



A to B, seamlessly.



Conveyor Replacement Parts
Your Maintenance Guide
Fruit & Vegetable



It's how businesses get along

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.

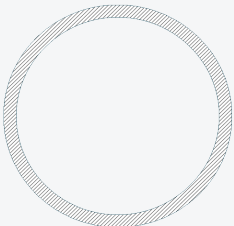
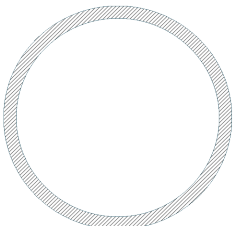
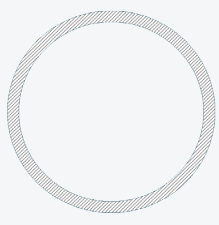
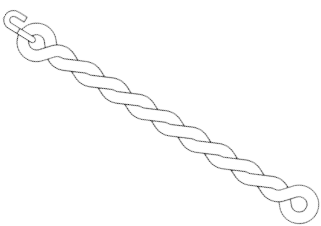

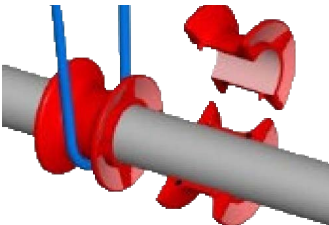
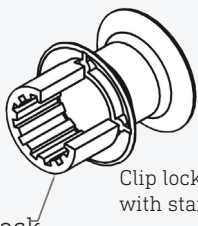
Call us today on 0800 144 044, visit our website www.dyno.co.nz for more information.


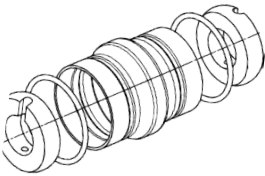


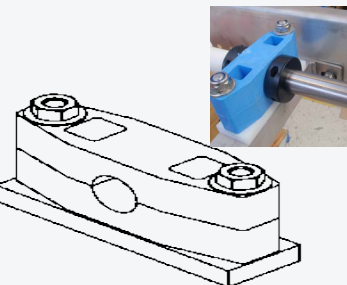

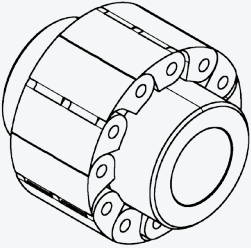



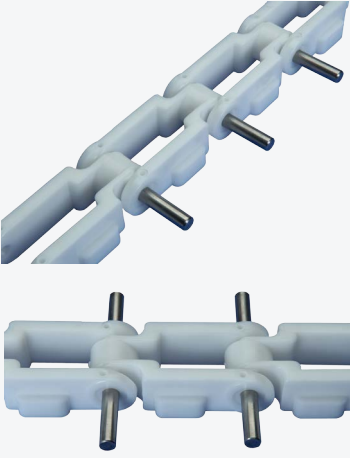


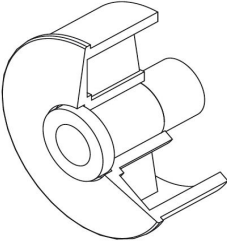
***DYNO Conveyors warranties equipment supplied free from defective materials and workmanship for a period of 5 years, subject to satisfactory care and maintenance and being used according to original specifications.**

MAINTANANCE CHECKLIST

Daily Checks	<ol style="list-style-type: none"> 1. General Housekeeping and cleaning 2. Cursory Inspection for correct operation 3. Removal of foreign objects from the conveyor system 	
Weekly Checks	<ol style="list-style-type: none"> 1. Check all rollers are rotating 2. Clean or wipe PE sensor lenses and reflectors 	
Monthly Checks	<ol style="list-style-type: none"> 1. Inspect roller condition 2. Lubricate bearings (only if required) NB: Overgreasing can quickly lead to reliability issues. 3. Check gearbox oil levels 4. Check that gear motor is running correctly 5. Inspect conveyor drive and remove any foreign material 6. Inspect chain drive for correct tension 7. Check for correct operation of limit switches and PE sensors 8. Lubricate universal joints on curves 9. Tranzband Conveyors - check all drivebands are running 	
Quarterly Checks	<ol style="list-style-type: none"> 1. Check roller and bearing condition 2. Check drive sprocket and chain condition, adjust if necessary 3. Check for loose guide rails, correct if necessary 	
Annual Checks	<ol style="list-style-type: none"> 1. Grease conveyor drive chain 2. Inspect components for wear and tear, replace as required 3. Check conveyor bed condition, splice plates, support mounting, adjust bolts for loose equipment, tighten if required 4. Visually check condition of electrical equipment 	

