

# Conversion table from the current design to the new design

## High Performance Servo Gearbox $a=50$



Ratio	Output shaft	Current Order-No.	New Order-No. Basic Gerbox	New Order-No. Motor flange
4,75	Key connection	58 43 105	58 03 005	65 59 301
	Clamp connect.	58 83 105	58 13 005	
	Key connection	58 43 205	58 03 005	65 59 302
	Clamp connect.	58 83 205	58 13 005	
	Key connection	58 43 305	58 03 005	65 59 303
	Clamp connect.	58 83 305	58 13 005	
	Key connection	58 43 405	58 03 005	65 59 305
	Clamp connect.	58 83 405	58 13 005	
	Key connection	58 43 505	58 03 005	65 59 306
	Clamp connect.	58 83 505	58 13 005	
	Key connection	58 43 805	58 03 005	65 59 304
	Clamp connect.	58 83 805	58 13 005	
	Key connection	58 43 905	58 03 005	65 59 402
	Clamp connect.	58 83 905	58 13 005	
6,75	Key connection	58 43 107	58 03 007	65 59 301
	Clamp connect.	58 83 107	58 13 007	
	Key connection	58 43 207	58 03 007	65 59 302
	Clamp connect.	58 83 207	58 13 007	
	Key connection	58 43 307	58 03 007	65 59 303
	Clamp connect.	58 83 307	58 13 007	
	Key connection	58 43 407	58 03 007	65 59 305
	Clamp connect.	58 83 407	58 13 007	
	Key connection	58 43 507	58 03 007	65 59 306
	Clamp connect.	58 83 507	58 13 007	
	Key connection	58 43 807	58 03 007	65 59 304
	Clamp connect.	58 83 807	58 13 007	
	Key connection	58 43 907	58 03 007	65 59 402
	Clamp connect.	58 83 907	58 13 007	
9,25	Key connection	58 43 109	58 03 009	65 59 301
	Clamp connect.	58 83 109	58 13 009	
	Key connection	58 43 209	58 03 009	65 59 302
	Clamp connect.	58 83 209	58 13 009	
	Key connection	58 43 309	58 03 009	65 59 303
	Clamp connect.	58 83 309	58 13 009	
	Key connection	58 43 409	58 03 009	65 59 305
	Clamp connect.	58 83 409	58 13 009	
	Key connection	58 43 509	58 03 009	65 59 306
	Clamp connect.	58 83 509	58 13 009	
	Key connection	58 43 809	58 03 009	65 59 304
	Clamp connect.	58 83 809	58 13 009	
	Key connection	58 43 909	58 03 009	65 59 402
	Clamp connect.	58 83 909	58 13 009	
14,5	Key connection	58 43 115	58 03 015	65 59 301
	Klemmverb.	58 83 115	58 13 015	
	Key connection	58 43 215	58 03 015	65 59 302
	Klemmverb.	58 83 215	58 13 015	
	Key connection	58 43 315	58 03 015	65 59 303
	Klemmverb.	58 83 315	58 13 015	
	Key connection	58 43 415	58 03 015	65 59 305
	Klemmverb.	58 83 415	58 13 015	
	Key connection	58 43 515	58 03 015	65 59 306
	Klemmverb.	58 83 515	58 13 015	
	Key connection	58 43 815	58 03 015	65 59 304
	Klemmverb.	58 83 815	58 13 015	
	Key connection	58 43 915	58 03 015	65 59 402
	Klemmverb.	58 83 915	58 13 015	

