

A UNIQUE CONCEPT IN GEAR- MOTORS AND SPEED REDUCERS

Combinations with 6P motor Ratio 11 ~ 87

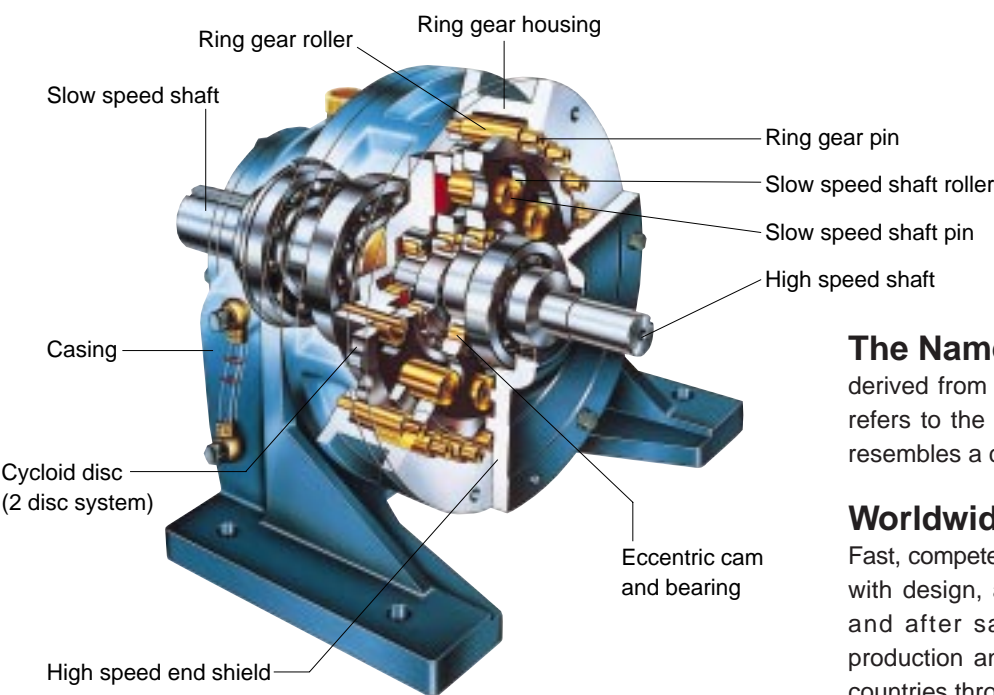
[illegible]

Ratio		11	15	21	29	43	59	87
O/p Speed r/min	50Hz	89.1	65.3	46.7	33.8	22.8	16.6	11.3
	60Hz	106	77.7	55.5	40.2	27.1	19.7	13.4
MOTOR (kW × P)	15 × 6							
	18.5 × 6							
	22 × 6							
	30 × 6							
	37 × 6							
	45 × 6							
	55 × 6							
	75 × 6							
	90 × 6							
	110 × 6							
	132 × 6							

Added combinations are marked by color.

Ratio		104	121	143	165	195	231	273	319	377	473	559	649	731	841	1003	1247	1479	1849	2065	2537	3045	3481	4437	5133	6177	7569	
O/p Speed r/min	50Hz	13.9	12.0	10.1	8.79	7.44	6.28	5.31	4.55	3.85	3.07	2.59	2.23	1.98	1.72	1.45	1.16	0.980	0.784	0.702	0.572	0.476	0.417	0.327	0.282	0.235	0.192	
	60Hz	16.8	14.5	12.2	10.6	8.97	7.58	6.41	5.49	4.64	3.70	3.13	2.70	2.39	2.08	1.74	1.40	1.18	0.946	0.847	0.690	0.575	0.503	0.394	0.341	0.283	0.231	
MOTOR (kW × P)	0.1 × 4																											
	0.2 × 4																											
	0.25 × 4																											
	0.4 × 4																											
	0.55 × 4																											
	0.75 × 4																											
	1.1 × 4																											
	1.5 × 4																											
	2.2 × 4																											
	3.0 × 4																											
	3.7 × 4																											
	5.5 × 4																											
	7.5 × 4																											
	11 × 4																											
	15 × 4																											
	18.5 × 4																											
	22 × 4																											
30 × 4																												
37 × 4																												
45 × 4																												
Output Torque N · m		24 ~ 7350	24 ~ 31300	24 ~ 7630	24 ~ 43700	24 ~ 46000	24 ~ 68200					45 ~ 68200	24 ~ 68200	45 ~ 68200	24 ~ 68200	150 ~ 68200	24 ~ 68200	45 ~ 68200	150 ~ 68200			525 ~ 68200						

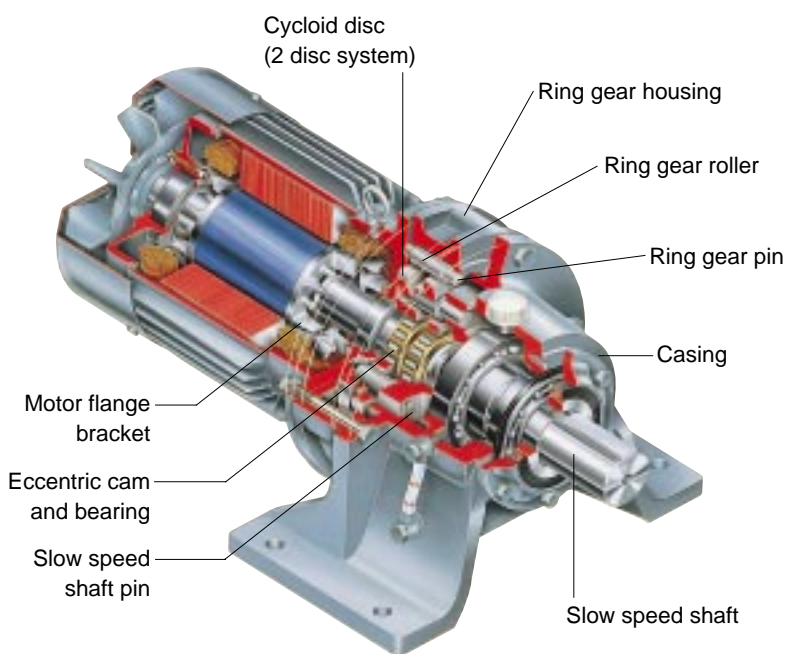
Added combinations are marked by color.



derived from *Kyklos* the Greek word for circle, refers to the CYCLO disc, whose outer profile resembles a cycloidal curve.

Fast, competent technical advice and assistance with design, application selection, installation, and after sales service is available from production and distribution centers in over 30 countries throughout the world.

of mechanical and electrical power transmission and control are available in the complete CYCLO product range. CYCLO means the available solution. Get in touch with us, we will be happy to provide whatever information you need.



The unique CYCLO operating principle was invented by the German engineer Lorenz Braren in 1931. His ingenious design has continued its progressive development up to the present day.

Sumitomo Heavy Industries, Ltd. Power Transmission & Controls Group, a world leader in power transmission control, has produced more than 7,000,000 CYCLO DRIVES, CYCLO DRIVE Gearmotors, and Speed Reducers. They are used daily in industries throughout the world, replacing the more conventional helical, worm, and spur gear units.

In addition to a wide range of application knowledge, we can offer 70 years of advanced power transmission drive experience.

Sumitomo Heavy Industries, Ltd. Nagoya Plant, Power Transmission & Controls Group has achieved the Quality System Certification according to **ISO 9001, EN29001, BS5750 Part 1:1987, JIS Z9901:1991** Standard for design and manufacture of mechanical speed reducers, mechanical speed variators, electric motors, and gearmotors.