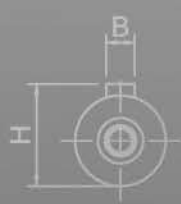
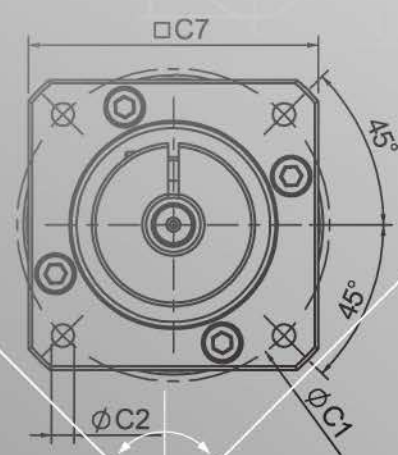
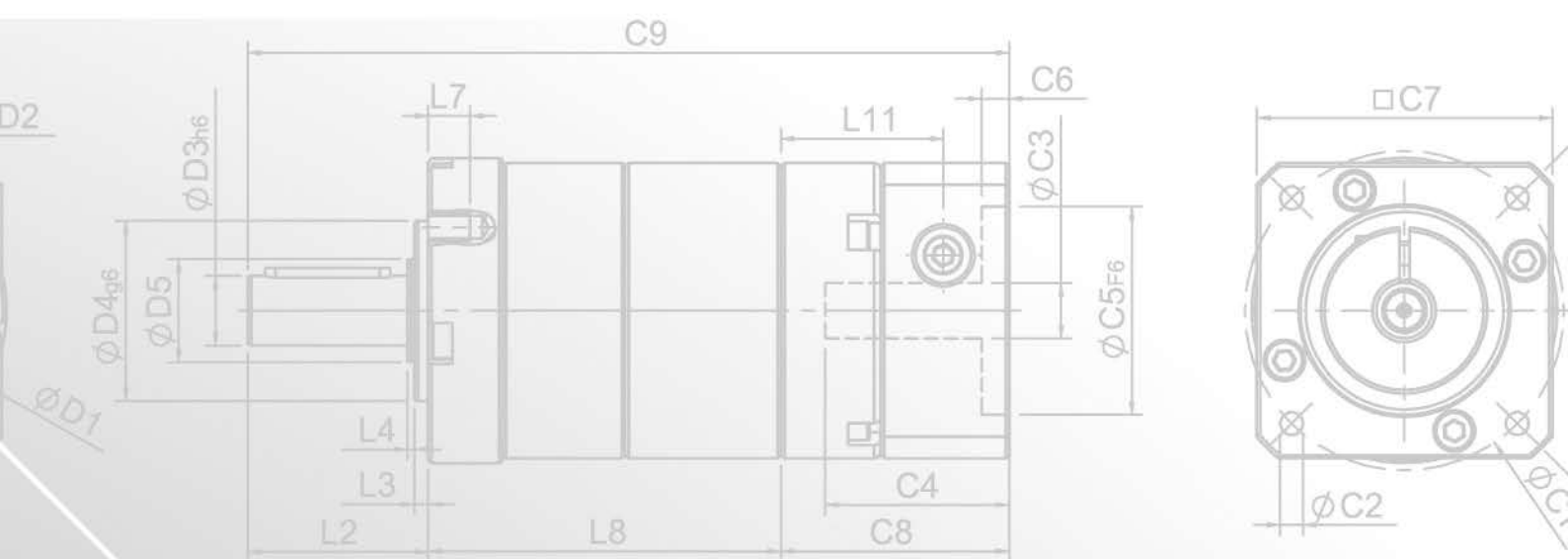