Ratio	Output shaft	Current Order-No.	New Order-No. Basic Gerbox	New Order-No. Motor flange
19,5	Key connection	58 43 120	58 03 020	65 59 301
	Clamp connect.	58 83 120	58 13 020	
	Key connection	58 43 220	58 03 020	65 59 302
	Clamp connect.	58 83 220	58 13 020	
	Key connection	58 43 320	58 03 020	65 59 303
	Clamp connect.	58 83 320	58 13 020	
	Key connection	58 43 420	58 03 020	65 59 305
	Clamp connect.	58 83 420	58 13 020	
	Key connection	58 43 520	58 03 020	65 59 306
	Clamp connect.	58 83 520	58 13 020	
	Key connection	58 43 820	58 03 020	65 59 304
	Clamp connect.	58 83 820	58 13 020	
	Key connection	58 43 920	58 03 020	65 59 402
	Clamp connect.	58 83 920	58 13 020	
29	Key connection	58 43 125	58 03 029	65 59 301
	Clamp connect.	58 83 125	58 13 029	
	Key connection	58 43 225	58 03 029	65 59 302
	Clamp connect.	58 83 225	58 13 029	
	Key connection	58 43 325	58 03 029	65 59 303
	Clamp connect.	58 83 325	58 13 029	
	Key connection	58 43 425	58 03 029	65 59 305
	Clamp connect.	58 83 425	58 13 029	
	Key connection	58 43 525	58 03 029	65 59 306
	Clamp connect.	58 83 525	58 13 029	
	Key connection	58 43 825	58 03 029	65 59 304
	Clamp connect.	58 83 825	58 13 029	
	Key connection	58 43 925	58 03 029	65 59 402
	Clamp connect.	58 83 925	58 13 029	
39	Key connection	58 43 135	58 03 039	65 59 301
	Clamp connect.	58 83 135	58 13 039	
	Key connection	58 43 235	58 03 039	65 59 302
	Clamp connect.	58 83 235	58 13 039	
	Key connection	58 43 335	58 03 039	65 59 303
	Clamp connect.	58 83 335	58 13 039	
	Key connection	58 43 435	58 03 039	65 59 305
	Clamp connect.	58 83 435	58 13 039	
	Key connection	58 43 535	58 03 039	65 59 306
	Clamp connect.	58 83 535	58 13 039	
	Key connection	58 43 835	58 03 039	65 59 304
	Clamp connect.	58 83 835	58 13 039	
	Key connection	58 43 935	58 03 039	65 59 402
	Clamp connect.	58 83 935	58 13 039	
52	Key connection	58 43 150	58 03 050	65 59 301
	Klemmverb.	58 83 150	58 13 050	
	Key connection	58 43 250	58 03 050	65 59 302
	Klemmverb.	58 83 250	58 13 050	
	Key connection	58 43 350	58 03 050	65 59 303
	Klemmverb.	58 83 350	58 13 050	
	Key connection	58 43 450	58 03 050	65 59 305
	Klemmverb.	58 83 450	58 13 050	
	Key connection	58 43 550	58 03 050	65 59 306
	Klemmverb.	58 83 550	58 13 050	
	Key connection	58 43 850	58 03 050	65 59 304
	Klemmverb.	58 83 850	58 13 050	
	Key connection	58 43 950	58 03 050	65 59 402
	Klemmverb.	58 83 950	58 13 050	



