



# Yamato Weigh Scale Bearing Components



**Original  
Components**



**Non-Corrosive  
Components**



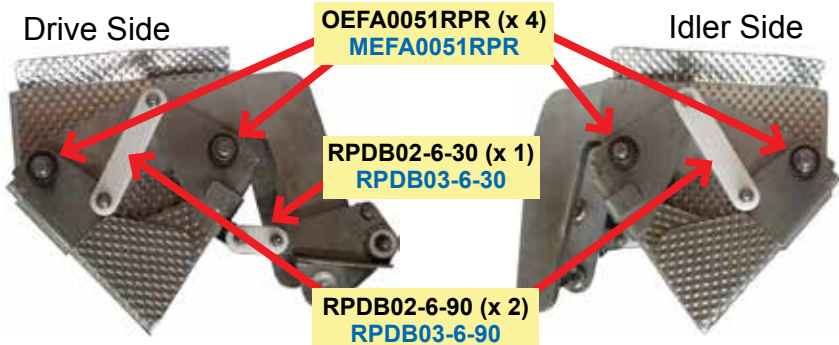
**Non-Corrosive &  
Metal Detectable  
Components**

## **Weigh scale bearings by EDT are made of stainless steel and polymer to operate reliably over time**

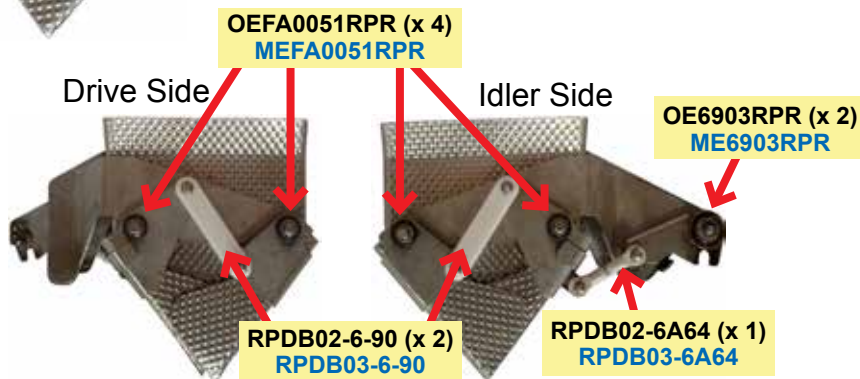
- Eliminate the rusting of standard components
- No grease; USDA accepted
- Unaffected by washdown
- Save time: Bucket maintenance significantly reduced
- Made in U.S.A.



# Yamato Model ADW-714SWH

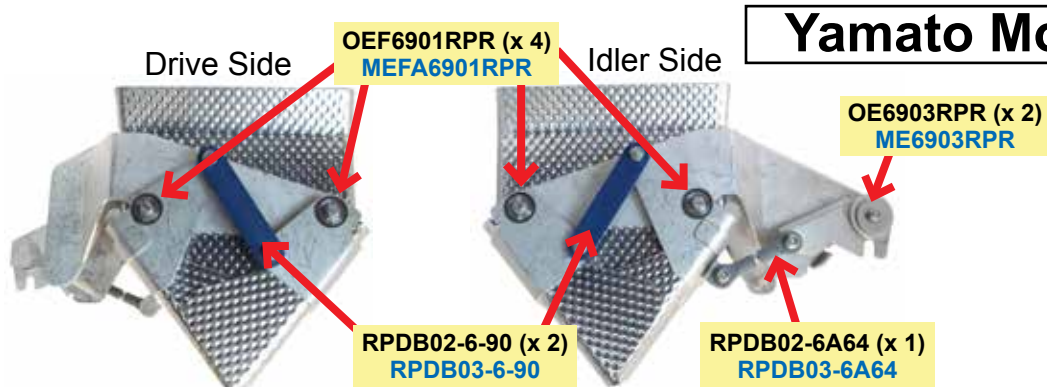


**Total Retrofit Weigh Bucket Components on Yamato ADW-714SWH**



**Total Retrofit Feed Bucket Components on Yamato ADW-714SWH**

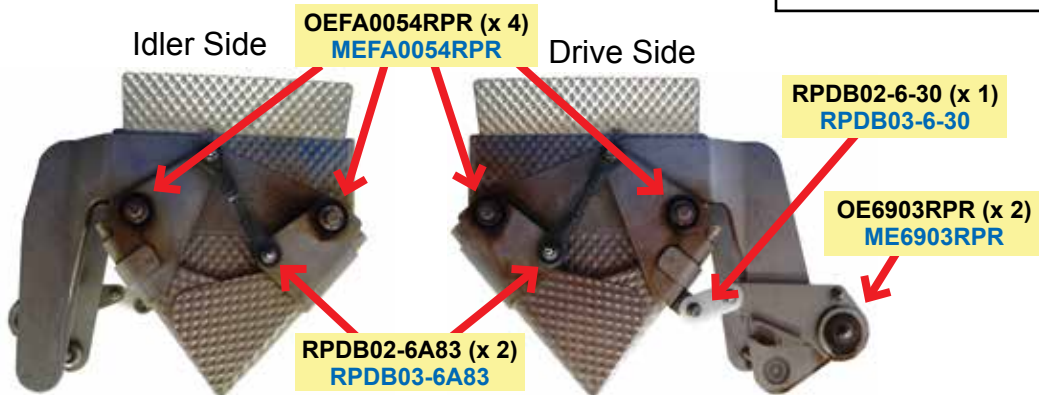
**Part Number Key**  
 Black = White Poly  
 Blue = Metal Detectable