PNS ***SERIES***





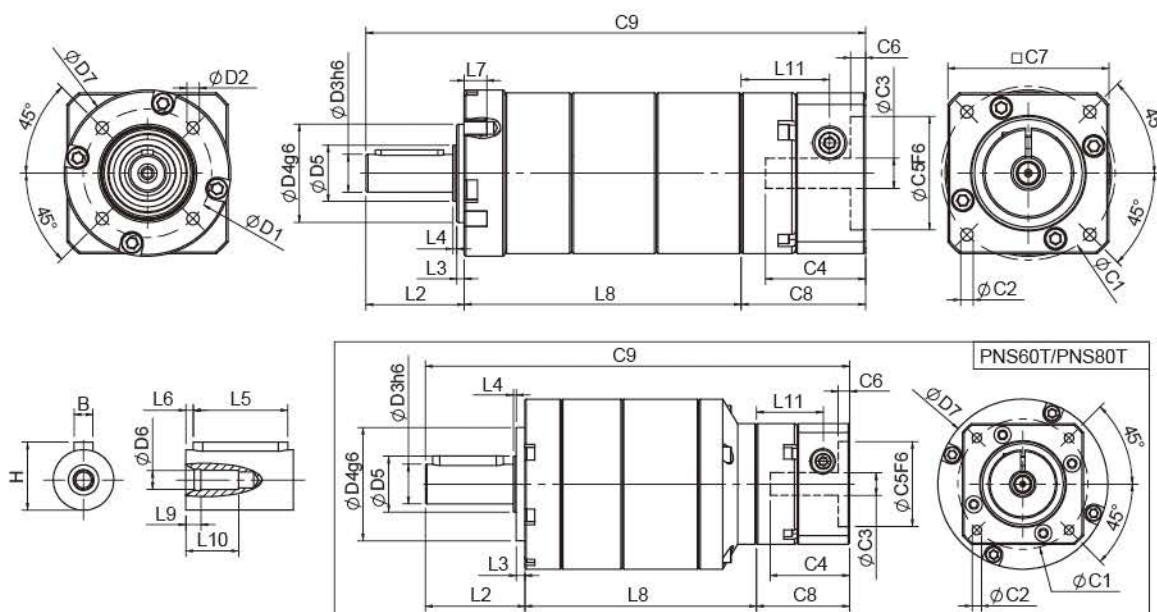


Unit:mm

尺寸 Dimensions	PNS40	PNS60	PNS60T	PNS80	PNS80T
D1	34	52		70	
D2	M4x0.7P	M5x0.8P		M6x1.0P	
D3 _{h6}	10	14		20	
D4 _{g6}	26	40		60	
D5	15	20		35	
D6	M3x0.5P	M5x0.8P		M6x1.0P	
D7	44	60		90	
L2	26	35		40	
L3	2	3		3	
L4	1	1		1	
L5	18	25		28	
L6	2.5	2.5		4	
L7	6	8		10	
L8	50.9	61.4	54.7	76	71.5
L9	3	4		4.5	
L10	9	16.5		16.5	
L11	23.4	31	23.4	37.3	31
C1 ²	46	70	46	90	70
C2 ²	M4x0.7P	M5x0.8P	M4x0.7P	M6x1.0P	M5x0.8P
C3 ²	≤8/≤11	≤14/≤19	≤8/≤11	≤19/≤24/≤28	≤14/≤19
C4 ²	26.5	33.5	26.5	41	33.5
C5 ² _{F6}	30	50	30	70	50
C6 ²	4	4	4	6	4
C7 ²	42.6	60	42.6	90	60
C8 ²	32.9	41.5	32.9	51.5	41.5
C9 ²	109.8	137.9	122.6	167.5	153
B	3	5		6	
H	11.2	16		22.5	

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PNS Triple Stage Dimensions PNS三段外型尺寸圖



Specifications 規格

Unit:mm

尺寸 Dimensions	PNS40	PNS60T	PNS80T
D1	34	52	70
D2	M4x0.7P	M5x0.8P	M6x1.0P
D3 _{h6}	10	14	20
D4 _{g6}	26	40	60
D5	15	20	35
D6	M3x0.5P	M5x0.8P	M6x1.0P
D7	44	60	90
L2	26	35	40
L3	2	3	3
L4	1	1	1
L5	18	25	28
L6	2.5	2.5	4
L7	6	8	10
L8	73.3	81.7	105.3
L9	3	4	4.5
L10	9	16.5	16.5
L11	23.4	23.4	31
C1 ²	46	46	70
C2 ²	M4x0.7P	M4x0.7P	M5x0.8P
C3 ²	$\leq 8/\leq 11$	$\leq 8/\leq 11$	$\leq 14/\leq 19$
C4 ²	26.5	26.5	33.5
C5 ² _{F6}	30	30	50
C6 ²	4	4	4
C7 ²	42.6	42.6	60
C8 ²	32.9	32.9	41.5
C9 ²	132.2	149.6	186.8
B	3	5	6
H	11.2	16	22.5

★ C1~C9是公製標準馬達連接板尺寸,請依所選用的馬達決定。

★ 本公司有權針對以上數據規格進行設計變更不先行告知。

★ C1~C9 are motor specific dimensions(metric std shown), Size may vary according to the motor flange chosen.

★ Specification subject to change without notice.