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

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

Product	Description	Order Code										
	<p>Thermoplastic Dyno Chain</p> <ul style="list-style-type: none"> • White Acetal • Max average working load: 860kg • Workable temperature range: -40° C to 80° C • 3/8" (9.5mm) stainless steel pins <p><i>*Other materials available for specific applications.</i></p> <p>Pin Options below</p> <ul style="list-style-type: none"> • Standard Short Pin • Extended Pin Left/Right Hand • Double Extended Pin <p><i>*Other configurations for specific applications.</i></p>											
	<p>Dyno 600 Chain - 2.5" Pitch</p> <p>Dyno 300 Chain - 3" Pitch</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>Dyno Chain Sprockets</p> <ul style="list-style-type: none"> • Available in Aluminum and Polyethylene • Standard stock; 6 to 14 tooth • Can be bored and keyed 	<p>When ordering chain please state chain type and number of teeth</p>										
	<p>Plastic Bushed Endcap</p> <ul style="list-style-type: none"> • Load capacity 15kg. • Available to suit 5, 6, 8, 9.5, 10, 11, 12, 12.7mm shafts • Blind bush available for 8 and 9.5mm shaft sizes <table border="1" data-bbox="501 1682 1129 1935"> <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											
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50.8mm x 1.6mm	Galvanised, Stainless Steel											
60mm x 2.8mm	PVC											

Product	Description	Order Code
	<p>Plastic Skate Wheels</p> <ul style="list-style-type: none"> • Load Capacity 20kg • White acetal inner and outer race • Nylon Cage with Stainless Steel Balls • Foodgrade/washdown • Ideal for empty cartons 	SKW482
	<p>Ball Transfer Unit</p> <ul style="list-style-type: none"> • Load Capacity 50kg • Stainless Steel pressing and balls 	BT253-B-SS
	<p>Stainless Steel Ball Transfer Unit</p> <ul style="list-style-type: none"> • Load Capacity 60kg • Stainless Steel pressing and balls 	BT253SS-F
	<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>Multi Directional Roller</p> <ul style="list-style-type: none"> • Black acetal cores • Grey acetal rollers • Stainless Steel axles • Connecting piece to make double rollers • Available in 50mm and 80mm diameter 	<p>MTR50</p> <p>MTR80</p>
	<p>Stainless Steel Guiderails</p>	SS Guiderail
	<p>Stainless Steel Guiderail Clamps and Accessories</p> <p>Including: Guide rail Clamp Assembly Guide rail Lower Mount Guide rail Top Clamp (pair)</p>	
	<p>Replacement Belts</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>Drive Motor Units</p> <p>Dyno can supply replacement drive motors and gear-boxes for all applications.</p>	

Product	Description	Order Code
	<p>Conveyor Roller Bearing (for PVC Roller)</p> <ul style="list-style-type: none"> To suit 48.3 x 2.8 Dynopipe (PVC) tube Load capacity 25kg. Acetal inner and outer race Stainless Steel ball bearings Available to suit 10, 10.6Q, 11H, 12mm shafts 	482- (shaft size)
	<p>Conveyor Roller Bearing (for Galv, SS rollers)</p> <ul style="list-style-type: none"> 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 Load capacity 100kg. Black polypropylene housing and Labyrinth seal Takes standard 6202 precision bearing Available to suit: 8, 10, 10.6Q, 11H, 12, 14mm shafts <p><i>*507 Blind Bearings available for fully sealed (507B-Shaft size)</i></p>	507- (shaft size)
	<p>Blind Pin</p> <ul style="list-style-type: none"> Black Nylon Stainless Steel M8 nut with Nyloc Washer inside Requires M8 x 30mm Long Bolt Roller OBL = IF - 25mm Available in Stainless Steel <p><i>*For use with 507 and 507B Roller Bearings</i></p>	BP12
	<p>A full range of bearings available for purchase.</p> <p><i>*See Technical Catalogue pages 7-19</i></p>	
	<p>Double Row Sprocket</p> <ul style="list-style-type: none"> Black nylon or zinc plated steel body Black polupropylene labyrinth and reducer bush 14 tooth 1/2" pitch Fixed drive (Z14DF) Loose (Z14DL) Fits a range of tube sizes with adaptors Standard 12mm bore Can be fitted with any 507 series labyrinth for other shaft sizes Zinc Plated Steel Type (ZM14D) <p><i>Option; Stainless steel precision bearngs</i></p>	Z14D
	<p>Complete Water Bag with Bung</p> <ul style="list-style-type: none"> White PVC 210 x 220mm Loop for easily sliding onto shaft Put alongside your conveyor to protect fruit from damage 	Waterbag

