

 異向錐形雙螺桿齒輪箱額定扭矩參數規格表 Conical Twin-Screw Gearbox Rated Torque Chart						
	轉速 (rpm)		齒輪箱型號 (Model)			
速比(i) Gear Ratio	輸入軸(n1) Input Speed	輸出軸(n2) Output Speed	CNR55-HT	CNR65-HT	CNR80-HT	CNR92-HT
	中心夾角 Cone Angle		2° 36' 14"	2° 11' 16"	2° 0' 18"	1° 52' 3"
	額定扭矩(N.M) (Rated Torque)		10400	12300	19500	39400
	安全係數(KA) Safety Factor		1.00	1.00	1.00	1.00
			額定最大功率 (kw) Rated Kw			
10	1800	180.00	196.04	231.86	367.58	742.70
	1500	150.00	163.37	193.21	306.31	618.91
	1000	100.00	108.91	128.81	204.21	412.61
15	1800	120.00	130.69	154.57	245.05	495.13
	1500	100.00	108.91	128.81	204.21	412.61
	1000	66.67	72.61	85.87	136.14	275.07
20	1800	90.00	98.02	115.93	183.79	371.35
	1500	75.00	81.68	96.61	153.16	309.46
	1000	50.00	54.46	64.40	102.10	206.30
25	1800	72.00	78.42	92.74	147.03	297.08
	1500	60.00	65.35	77.29	122.53	247.57
	1000	40.00	43.56	51.52	81.68	165.04
30	1800	60.00	65.35	77.29	122.53	247.57
	1500	50.00	54.46	64.40	102.10	206.30
	1000	33.33	36.30	42.94	68.07	137.54
35	1800	51.43	56.01	66.24	105.02	212.20
	1500	42.86	46.68	55.20	87.52	176.83
	1000	28.57	31.12	36.80	58.35	117.89
40	1800	45.00	49.01	57.96	91.89	185.67
	1500	37.50	40.84	48.30	76.58	154.73
	1000	25.00	27.23	32.20	51.05	103.15
45	1800	40.00	43.56	51.52	81.68	165.04
	1500	33.33	36.30	42.94	68.07	137.54
	1000	22.22	24.20	28.62	45.38	91.69
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。 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 :						
$Fa = \pi \times \frac{ds^2 \times Ps}{4 \times 10000} \text{ KN}$ $Lh10 = \frac{10^6}{60 \times n2} \times \left[\frac{Cdyn}{Fa} \right]^{\frac{10}{3}}$			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			