

Introducing the Solution[®] Series for modular belt conveyors



3 levels of Solution[®] bearings to choose from - select the one that fits your needs and budget



Value Series



Value Plus Series



Guaranteed Series

- Maintenance-free
- 100% Grease-less (no lube)
- No rust
- Poly-Round[®] bearings offer longer life with more reliability than ball bearings in extreme environments
- Operate consistently even when subject to washdown or process moisture, intermittent operation, weather, packaging or other dust
- USDA-accepted



Bearings for Severe Service Environments

EDT SOLUTION® Series



The right bearing choice on modular belt conveyors

- Requires NO LUBRICATION - 100% grease-free
- USDA-accepted
- Not affected by washdown chemicals
- Will never rust
- Reliable long life
- Maintenance-free
- Interchangeable with industry-standard bearings and housings
- Cost effective replacement for ball bearings

1 Select the appropriate bearing material based on speed and load

5/8", 3/4", 20 mm		204 Group B					
		Speed in RPM					
		30	45	60	90	117	175
Load in lbs. per Bearing	50	AA	AA	AA	AA	AA	AA
	75	AA	AA	AA	AA	AA	NA
	100	AA	AA	AA	AA	AA	NA
	125	AA	AA	AA	AA	AA	NA
	150	AA	AA	AA	AA	AA	NA
	200	AA	AA	AA	AA	AA	NA
	225	AA	AA	AA	AA	AA	NA
	250	AA	AA	AA	AA	AA	NA
	275	AA	AA	AA	AA	AA	NA
	300	AA	AA	AA	AA	AA	NA

1", 25 mm		205 Group C					
		Speed in RPM					
		30	45	60	90	117	175
Load in lbs. per Bearing	50	AA	AA	AA	AA	AA	AA
	75	AA	AA	AA	AA	AA	AA
	100	AA	AA	AA	AA	AA	AA
	125	AA	AA	AA	AA	AA	AA
	150	AA	AA	AA	AA	AA	AA
	200	AA	AA	AA	AA	AA	AA
	225	AA	AA	AA	AA	AA	AA
	250	AA	AA	AA	AA	AA	AA
	275	AA	AA	AA	AA	AA	AA
	350	AA	AA	AA	AA	AA	AA

1-3/16", 1-1/4" 30 mm		206 Group D					
		Speed in RPM					
		30	45	60	90	117	175
Load in lbs. per Bearing	50	AA	AA	AA	AA	AA	AA
	75	AA	AA	AA	AA	AA	AA
	100	AA	AA	AA	AA	AA	AA
	125	AA	AA	AA	AA	AA	AA
	150	AA	AA	AA	AA	AA	AA
	200	AA	AA	AA	AA	AA	AA
	225	AA	AA	AA	AA	AA	AA
	250	AA	AA	AA	AA	AA	AA
	275	AA	AA	AA	AA	AA	AA
	350	AA	AA	AA	AA	AA	AA

1-1/4", 1-7/16"		207 Group E					
		Speed in RPM					
		30	45	60	90	117	175
Load in lbs. per Bearing	50	AA	AA	AA	AA	AA	AA
	75	AA	AA	AA	AA	AA	AA
	100	AA	AA	AA	AA	AA	AA
	125	AA	AA	AA	AA	AA	AA
	150	AA	AA	AA	AA	AA	AA
	200	AA	AA	AA	AA	AA	AA
	225	AA	AA	AA	AA	AA	AA
	250	AA	AA	AA	AA	AA	AA
	300	AA	AA	AA	AA	AA	AA
	450	AA	AA	AA	AA	AA	AA

1-1/2"		208 Group F					
		Speed in RPM					
		30	45	60	90	117	175
Load in lbs. per Bearing	50	AA	AA	AA	AA	AA	AA
	75	AA	AA	AA	AA	AA	AA
	100	AA	AA	AA	AA	AA	AA
	125	AA	AA	AA	AA	AA	AA
	175	AA	AA	AA	AA	AA	AA
	200	AA	AA	AA	AA	AA	AA
	225	AA	AA	AA	AA	AA	AA
	250	AA	AA	AA	AA	AA	AA
	300	AA	AA	AA	AA	AA	AA
	500	AA	AA	AA	AA	AA	AA

2 Select the right Series for your needs

VALUE SERIES

AA Poly-Round® insert in 'KG' polymer housing



All the above features, and...

- Economical
- Light to moderate loads

VALUE PLUS SERIES

NA Poly-Round® insert in 'KG' polymer housing



All the Value Series features, and...