**Total Retrofit Feed Bucket Components on Yamato ADW-720SW**

**Part Number Key**  
 Black = White Poly  
 Blue = Metal Detectable

# Yamato Model ADW-714SW



**Total Retrofit Weigh Bucket Components on Yamato ADW-714SW**

**Part Number Key**  
 Black = White Poly  
 Blue = Metal Detectable



COMPARING THE COST OF OWNERSHIP  
**EDT BEARINGS ON YAMATO SCALE ADW-714SWH**  
 VERSUS STANDARD REPLACEMENT PARTS




**Costs with Yamato Original Equipment Parts**

**Based On**


Bushings lasting 2 months  
 Ball bearings lasting 6 months  
 Linkage lasting 1 year

**Scale Components & Labor Costs in 1 Year**


▪ **Cost to Purchase Bushing**

SA44117A0051 \$15.00  
 4 bushings per feed bucket + 4 bushings per  
 weigh bucket = 8 bearings / head x 14 heads x 112  
 \$1,680.00  
 Replace bushing 6 times per year x 6  
**\$10,080.00**

▪ **Cost to Purchase Bearings**

SA44117A0013 (6903) \$36.00  
 2 bearings per feed bucket x 14 buckets/scale x 28  
 \$1,008.00  
 Replace bearings 2 times per year x 2  
**\$2,016.00**

▪ **Cost to Purchase Linkages**

GB02302A0496 \$148.00  
 2 linkages per feed bucket + 2 linkages per  
 weigh bucket = 4 linkages / head x 14 heads x 56  
 \$8,288.00  
 Replace linkage 1 time per year x 1  
**\$8,288.00**

**One year component costs \$20,384.00**

▪ **Cost to Rebuild Buckets with OEM Components**

Labor: \$35/hour x 45 minutes per bucket \$26.25  
 28 buckets per scale x 28  
 Labor cost to rebuild 1 scale 1 time \$735.00  
 Yamato components require 6 rebuilds/year x 6  
**One year component costs \$4,410.00**

**Total annual cost OEM parts + labor \$24,794.00**


**Costs with EDT Scale Components**

**Based On**


Interchanging bushing + ball bearings to  
 EDT Radial Poly-Round® units  
 plus using EDT polymer/stainless linkage  
**All components lasting 1 year**

**Scale Components & Labor Costs in 1 Year**


▪ **Cost to Purchase Radial Poly-Round®**

OEFA0051RPR \$84.00  
 4 bearings per feed bucket + 4 bearings per  
 weigh bucket = 8 bearings / head x 14 heads x 112  
 \$9,408.00  
 Replace RPR every 12 months x 1  
**\$9,408.00**

▪ **Cost to Purchase Radial Poly-Round®**

OE6903RPR \$71.00  
 2 bearings per feed bucket x 14 buckets/scale x 28  
 \$1,988.00  
 Replace RPR every 12 months x 1  
**\$1,988.00**

▪ **Cost to Purchase Linkages**

RPDB03-6-90 \$127.00  
 2 linkages per feed bucket + 2 linkages per  
 weigh bucket = 4 linkages / head x 14 heads x 56  
 \$7,112.00  
 Replace linkage 1 time per year x 1  
**\$7,112.00**

**One year component costs \$18,508.00**

▪ **Cost to Rebuild Buckets with EDT Components**

Labor: \$35/hour x 45 minutes per bucket \$26.25  
 28 buckets per scale x 28  
 Labor cost to rebuild 1 scale 1 time \$735.00  
 EDT components require 1 rebuild/year x 1  
**One year component costs \$735.00**

**Total annual cost OEM parts + labor \$19,243.00**

Original Equipment total one-year costs \$24,794.00  
 versus EDT component total one-year costs \$19,243.00  
**1 year savings with EDT - per scale \$5,551.00**

Per each Yamato ADW-714SWH  
 X (example) 4 scales in a facility  
**= \$22,204.00**

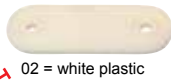
**Additional EDT parts can be interchanged to realize further savings.**

The above illustration is based on average plant conditions  
 Individual results can vary based on installation and maintenance practices, and environmental conditions.

# Yamato Scale Components

EDT polymer and stainless plane bearing links, rod ends and radial bearings directly replace original equipment weigh scale components with NO grease and NO rust. The advantage is reliable operation without contamination, and reduced maintenance cycles.

