinth and reducer bush</li> <li>14 tooth</li> <li>1/2" pitch</li> <li>Fixed drive (Z14DF)</li> <li>Loose (Z14DL)</li> <li>Fits a range of tube sizes with adaptors</li> <li>Standard 12mm bore</li> <li>Can be fitted with any 507 series labyrinth for other shaft sizes</li> <li>Zinc Plated Steel Type (ZM14D)</li> </ul> <p><i>Option; Stainless steel precision bearings</i></p> | <p>Z14D</p>              |



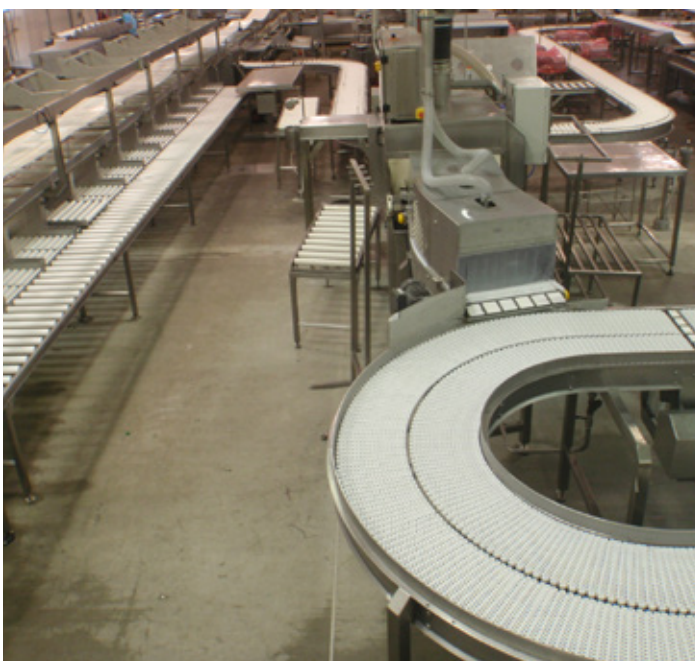
## Dyno Rollers manufactured to order.

The following rollers listed below are standard diameters and materials. Rollers can be made to any length required, however recommended load ratings should be adhered to.

When ordering, please also state what the roller is being used for e.g. gravity roller or powered roller and please specify the shaft size required.

Tapered rollers for bends and a range of sprocket driven rollers also available. See Technical Catalogue or call us on 0800 144 044.

| Tube Size | Material                      |
|-----------|-------------------------------|
| 200       | Aluminium, Plastic, SS        |
| 250       | Dynopipe, Galv Steel, SS      |
| 300       | Aluminium, Plastic            |
| 320       | Galv Steel, SS                |
| 380       | Galv Steel, SS                |
| 420       | Plastic                       |
| 480       | Dynopipe                      |
| 500       | Aluminium, Dynopipe, Galv, SS |
| 510       | Aluminium, Galv, SS           |
| 600       | Plastic, Galv, SS             |
| 760       | Galv, Plastic                 |
| 890       | Aluminium, Plastic, Galv, SS  |
| 1140      | Plastic, Galv, SS             |



| Tube Outside Diameter |  |
|-----------------------|--|
| Ø20                   |  |
| Ø25                   |  |
| Ø30                   |  |
| Ø32                   |  |
| Ø38                   |  |
| Ø42                   |  |
| Ø48                   |  |
| Ø50                   |  |
| Ø51                   |  |
| Ø60                   |  |
| Ø76                   |  |
| Ø89                   |  |
| Ø114                  |  |
| Other                 |  |

| Tube Material   |  |
|-----------------|--|
| Plastic         |  |
| Dynopipe        |  |
| Galv. steel     |  |
| Stainless steel |  |

| Tube Wall Thickness |  |
|---------------------|--|
| Standard            |  |
| Heavy duty          |  |
| Other               |  |

| Shaft Size |  |
|------------|--|
| Ø6         |  |
| Ø8         |  |
| 8mm Hex    |  |
| Ø9.5       |  |
| Ø10        |  |
| 10Q (Al)   |  |
| Ø11        |  |
| 11mm Hex   |  |
| Ø12        |  |
| Ø12.7      |  |
| Ø15        |  |
| Ø16        |  |
| 16mm Hex   |  |
| Ø17        |  |
| Ø19        |  |
| Ø20        |  |
| Ø25        |  |
| Other      |  |

| Shaft Material  |  |
|-----------------|--|
| Mild steel      |  |
| Stainless steel |  |
| Aluminium       |  |
| Other           |  |

| Cross Drilled     |  |
|-------------------|--|
| One end           |  |
| Both ends         |  |
| Hole size         |  |
| Distance from end |  |

| Flats           |    |
|-----------------|----|
| One end         |    |
| Both ends       |    |
| Length of flats | mm |
| Across flats    | mm |

| Threads        |    |
|----------------|----|
| Female threads |    |
| Male threads   |    |
| One end        |    |
| Both ends      |    |
| Thread size    |    |
| Thread depth   | mm |

| Bearing Type                     |  |
|----------------------------------|--|
| Bushed                           |  |
| Plastic race, carbon steel balls |  |
| Plastic race, S/S balls          |  |
| Steel (unground)                 |  |
| Steel (precision)                |  |
| Plastic housing (precision)      |  |
| Stainless steel (precision)      |  |

| Shaft Details |  |
|---------------|--|
| Loose         |  |
| Spring loaded |  |
| Fixed         |  |

| Bearing Extras |  |
|----------------|--|
| Antistatic     |  |
| Blind          |  |
| Greased        |  |
| Sealed         |  |