# Conversion table from the current design to the new design

## High Performance Servo Gearbox $a=80$



Ratio	Output shaft	Current Order-No.	New Order-No. Basic Gerbox	New Order-No. Motor flange
4,75	Key connection	58 45 005	58 05 005	65 59 501
	Clamp connect.	58 85 005	58 15 005	
	Key connection	58 45 105	58 05 005	65 59 503
	Clamp connect.	58 85 105	58 15 005	
	Key connection	58 45 205	58 05 005	65 59 502
	Clamp connect.	58 85 205	58 15 005	
	Key connection	58 45 405	58 05 005	65 59 507
	Clamp connect.	58 85 405	58 15 005	
	Key connection	58 45 705	58 05 005	65 59 504
	Clamp connect.	58 85 705	58 15 005	
	Key connection	58 45 805	58 05 005	65 59 505
	Clamp connect.	58 85 805	58 15 005	
	Key connection	58 45 905	58 05 005	65 59 506
	Clamp connect.	58 85 905	58 15 005	
6,75	Key connection	58 45 007	58 05 007	65 59 501
	Clamp connect.	58 85 007	58 15 007	
	Key connection	58 45 107	58 05 007	65 59 503
	Clamp connect.	58 85 107	58 15 007	
	Key connection	58 45 207	58 05 007	65 59 502
	Clamp connect.	58 85 207	58 15 007	
	Key connection	58 45 407	58 05 007	65 59 507
	Clamp connect.	58 85 407	58 15 007	
	Key connection	58 45 707	58 05 007	65 59 504
	Clamp connect.	58 85 707	58 15 007	
	Key connection	58 45 807	58 05 007	65 59 505
	Clamp connect.	58 85 807	58 15 007	
	Key connection	58 45 907	58 05 007	65 59 506
	Clamp connect.	58 85 907	58 15 007	
9,25	Key connection	58 45 009	58 05 009	65 59 501
	Clamp connect.	58 85 009	58 15 009	
	Key connection	58 45 109	58 05 009	65 59 503
	Clamp connect.	58 85 109	58 15 009	
	Key connection	58 45 209	58 05 009	65 59 502
	Clamp connect.	58 85 209	58 15 009	
	Key connection	58 45 409	58 05 009	65 59 507
	Clamp connect.	58 85 409	58 15 009	
	Key connection	58 45 709	58 05 009	65 59 504
	Clamp connect.	58 85 709	58 15 009	
	Key connection	58 45 809	58 05 009	65 59 505
	Clamp connect.	58 85 809	58 15 009	
	Key connection	58 45 909	58 05 009	65 59 506
	Clamp connect.	58 85 909	58 15 009	
14,5	Key connection	58 45 015	58 05 015	65 59 501
	Clamp connect.	58 85 015	58 15 015	
	Key connection	58 45 115	58 05 015	65 59 503
	Clamp connect.	58 85 115	58 15 015	
	Key connection	58 45 215	58 05 015	65 59 502
	Clamp connect.	58 85 215	58 15 015	
	Key connection	58 45 415	58 05 015	65 59 507
	Clamp connect.	58 85 415	58 15 015	
	Key connection	58 45 715	58 05 015	65 59 504
	Clamp connect.	58 85 715	58 15 015	
	Key connection	58 45 815	58 05 015	65 59 505
	Clamp connect.	58 85 815	58 15 015	
	Key connection	58 45 915	58 05 015	65 59 506
	Clamp connect.	58 85 915	58 15 015	

