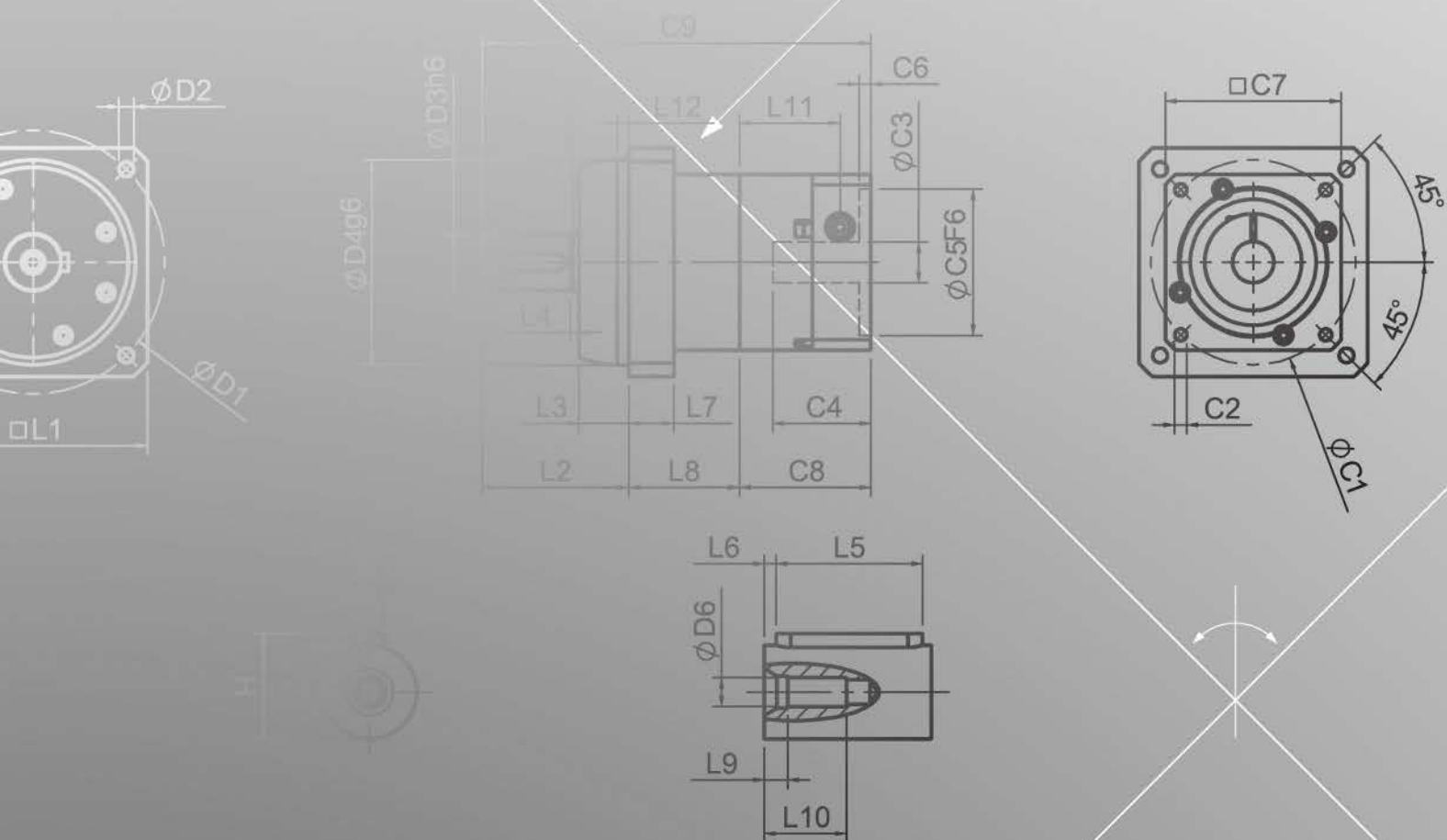
