

Product Name	Product Image	Configuration		Backlash (arc minutes)				Efficiency (%)			Gear Type					Duty Cycles			Ratios		Cost			Application & Industries												
		Inline	Right angle	0	1-4	5-9	10+	Low	Med	High	Cycloidal	Helical or Bevel	Hypoid	Planet	Worm or Helical/Worm	Low	Med.	High	Exact	Non-Exact	Low	Med	High	Aerospace/Defense	Bio / Medical	Conveyor / positioning	Factory Automation	Food Industries	Material Handling	Machine Tool	Packaging	Printing/Graphics	Robotics	Semi-Con	Transportation	
Sesame Planetary		✓	✓		✓	✓	✓		✓	✓				✓		✓	✓	✓	✓		✓	✓		OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
Servofoxx "PL2FS"		✓			✓	✓				✓				✓				✓	✓				✓	OK				OK		OK	OK	OK				
Spinea Cycloidals		✓		✓				✓			✓						✓		✓				✓	OK	OK					OK		OK	OK	OK	OK	
Tandler "P"		✓				✓				✓				✓		✓			✓			✓		OK	OK		OK		OK	OK	OK		OK			
High Torque Helical "H"		✓				✓			✓			✓				✓	✓			✓		✓				OK		OK	OK	OK	OK	OK	OK			OK
High Torque Helical "A/F"		✓				✓	✓		✓			✓				✓	✓			✓		✓				OK		OK	OK	OK	OK	OK	OK			OK
ServoFoxx Hypoid		✓				✓			✓				✓				✓		✓			✓		OK			OK		OK	OK		OK	OK			
Servofoxx "FS2"			✓		✓	✓				✓		✓						✓	✓				✓	OK			OK		OK	OK		OK	OK			
Servofoxx "PSK2FS"			✓			✓				✓		✓		✓				✓	✓				✓	OK			OK		OK	OK		OK	OK			
Servofoxx "SKP2FS"			✓			✓				✓		✓		✓				✓	✓				✓	OK			OK		OK	OK		OK	OK			
Standard Ind. Worm "RS/RT"			✓				✓	✓						✓	✓				✓		✓					OK	OK		OK							OK
High Torque Helical "K"			✓			✓	✓		✓			✓				✓	✓			✓		✓				OK	OK	OK	OK	OK		OK	OK	OK		OK
High Torque Helical "S"			✓				✓			✓				✓	✓	✓				✓		✓				OK		OK		OK	OK		OK			OK
High Performance Servo Worm			✓		✓			✓						✓		✓		✓				✓	✓	OK	OK	OK	OK			OK	OK	OK	OK			

Note: Cost information is based on a comparison of DieQua's Motion Products.