Ratio	Output shaft	Current Order-No.	New Order-No. Basic Gerbox	New Order-No. Motor flange
19,5	Key connection	58 45 020	58 05 020	65 59 501
	Clamp connect.	58 85 020	58 15 020	
	Key connection	58 45 120	58 05 020	65 59 503
	Clamp connect.	58 85 120	58 15 020	
	Key connection	58 45 220	58 05 020	65 59 502
	Clamp connect.	58 85 220	58 15 020	
	Key connection	58 45 420	58 05 020	65 59 507
	Clamp connect.	58 85 420	58 15 020	
	Key connection	58 45 720	58 05 020	65 59 504
	Clamp connect.	58 85 720	58 15 020	
	Key connection	58 45 820	58 05 020	65 59 505
	Clamp connect.	58 85 820	58 15 020	
	Key connection	58 45 920	58 05 020	65 59 506
	Clamp connect.	58 85 920	58 15 020	
29	Key connection	58 45 029	58 05 029	65 59 501
	Clamp connect.	58 85 029	58 15 029	
	Key connection	58 45 129	58 05 029	65 59 503
	Clamp connect.	58 85 129	58 15 029	
	Key connection	58 45 229	58 05 029	65 59 502
	Clamp connect.	58 85 229	58 15 029	
	Key connection	58 45 429	58 05 029	65 59 507
	Clamp connect.	58 85 429	58 15 029	
	Key connection	58 45 729	58 05 029	65 59 504
	Clamp connect.	58 85 729	58 15 029	
	Key connection	58 45 829	58 05 029	65 59 505
	Clamp connect.	58 85 829	58 15 029	
	Key connection	58 45 929	58 05 029	65 59 506
	Clamp connect.	58 85 929	58 15 029	
39	Key connection	58 45 039	58 05 039	65 59 501
	Clamp connect.	58 85 039	58 15 039	
	Key connection	58 45 139	58 05 039	65 59 503
	Clamp connect.	58 85 139	58 15 039	
	Key connection	58 45 239	58 05 039	65 59 502
	Clamp connect.	58 85 239	58 15 039	
	Key connection	58 45 439	58 05 039	65 59 507
	Clamp connect.	58 85 439	58 15 039	
	Key connection	58 45 739	58 05 039	65 59 504
	Clamp connect.	58 85 739	58 15 039	
	Key connection	58 45 839	58 05 039	65 59 505
	Clamp connect.	58 85 839	58 15 039	
	Key connection	58 45 939	58 05 039	65 59 506
	Clamp connect.	58 85 939	58 15 039	
52	Key connection	58 45 052	58 05 052	65 59 501
	Clamp connect.	58 85 052	58 15 052	
	Key connection	58 45 152	58 05 052	65 59 503
	Clamp connect.	58 85 152	58 15 052	
	Key connection	58 45 252	58 05 052	65 59 502
	Clamp connect.	58 85 252	58 15 052	
	Key connection	58 45 452	58 05 052	65 59 507
	Clamp connect.	58 85 452	58 15 052	
	Key connection	58 45 752	58 05 052	65 59 504
	Clamp connect.	58 85 752	58 15 052	
	Key connection	58 45 852	58 05 052	65 59 505
	Clamp connect.	58 85 852	58 15 052	
	Key connection	58 45 952	58 05 052	65 59 506
	Clamp connect.	58 85 952	58 15 052	

# Conversion table from the current design to the new design

## High Performance Servo Gearbox $a=100$



Ratio	Output shaft	Current Order-No.	New Order-No. Basic Gerbox	New Order-No. Motor flange
4,75	Passfederverb.	58 46 005	58 06 005	65 59 501
	Klemmverb.	58 86 005	58 16 005	
	Passfederverb.	58 46 205	58 06 005	65 59 502
	Klemmverb.	58 86 205	58 16 005	
	Passfederverb.	58 46 305	58 06 005	65 59 507
	Klemmverb.	58 86 305	58 16 005	
	Passfederverb.	58 46 705	58 06 005	65 59 504
	Klemmverb.	58 86 705	58 16 005	
	Passfederverb.	58 46 805	58 06 005	65 59 505
	Klemmverb.	58 86 805	58 16 005	
Passfederverb.	58 46 905	58 06 005	65 59 506	
Klemmverb.	58 86 905	58 16 005		
6,75	Passfederverb.	58 46 007	58 06 007	65 59 501
	Klemmverb.	58 86 007	58 16 007	
	Passfederverb.	58 46 207	58 06 007	65 59 502
	Klemmverb.	58 86 207	58 16 007	
	Passfederverb.	58 46 307	58 06 007	65 59 507
	Klemmverb.	58 86 307	58 16 007	
	Passfederverb.	58 46 707	58 06 007	65 59 504
	Klemmverb.	58 86 707	58 16 007	
	Passfederverb.	58 46 807	58 06 007	65 59 505
	Klemmverb.	58 86 807	58 16 007	
Passfederverb.	58 46 907	58 06 007	65 59 506	
Klemmverb.	58 86 907	58 16 007		
9,25	Passfederverb.	58 46 009	58 06 009	65 59 501
	Klemmverb.	58 86 009	58 16 009	
	Passfederverb.	58 46 209	58 06 009	65 59 502
	Klemmverb.	58 86 209	58 16 009	
	Passfederverb.	58 46 309	58 06 009	65 59 507
	Klemmverb.	58 86 309	58 16 009	
	Passfederverb.	58 46 709	58 06 009	65 59 504
	Klemmverb.	58 86 709	58 16 009	
	Passfederverb.	58 46 809	58 06 009	65 59 505
	Klemmverb.	58 86 809	58 16 009	
Passfederverb.	58 46 909	58 06 009	65 59 506	
Klemmverb.	58 86 909	58 16 009		
14,5	Passfederverb.	58 45 015	58 06 015	65 59 501
	Klemmverb.	58 85 015	58 16 015	
	Passfederverb.	58 46 215	58 06 015	65 59 502
	Klemmverb.	58 86 215	58 16 015	
	Passfederverb.	58 46 315	58 06 015	65 59 507
	Klemmverb.	58 86 315	58 16 015	
	Passfederverb.	58 46 715	58 06 015	65 59 504
	Klemmverb.	58 86 715	58 16 015	
	Passfederverb.	58 46 815	58 06 015	65 59 505
	Klemmverb.	58 86 815	58 16 015	
Passfederverb.	58 46 915	58 06 015	65 59 506	
Klemmverb.	58 86 915	58 16 015		