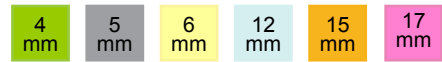
## Linkages



### Part No. Key (RPDB02-6-28)

- RP Rod end polymer
- D Link material white
- 3 Link material metal detectable
- B Assembly
- 02 White plastic ball
- 03 Metal detectable ball
- 6 Bore size
- 28 Center-to-Center

## ID Size Color Key

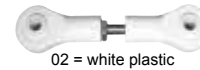


All White Assembly p/n (1 link + 2 balls)	Components (1 ea) Link only	Components (2 ea) Balls / unit	Center to Center Distance	Metal Detectable Assembly p/n (1 link + 2 balls)	Components (1 ea) Link only	Components (2 ea) Balls / unit
RPDB02-4-28	*RPD-4-28*	4MM BALL	28 mm	RPDB03-4-28	*RP3-4-28*	4ME BALL
RPDB02-4-34	RPD-4-34	4MM BALL	34 mm	RPDB03-4-34	RP3-4-34	4ME BALL
RPDB02-4-38	RPD-4-38	4MM BALL	38 mm	RPDB03-4-38	RP3-4-38	4ME BALL
RPDB02-4-50	RPD-4-50	4MM BALL	50 mm	RPDB03-4-50	RP3-4-50	4ME BALL
RPDB02-4-54	RPD-4-54	4MM BALL	54 mm	RPDB03-4-54	RP3-4-54	4ME BALL
RPDB02-4-63	RPD-4-63	4MM BALL	63 mm	RPDB03-4-63	RP3-4-63	4ME BALL
RPDB02-4-67	RPD-4-67	4MM BALL	67 mm	RPDB03-4-67	RP3-4-67	4ME BALL
RPDB02-6-28	RPD-6-28	6MM BALL	28 mm	RPDB03-6-28	RP3-6-28	6ME BALL
RPDB02-6-30	RPD-6-30	6MM BALL	30 mm	RPDB03-6-30	RP3-6-30	6ME BALL
RPDB02-6-35	RPD-6-35	6MM BALL	35 mm	RPDB03-6-35	RP3-6-35	6ME BALL
RPDB02-6-45	RPD-6-45	6MM BALL	45 mm	RPDB03-6-45	RP3-6-45	6ME BALL
RPDB02-6-65	RPD-6-65	6MM BALL	65 mm	RPDB03-6-65	RP3-6-65	6ME BALL
RPDB02-6-86	RPD-6-86	6MM BALL	86 mm	RPDB03-6-86	RP3-6-86	6ME BALL
RPDB02-6-90	RPD-6-90	6MM BALL	90 mm	RPDB03-6-90	RP3-6-90	6ME BALL
RPDB02-6-95	RPD-6-95	6MM BALL	95 mm	RPDB03-6-95	RP3-6-95	6ME BALL
RPDB02-6-99	RPD-6-99	6MM BALL	99 mm	RPDB03-6-99	RP3-6-99	6ME BALL

## Rod Ends



Original component



02 = white plastic



03 = blue metal detectable

### Part No. Key (RPDB02-6A64)

- R Rod end
- P Polymer
- F Female
- R Right hand threads
- 02 White plastic ends
- 03 Metal detectable ends
- 6 Bore size
- A white plastic
- 64 Minimum adjust size

	Standard	Replacement polymer ends	Metal Detectable	Replacement MD Polymer Ends
Adjusts 63-73 mm	RPDB02-6A64	RPFR6A-6	RPDB03-6A64	RPF36A-6
Adjusts 83-110 mm	RPDB02-6A83	RPFR8A-6	RPDB03-6A83	RPF38A-6

## Radial Poly-Round®

Non-rusting ball bearing replacements can simplify mini-assemblies



OEFA0054RPR

### Part NO. Key (OEF6901RPR)

- OE Material (Brown)
- ME Metal detectable
- F Flange
- 6901 Equivalent radial size
- RPR Radial Poly-Round®

Radial bearing p/n	ID-OD-LTB	Flange	Interchange notes
OEF696/4RPR	4 x 15 x 5	17	
OEF624/6RPR	5 x 13 x 6	15	
OEF628/6RPR	6 x 13 x 5	15	10-12-16 Retrofits GB02307A0676 on ADW-714SW Retrofits 628/6ZZ on ADW-414
OEF619/6RPR	6 x 15 x 5	17	11-12 Retrofits GB02307A0677 on ADW-714SW, ADW-414
OEFA0051RPR	6 x 21 x 9	24	16 Retrofits SA44117A0051 on ADW-714SWH
OEFA0054RPR	6 x 24 x 9	27	Retrofits SA44117A0051 on ADW-714SW
OE688RPR	8 x 16 x 5	--	
OE61800RPR (6800)	10 x 19 x 5	--	
OE16100RPR	10 x 28 x 8	--	
OEF6901RPR	12 x 24 x 6	26	On ADW-414
OE61802RPR (6802)	15 x 24 x 5	--	
OEF69A3RPR	15 x 30 x 7	32	Replaces F6903-2RS + spacer to 15 mm ID
OEF6903RPR	17 x 30 x 7	32	Replaces 6903-2RS + washer
OE6903RPR	17 x 30 x 7	--	Retrofits SA44117A0013 on ADW-714SW + SWH



Bearings For Severe Service Environments

LITB203-1114

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