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	

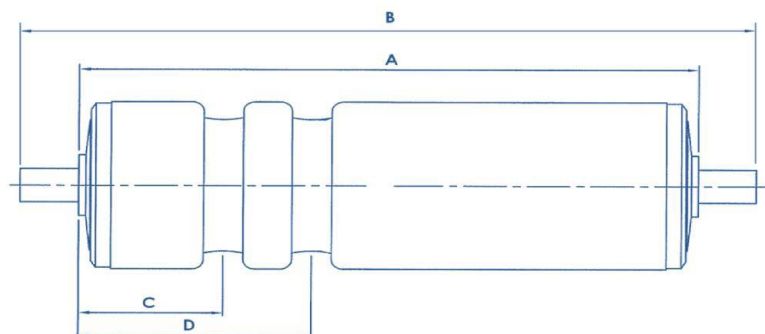
Extras	
Tapers	
Details	
Grooves	
Position No. 1 (C)	
Position No. 2 (D)	
Sprockets	
Single	
Double	
Fixed	
Loose	
Rubber coating	
Other	

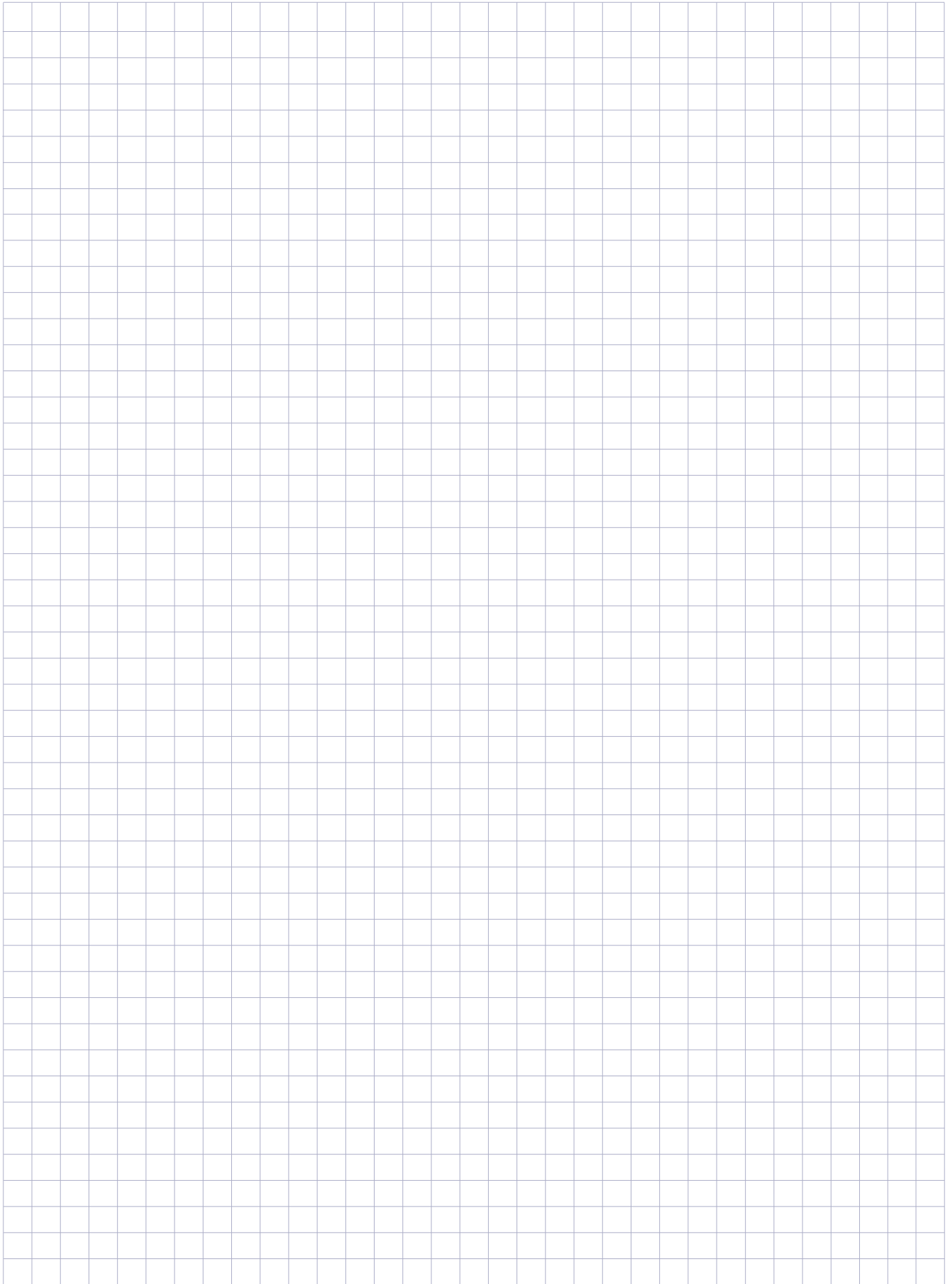
Roller Length (mm)	
Inside frame (IF)	
Over bearing length (OBL) (A)	
Non standard shaft length (B)	

Standard Spring Loaded shaft lengths

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

Quantity Required	







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