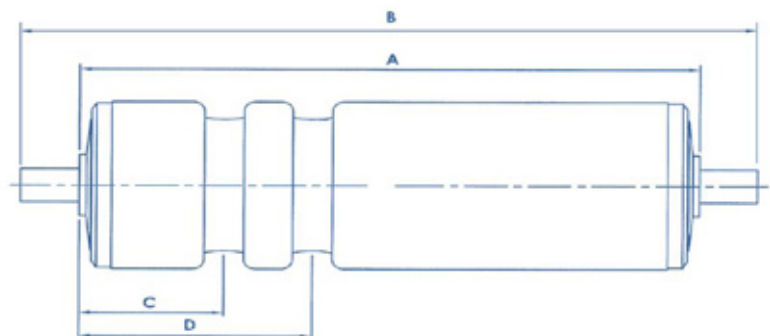
| Extras             |  |
|--------------------|--|
| Tapers             |  |
| Details            |  |
| Grooves            |  |
| Position No. 1 (C) |  |
| Position No. 2 (D) |  |
| Sprockets          |  |
| Single             |  |
| Double             |  |
| Fixed              |  |
| Loose              |  |
| Rubber coating     |  |
| Other              |  |

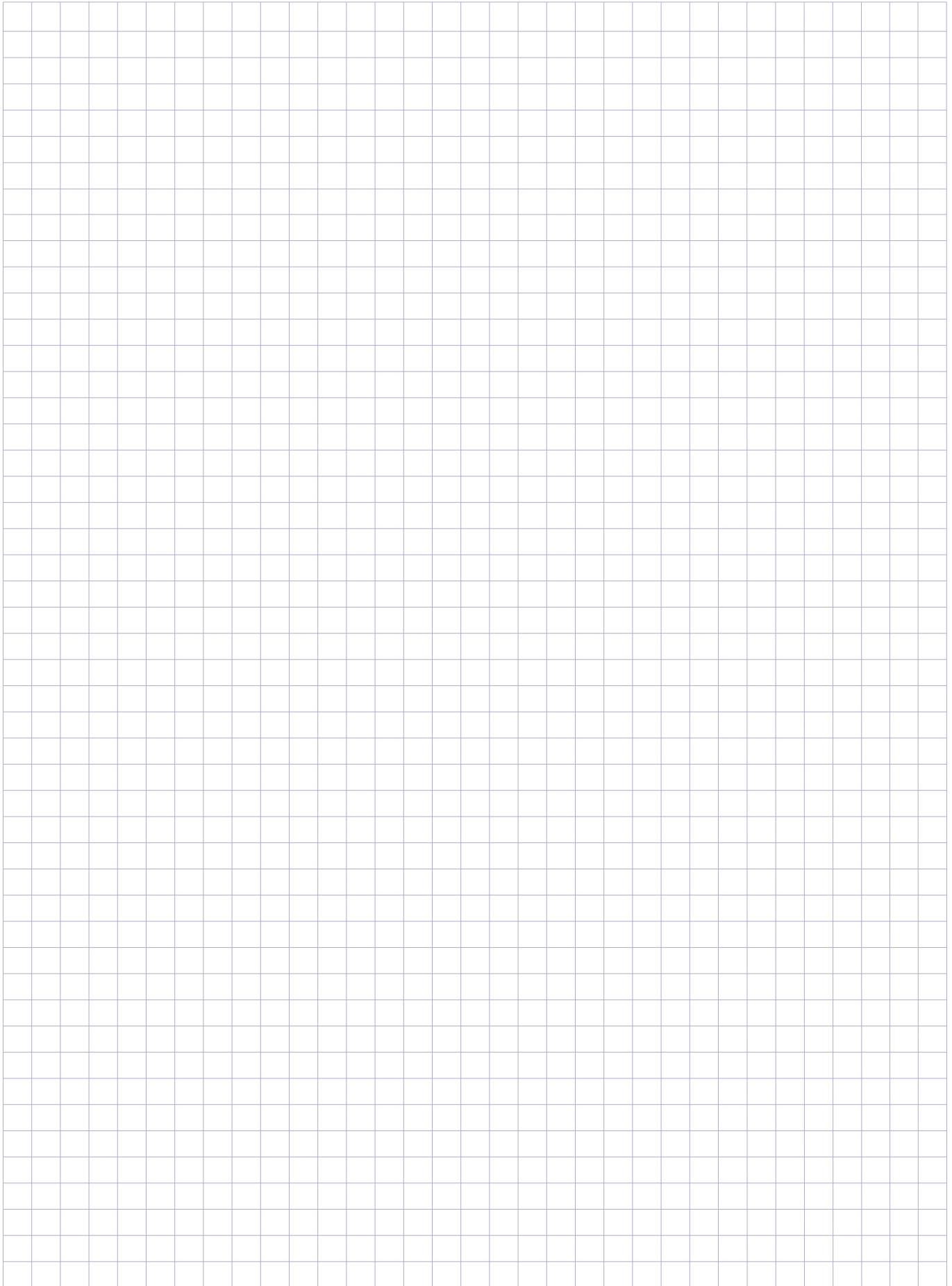
| Roller Length (mm)            |  |
|-------------------------------|--|
| Inside frame (IF)             |  |
| Over bearing length (OBL) (A) |  |
| Non standard shaft length (B) |  |

Standard Spring Loaded shaft lengths

- Ø6mm = OBL + 25mm
- Ø8 - Ø15mm = OBL + 30mm
- Ø16mm plus = OBL + 40mm

| Quantity Required |  |
|-------------------|--|
|                   |  |









A to B, seamlessly.



Auckland 09 320 5535  
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**DYNO**<sup>®</sup>  
CONVEYORS

It's how businesses get along