● PNS Specifications Table PNS性能規格共表

規格 Specifications		節數 Stage	減速比 Ratio	PNS-40	PNS-60	PNS-80	PNS-120
額定輸出力矩 T _{2N} Nominal Output Torque	N • m	1	3	9	28	85	200
			4	10	32	80	215
			5	11	35	95	215
			7	10	28	85	200
			9	8	23	75	195
			10	8	21	65	180
		節數 Stage	減速比 Ratio	PNS-40	PNS-60 / PNS-60T	PNS-80 / PNS-80T	PNS-120T
		2	15	11	35/24	95/68	168
			20	11	35/31	95/95	215
			25	11	35/30	95/95	215
			35	11	35/28	95/95	215
			45	11	35/27	95/92	215
			50	11	35/27	95/82	205
			70	10	28/28	85/85	200
			90	8	23/23	75/75	195
			100	8	21/21	65/65	180
		節數 Stage	減速比 Ratio	PNS-40	PNS-60T	PNS-80T	PNS-120T
		3	125	11	35	95	215
			175	11	35	95	215
			225	11	35	95	215
			245	11	35	95	215
			315	11	35	95	215
			405	11	35	95	215
			567	10	28	85	200
			729	8	23	75	195
			1000	8	21	65	180
急停力矩 T _{2NOT} Emergency Stop Torque	N • m	2.5 倍額定輸出力矩 (2.5 times of Nominal Output Torque) * 最大輸出力矩 Max. Output Torque T _{2B} = 60% of Emergency Stop Torque)					
額定輸入轉速 n _{1N} Nominal Input Speed	rpm	1,2,3	3-1000	4000	4000	3000	2500
最大輸入轉速 n _{1max} Max. Input Speed	rpm	1,2,3	3-1000	6000	6000	6000	5000
標準背隙 Standard Backlash P2	arcmin	1	3-10	≤ 9	≤ 8	≤ 7	≤ 6
		2	15-100	≤ 12	≤ 10	≤ 9	≤ 8
		3	125~1000	≤ 15	≤ 12	≤ 12	≤ 12
扭轉剛性 Torsional Rigidity	N • m /arcmin	1,2,3	3-1000	1.2	3.5	8.5	17
容許徑向力 F _{2rB} ¹ Max. Radial Load	N • m	1,2,3	3-1000	580	960	2160	-
容許軸向力 F _{2aB} ¹ Max. Axial Load	N	1,2,3	3-1000	410	430	790	-
使用溫度 Operating Temp.	°C	1,2,3	3-1000	-10°C ~ +90°C			
使用壽命 Service Life	hr	1,2,3	3-1000	20,000(10,000 連續運轉 Continuous operation)			
效率 Efficiency	%	1	3-10	≥ 95%			
		2	15-100	≥ 90%			
		3	125~1000	≥ 85%			
重量 Weight	kg	1	3-10	0.5	1.1	2.8	-
		2	15-100	0.7	1.5/1.3	4.2/3.1	-
		3	125~1000	-	-	-	-
安裝方向 Mounting Position	-	1,2,3	3-1000	任意方向 Any direction			
噪音值 Noise Level ²	dBA/1m	1,2,3	3-1000	60	63	66	67
防護等級 Protection Class	-	1,2,3	3-1000	IP 65			
潤滑 Lubrication	-	1,2,3	3-1000	全合成潤滑油脂 Synthetic Lubricant			
減速機轉動慣量 Inertia (J1)							
節數 Stage	減速比 Ratio	單位 unit		PNS-40(ψ8)	PNS-60(ψ14)	PNS-80(ψ19)	PNS-120(ψ24)
1	3	Kg • cm ²		0.04	0.23	0.77	2.30
	4			0.03	0.21	0.67	1.92
	5~10			0.03	0.21	0.61	1.71
節數 Stage	減速比 Ratio			PNS-40(ψ8)	PNS-60(ψ14) / PNS-60T(ψ8)	PNS-80(ψ19) / PNS-80T(ψ14)	PNS-120T(ψ19)
2	15			0.04	0.23(0.04)	0.77(0.23)	0.77
	其它比數 Other ratios			0.03	0.21(0.03)	0.61(0.21)	0.61
節數 Stage	減速比 Ratio			PNS-40(ψ8)	PNS-60T(ψ8)	PNS-80T(ψ14)	PNS-120T(ψ19)
3	所有比數 All ratios			0.03	0.03	0.21	0.61
* 1. 輸出轉速 100rpm 時,作用於輸出軸中心位置 Applied to the output shaft center @100rpm. * 2. 3000rpm 空載重測 Measured at 3000rpm with no load ※本公司有權對以上數據規格逕行設計變更不先行告知。 The above figures/specifications are subject to change without prior notice.							

* 1. 輸出轉速 100rpm 時, 作用於輸出軸中心位置 Applied to the output shaft center @100rpm.

* 2. 3000rpm 空載重測 Measured at 3000rpm with no load

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Products due to human error, natural disasters or other factors lead to poor or damaged, will not be covered under warranty.

產品因人為原因或天災等因素導致不良或損壞, 不在保固範圍內。