Gearbox family/config.	Product Image	Frame sizes	Stages	Ratio range	Torque (Nm)		Backlash (arcmin)	Efficiency %	Speed (RPM)		Temp. range (°C)	Sound Level dB(A)	Life rating (K hr.)	Housing		Output options	Mtg posit.
					Cont.	Peak			Cont.	Int.				Material	IP		
DB		11: 25-200	1 ³⁾	5.2-90	8-3538	15-6250	≤1-≤10	52-95	3000	6000	150 ⁴⁾	55	20 ⁵⁾	Alum. Alloy	55	Shaft (1,2), robot flange, hollow bore	Any ²⁾
Planetary		20-Series: 042-255	1, 2, 3	3-1000	4-2000	8-6000	≤1-≤14	94-97	5000	10000	-20 to +90	58-63	20 ⁵⁾	Steel	65	Shaft, robot flange	Any
HYP-FS2; Hypoid		4: 90-215	1	5-15:1	31-682	75-2118	≤3-≤6	80-90	1500	3000	-20 to +40	58	20 ⁵⁾	Alum. & Steel	64	Shaft (1,2), robot flange, hollow bore	Any
PL2FS-Series; Planetary		4: 00-B2	1, 2	3-100	30-840	45-1350	≤3-≤8	96	3000	8000	-20 to +40	60-70	20 ⁵⁾	Cast Iron	64	Shaft	Any
FS2-Series; Spiral Bevel		5: 00-C1	1	1-6	10-365	15-570	≤3-≤6	97	3000	8000	-20 to +40	60-70	20 ⁵⁾	Cast Iron	64	Shaft, Hollow bore	Any
PSK2FS-Series; Planetary Bevel		9: 00-BD	1, 2	5-60	45-1270	75-1840	≤4-≤8	94	3000	8000	-20 to +40	60-70	20 ⁵⁾	Cast Iron	64	Shaft, Hollow bore	Any
SKP2FS2-Series; Bevel Planetary		4: 10-40	1, 2	5-60	50-900	75-1700	≤4-≤8	94	3000	8000	-20 to +40	60-70	20 ⁵⁾	Cast Iron	64	Shaft, Hollow bore	Any
P-Series; Planetary		4: 00 - B1	1, 2	3-100	400	700	≤5-≤8	94	3000	3000	-25 to +90	60-70	20 ⁵⁾	Steel	64	Shaft	Any
G/GH-Series, Cycloidal		G; 7 GH; 3	1	33-139	35-1270	175-6350	0	70*	2000	5400	-20 to +40	62-75	6 ⁵⁾	Steel	64	Robot Output Flange Hollow bore	Any
T-Series, Cycloidal;		9: 60-300	1	35-191	37-2940	74-7350	0	70*	1500-2000	2500-5000	-20 to +40	62-75	6 ⁵⁾	Steel	64	Robot Output Flange	Any
E-Series, Cycloidal;		7: 70-220	1	33-169	50-1620	100-7350	0	70*	2000	3000-5000	-20 to +40	62-75	6 ⁵⁾	Steel	64	Robot Output Flange	Any
H-Series, Cycloidal;		5: 70-220	1	63-125	50-1250	100-2500	0	70*	2000	2400-5500	-20 to +40	62-75	6 ⁵⁾	Steel	64	Robot Output Flange Hollow bore	Any
M-Series, Cycloidal;		1: 50	1	47, 63	18	36	0	70*	2000	5000	-20 to +40	62-75	6 ⁵⁾	Steel	64	Robot Output Flange	Any
RS/RT		9: 35-110	1	5-100	8 - 545	39-1635	20-25	30-91	3000	4000	-20 to +35	63	15 ⁵⁾	Alum.	65	Shaft (1,2), hollow bore	Any ²⁾
H-Series		10: 40-136	1-5	3.6-370	100-14000	110-15400	5-25	90-95	1500-5000	2000-5000	-25 to +60	55-75	10 ⁵⁾	Cast Iron	65	Shaft	Any ²⁾
A/F-Series		8: 46-137	1-5	5.1-370	82-14000	90-15400	6-16	90-95	1500-5000	2000-5000	-25 to +60	55-75	10 ⁵⁾	Cast Iron	65	Shaft, Hollow Bore, Shrink Disc	Any ²⁾
K-Series		10: 40-136	1-5	6.6-370	61-14000	67-15400	4-10	90-95	1500-5000	2000-5000	-25 to +60	55-75	10 ⁵⁾	Cast Iron	65	Shaft, Hollow Bore, Shrink Disc	Any ²⁾
S-Series		6: 454-609	1-3	5.1-370	61-1298	67-1426	10-29	49-92	2100-5000	2100-5000	-20 to +80	55-75	10 ⁵⁾	Cast Iron	65	Shaft, Hollow Bore, Shrink Disc	Any ²⁾

1) Contact DieQua for maximum speed information.

2) Consult DieQua for lubrication options for mountings other than horizontal position.

3) Additional ratios are available, consult DieQua

4) Thermal ranges available with special design considerations, consult DieQua.

5) The life time hours reflect an average operational hours, a variety of application factors affect the actual performance — consult DieQua for additional data