

 超 高 扭 同 向 平 行 雙 螺 桿 齒 輪 箱 額 定 扭 矩 參 數 規 格 表 Co-Rotating Super High Torque Twin Screw Gearbox Rated Torque Chart											
速比 (i) Gear Ratio	轉速 (rpm)		齒輪箱型號 (Model)								
	輸入軸(n1) Input Speed	輸出軸(n2) Output Speed	COR18-SHT	COR26-SHT	COR30-SHT	COR34.5-SHT	COR43-SHT	COR52-SHT	COR60-SHT	COR78-SHT	COR90-SHT
	中心距 (mm) Center Distance		18	26	30	34.5	43	52	60	78	90
	額定扭矩(N.M) (Rated Torque)		268	1160	1160	2140	4500	7000	12800	24800	29200
	安全係數(KA) Safety Factor		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
			額定最大功率 (Kw) Rated Kw								
5	1800	360.00	10.10	43.73	43.73	80.68	169.65	263.90	482.56	934.97	1100.85
	1500	300.00	8.42	36.44	36.44	67.23	141.38	219.92	402.14	779.14	917.37
	1000	200.00	5.61	24.30	24.30	44.82	94.25	146.61	268.09	519.43	611.58
3.75	1800	480.00	13.47	58.31	58.31	107.57	226.20	351.87	643.42	1246.62	1467.80
	1500	400.00	11.23	48.59	48.59	89.64	188.50	293.22	536.18	1038.85	1223.16
	1000	266.67	7.48	32.39	32.39	59.76	125.67	195.48	357.45	692.57	815.44
3	1800	600.00	16.84	72.89	72.89	134.46	282.75	439.84	804.27	1558.28	1834.75
	1500	500.00	14.03	60.74	60.74	112.05	235.63	366.53	670.23	1298.57	1528.96
	1000	333.33	9.36	40.49	40.49	74.70	157.08	244.35	446.82	865.71	1019.30
2.5	1800	720.00	20.21	87.46	87.46	161.36	339.30	527.80	965.13	1869.93	2201.70
	1500	600.00	16.84	72.89	72.89	134.46	282.75	439.84	804.27	1558.28	1834.75
	1000	400.00	11.23	48.59	48.59	89.64	188.50	293.22	536.18	1038.85	1223.16
2.14	1800	841.12	23.61	102.18	102.18	188.50	396.38	616.59	1127.49	2184.50	2572.08
	1500	700.93	19.67	85.15	85.15	157.08	330.32	513.83	939.57	1820.42	2143.40
	1000	467.29	13.11	56.77	56.77	104.72	220.21	342.55	626.38	1213.61	1428.93
1.875	1800	960.00	26.94	116.62	116.62	215.14	452.40	703.74	1286.84	2493.25	2935.60
	1500	800.00	22.45	97.18	97.18	179.29	377.00	586.45	1072.36	2077.70	2446.33
	1000	533.33	14.97	64.79	64.79	119.52	251.34	390.97	714.91	1385.14	1630.89
1.67	1800	1077.84	30.25	130.94	130.94	241.55	507.94	790.13	1444.80	2799.30	3295.95
	1500	898.20	25.21	109.11	109.11	201.29	423.28	658.44	1204.00	2332.75	2746.63
	1000	598.80	16.81	72.74	72.74	134.20	282.19	438.96	802.67	1555.17	1831.08
1.5	1800	1200.00	33.68	145.77	145.77	268.93	565.50	879.67	1608.55	3116.56	3669.49
	1500	1000.00	28.07	121.48	121.48	224.11	471.25	733.06	1340.45	2597.13	3057.91
	1000	666.67	18.71	80.99	80.99	149.40	314.17	488.71	893.64	1731.42	2038.61
1.25	1800	1440.00	40.41	174.93	174.93	322.71	678.61	1055.61	1930.25	3739.87	4403.39
	1500	1200.00	33.68	145.77	145.77	268.93	565.50	879.67	1608.55	3116.56	3669.49
	1000	800.00	22.45	97.18	97.18	179.29	377.00	586.45	1072.36	2077.70	2446.33
選型指南 How to choose the right gearbox: 1. 表列中各個型號齒輪箱強度依照AGMA 2001-C95規範設計。 許用扭矩、許用最大功率已考慮安全係數(KA)。 All models designed based on AGMA 2001-C95's regulation. Nominal torque value has already included the safety factor. 2. 在許用扭矩參數表中，根據客戶特定的電機功率，選用合適減速比，速比(i)=n1/n2，即可判斷決定齒輪箱型號。 Choose according to the chart, and select the best fit value for your motor kw, and gear ratio. 3. 確定齒輪箱型號後，在尺寸參數表中查詢齒輪箱外型安裝尺寸，判斷是否符合要求。 After picking a model, please check if all installation sizes are suitable for your needs. (Adjustments may be arrange.) 4. 如沒有查到可匹配的齒輪箱，您可以將您的具體需求及適用的標準發給我們，我們會為您特殊訂制符合要求的齒輪箱。4. 如沒有查到可匹配的齒輪箱，您可以將您的具體需求及適用的標準發給我們，我們會為您特殊訂制符合要求的齒輪箱。 If none of the models shown on this chart meets your requirement, please contact us for alternatives.											
止推軸承壽命 Thrust bearing's life span:											
$Fa = \pi \times \frac{ds^2 \times Ps}{4 \times 10000} \text{ KN}$ $Lh10 = \frac{10^6}{60 \times n2} \times \left[\frac{Cdyn}{Fa} \right]^{\left[\frac{10}{3} \right]}$			Fa=止推軸承推力負荷 Fa=Thrust load Lh10=止推軸承壽命 Lh10=Thrust bearing life span			ds=螺桿直徑 ds=Screw diameter n2=螺桿轉速 n2=Screw RPM			Ps=螺桿承受壓力 (Bar) Ps=Pressure on screw Cdyn=止推軸承動負荷荷重 Cdyn=Thrust Bearing Dynamic Capacity		