Ratio	Output shaft	Current Order-No.	New Order-No. Basic Gerbox	New Order-No. Motor flange
19,5	Passfederverb.	58 46 020	58 06 020	65 59 501
	Klemmverb.	58 86 020	58 16 020	
	Passfederverb.	58 46 220	58 06 020	65 59 502
	Klemmverb.	58 86 220	58 16 020	
	Passfederverb.	58 46 320	58 06 020	65 59 507
	Klemmverb.	58 86 320	58 16 020	
	Passfederverb.	58 46 720	58 06 020	65 59 504
	Klemmverb.	58 86 720	58 16 020	
	Passfederverb.	58 46 820	58 06 020	65 59 505
	Klemmverb.	58 86 820	58 16 020	
Passfederverb.	58 46 920	58 06 020	65 59 506	
Klemmverb.	58 86 920	58 16 020		
29	Passfederverb.	58 46 029	58 06 029	65 59 501
	Klemmverb.	58 86 029	58 16 029	
	Passfederverb.	58 46 229	58 06 029	65 59 502
	Klemmverb.	58 86 229	58 16 029	
	Passfederverb.	58 46 329	58 06 029	65 59 507
	Klemmverb.	58 86 329	58 16 029	
	Passfederverb.	58 46 729	58 06 029	65 59 504
	Klemmverb.	58 86 729	58 16 029	
	Passfederverb.	58 46 829	58 06 029	65 59 505
	Klemmverb.	58 86 829	58 16 029	
Passfederverb.	58 46 929	58 06 029	65 59 506	
Klemmverb.	58 86 929	58 16 029		
39	Passfederverb.	58 46 039	58 06 039	65 59 501
	Klemmverb.	58 86 039	58 16 039	
	Passfederverb.	58 46 239	58 06 039	65 59 502
	Klemmverb.	58 86 239	58 16 039	
	Passfederverb.	58 46 339	58 06 039	65 59 507
	Klemmverb.	58 86 339	58 16 039	
	Passfederverb.	58 46 739	58 06 039	65 59 504
	Klemmverb.	58 86 739	58 16 039	
	Passfederverb.	58 46 839	58 06 039	65 59 505
	Klemmverb.	58 86 839	58 16 039	
Passfederverb.	58 46 939	58 06 039	65 59 506	
Klemmverb.	58 86 939	58 16 039		
52	Passfederverb.	58 46 052	58 06 052	65 59 501
	Klemmverb.	58 86 052	58 16 052	
	Passfederverb.	58 46 252	58 06 052	65 59 502
	Klemmverb.	58 86 252	58 16 052	
	Passfederverb.	58 46 352	58 06 052	65 59 507
	Klemmverb.	58 86 352	58 16 052	
	Passfederverb.	58 46 752	58 06 052	65 59 504
	Klemmverb.	58 86 752	58 16 052	
	Passfederverb.	58 46 852	58 06 052	65 59 505
	Klemmverb.	58 86 852	58 16 052	
Passfederverb.	58 46 952	58 06 052	65 59 506	
Klemmverb.	58 86 952	58 16 052		