- Cost effective
- 30% more load capacity than Value Series

GUARANTEED SERIES

NA Poly-Round® insert in 'KG' polymer housing with a DoubleLock® sleeve



All the Value Plus Series features, and...

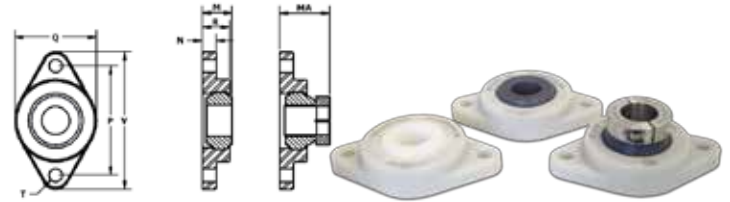
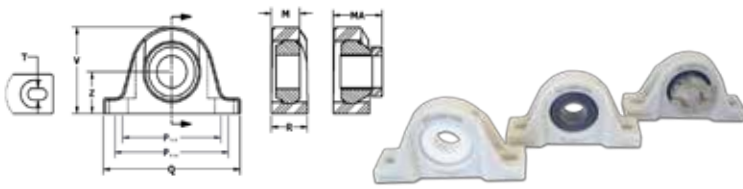
- Guaranteed 1 year no maintenance
- 10% more load capacity than Value Plus Series
- Bearing can be rotated **180°** for double the bearing life; re-use the housing and sleeve

- To maximize bearing life, shaft finish of 8-16 rms is recommended
- Add a locking collar to hold the shaft within the bearing

Locking Sleeve protects the shaft, serves as a locking collar

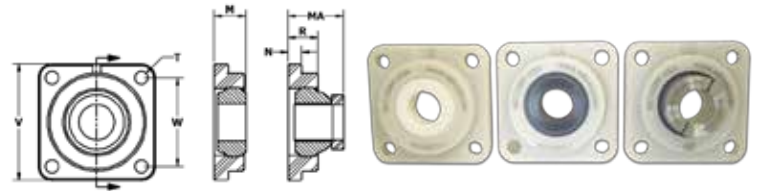
3 Select the bearing style you need

Find the correct shaft size, check the critical dimensions for fit, and identify the part number for the Series you want.



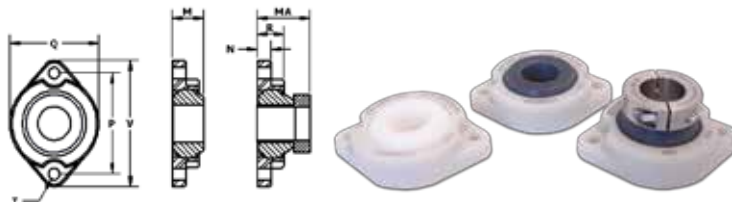
Group	Shaft Size	Part Numbers for each Series			Z	V	Q	R	P	T	M	MA Guaranteed	
		Value	Value Plus	Guaranteed w/ DoubleLock® Sleeve									
204	5/8	AA1GB3-10	NA1GB3-10	NA1GBP-10-LK	1.31	2.69	5.25	1.38	3-1/4	4-3/8	3/8	1.068	1.79
	3/4	AA1GB3-12	NA1GB3-12	NA1GBP-12-LK									
	20mm	AA1GB3-20M	NA1GB3-20M	NA1GBP-20M-LK									
205	1	AA1GC3-16	NA1GC3-16	NA1GCP-16-LK	1.44	2.94	5.5	1.5	3-7/16	4-5/8	3/8	1.187	1.91
	25mm	AA1GC3-25M	NA1GC3-25M	NA1GCP-25M-LK									
206	1-3/16	AA1GD3-19	NA1GD3-19	NA1GDP-19-LK	1.69	3.38	6.25	1.75	4-1/8	5-1/8	1/2	1.365	2.17
	1-1/4	AA1GD3-20	NA1GD3-20	NA1GDP-20-LK									
	30mm	AA1GD3-30M	NA1GD3-30M	NA1GDP-30M-LK									
207	1-1/4	AA1GE3-20	NA1GE3-20	NA1GEP-20-LK	1.88	3.88	6.56	1.75	4-11/16	5-7/16	1/2	1.375	2.35
	1-7/16	AA1GE3-23	NA1GE3-23	NA1GEP-23-LK									
208	1-1/2	AA1GF3-24	NA1GF3-24	NA1GFP-24-LK	2.13	4.31	7.25	1.93	5	6-1/8	1/2	1.564	2.48

Group	Shaft Size	Part Numbers for each Series			V	P	Q	R	N	T	M	MA Guaranteed
		Value	Value Plus	Guaranteed w/ DoubleLock® Sleeve								
204	5/8	AA2GB3-10	NA2GB3-10	NA2GBP-10-LK	4.4	3.53	2.69	0.93	0.44	3/8	1.19	1.69
	3/4	AA2GB3-12	NA2GB3-12	NA2GBP-12-LK								
	20mm	AA2GB3-20M	NA2GB3-20M	NA2GBP-20M-LK								
205	1	AA2GC3-16	NA2GC3-16	NA2GCP-16-LK	4.89	3.89	2.93	1"	0.50	7/16	1.29	1.79
	25mm	AA2GC3-25M	NA2GC3-25M	NA2GCP-25M-LK								
206	1-3/16	AA2GD3-19	NA2GD3-19	NA2GDP-19-LK	5.6	4.6	3.62	1.06	0.50	7/16	1.45	1.95
	1-1/4	AA2GD3-20	NA2GD3-20	NA2GDP-20-LK								
	30mm	AA2GD3-30M	NA2GD3-30M	NA2GDP-30M-LK								
207	1-1/4	AA2GE3-20	NA2GE3-20	NA2GEP-20-LK	6.12	5.12	4.00	1.22	0.56	1/2	1.76	2.26
	1-7/16	AA2GE3-23	NA2GE3-23	NA2GEP-23-LK								
208	1-1/2	AA2GF3-24	NA2GF3-24	NA2GFP-24-LK	6.78	5.65	4.56	1.25	0.56	1/2	1.77	2.27



Group	Shaft Size	Part Numbers for each Series			Z	V	P	Q	R	T	M	MA Guaranteed
		Value	Value Plus	Guaranteed w/ DoubleLock® Sleeve								
204	5/8	AA3GB3-10	NA3GB3-10	NA3GBP-10-LK	1.68	4.3	1.5	2.56	0.95	3/8"	0.98	1.69
	3/4	AA3GB3-12	NA3GB3-12	NA3GBP-12-LK								
	20mm	AA3GB3-20M	NA3GB3-20M	NA3GBP-20M-LK								
205	1	AA3GC3-16	NA3GC3-16	NA3GCP-16-LK	1.81	4.7	1.62	2.75	1.0	3/8"	1.2	1.79
	25mm	AA3GC3-25M	NA3GC3-25M	NA3GCP-25M-LK								
206	1-3/16	AA3GD3-19	NA3GD3-19	NA3GDP-19-LK	2.06	5.4	1.84	3.25	1.1	3/8"	1.2	1.95
	1-1/4	AA3GD3-20	NA3GD3-20	NA3GDP-20-LK								
	30mm	AA3GD3-30M	NA3GD3-30M	NA3GDP-30M-LK								
207	1-1/4	AA3GE3-20	NA3GE3-20	NA3GEP-20-LK	2.37	6.2	2.0	3.56	1.2	1/2"	1.4	2.26
	1-7/16	AA3GE3-23	NA3GE3-23	NA3GEP-23-LK								
208	1-1/2	AA3GF3-24	NA3GF3-24	NA3GFP-24-LK	2.56	6.6	2.25	4.25	1.3	1/2"	1.5	2.27

Group	Shaft Size	Part Numbers for each Series			V	W	R	N	T	M	MA Guaranteed
		Value	Value Plus	Guaranteed w/ DoubleLock® Sleeve							
204	5/8	AA4GB3-10	NA4GB3-10	NA4GBP-10-LK	3.37	2.5	0.84	0.44	3/8"	1.19	1.69
	3/4	AA4GB3-12	NA4GB3-12	NA4GBP-12-LK							
	20mm	AA4GB3-20M	NA4GB3-20M	NA4GBP-20M-LK							
205	1	AA4GC3-16	NA4GC3-16	NA4GCP-16-LK	3.75	2.75	1.00	0.50	7/16"	1.29	1.79
	25mm	AA4GC3-25M	NA4GC3-25M	NA4GCP-25M-LK							
206	1-3/16	AA4GD3-19	NA4GD3-19	NA4GDP-19-LK	4.25	3.25	1.07	0.5	7/16"	1.45	1.95
	1-1/4	AA4GD3-20	NA4GD3-20	NA4GDP-20-LK							
	30mm	AA4GD3-30M	NA4GD3-30M	NA4GDP-30M-LK							
207	1-1/4	AA4GE3-20	NA4GE3-20	NA4GEP-20-LK	4.75	3.62	1.22	0.56	1/2"	1.76	2.26
	1-7/16	AA4GE3-23	NA4GE3-23	NA4GEP-23-LK							
208	1-1/2	AA4GF3-24	NA4GF3-24	NA4GFP-24-LK	5.12	4	1.24	0.56	1/2"	1.77	2.27



Group	Shaft Size	Part Numbers for each Series			V	P	Q	R	N	T	M	MA Guaranteed
		Value	Value Plus	Guaranteed w/ DoubleLock® Sleeve								
204	5/8	AA6GB3-10	NA6GB3-10	NA6GBP-10-LK	3.56	2.81	2.42	0.87	0.42	5/16	1.1	1.6
	3/4	AA6GB3-12	NA6GB3-12	NA6GBP-12-LK								
	20mm	AA6GB3-20M	NA6GB3-20M	NA6GBP-20M-LK								
205	1	AA6GC3-16	NA6GC3-16	NA6GCP-16-LK	3.75	3	2.72	0.81	0.42	5/16	1.12	1.62
	25mm	AA6GC3-25M	NA6GC3-25M	NA6GCP-25M-LK								
206	1-3/16	AA6GD3-19	NA6GD3-19	NA6GDP-19-LK	4.43	3.56	3.09	0.96	0.46	3/8	1.36	1.86
	1-1/4	AA6GD3-20	NA6GD3-20	NA6GDP-20-LK								
	30mm	AA6GD3-30M	NA6GD3-30M	NA6GDP-30M-LK								
207	1-1/4	AA6GE3-20	NA6GE3-20	NA6GEP-20-LK	4.74	3.97	3.50	0.84	0.50	3/8	1.53	2.03
	1-7/16	AA6GE3-23	NA6GE3-23	NA6GEP-23-LK								

Group	Shaft Size	Part Numbers for each Series			Z	V	P	Q	R	T	M	MA Guaranteed
		Value	Value Plus	Guaranteed w/ DoubleLock® Sleeve								
204	5/8	AA9GB3-10	NA9GB3-10	NA9GBP-10-LK	1.31	2.58	2	3.07	1.12	3/8"-16	1.28	1.78
	3/4	AA9GB3-12	NA9GB3-12	NA9GBP-12-LK								
	20mm	AA9GB3-20M	NA9GB3-20M	NA9GBP-20M-LK								
205	1	AA9GC3-16	NA9GC3-16	NA9GCP-16-LK	1.44	2.94	2	3	1.14	3/8"-16	1.41	1.91
	25mm	AA9GC3-25M	NA9GC3-25M	NA9GCP-25M-LK								
206	1-3/16	AA9GD3-19	NA9GD3-19	NA9GDP-19-LK	1.68	3.38	3	4.25	1.63	7/16"-14	1.67	2.17
	1-1/4	AA9GD3-20	NA9GD3-20	NA9GDP-20-LK								
	30mm	AA9GD3-30M	NA9GD3-30M	NA9GDP-30M-LK								
207	1-1/4	AA9GE3-20	NA9GE3-20	NA9GEP-20-LK	1.88	3.88	3.25	4.50	1.75	1/2"-13	1.84	2.34
	1-7/16	AA9GE3-23	NA9GE3-23	NA9GEP-23-LK								
208	1-1/2	AA9GF3-24	NA9GF3-24	NA9GFP-24-LK	1.94	4.13	3.5	4.75	1.88	1/2"-13	1.97	2.47

- Other shaft sizes and housing styles are available from EDT Corp
- EDT Corp offers all styles of housings in stainless steel
- Guaranteed Series replacement components can be clarified with you EDT factory salesperson

Choose the Solution[®] Series bearing that meets your modular belt needs



Value Series

- Won't rust
- Requires no lubrication
- USDA-accepted
- Economical
- Runs directly on the shaft



Value Plus Series

- No grease
- Won't rust
- USDA-accepted
- Runs directly on the shaft
- Higher loads than Value Series
- Cost effective



Guaranteed Series

- Grease-less
- Won't rust
- Guaranteed for 12+ months of maintenance-free life, or we'll replace the bearing
- Locking sleeve is an optimum journal that:
 - Extends bearing life
 - Protects the shaft
 - "Fixes" a damaged shaft
 - Provides the locking collar



EDT will help you select the right bearing for your needs. Complete a **Bearing Design Checklist** edtcorp.com/docs/bearing-design-checklist.pdf Bookmark it!



Bearings for Severe Service Environments

- At www.edtcorp.com, find:
- Technical information about AA, NA and other bearing materials
 - Installation and maintenance instructions (User Handbook) and links to YouTube installation demos
 - Bearing Design Checklist to relay application information and issues
 - Additional copies of this and other printed materials