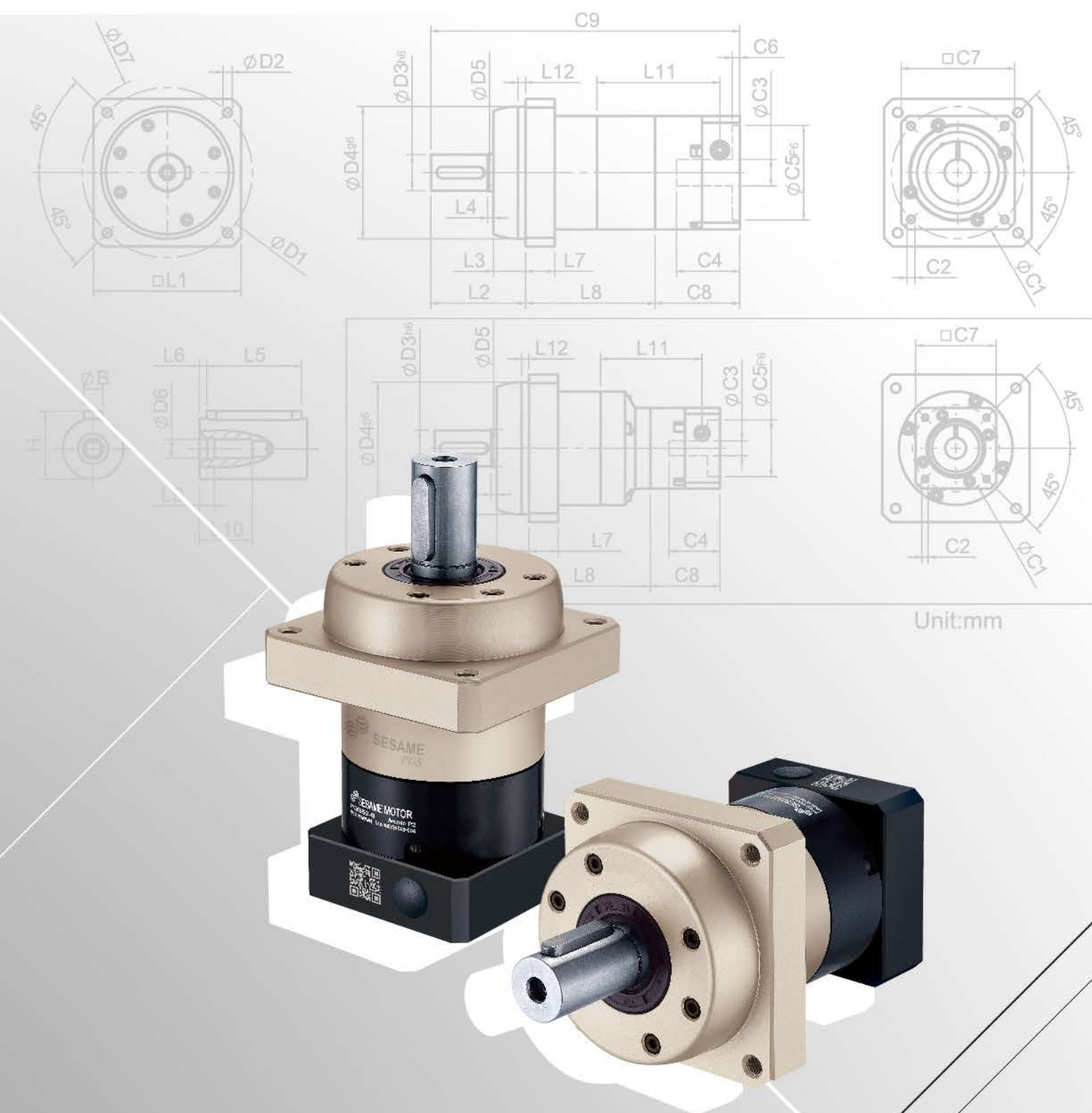
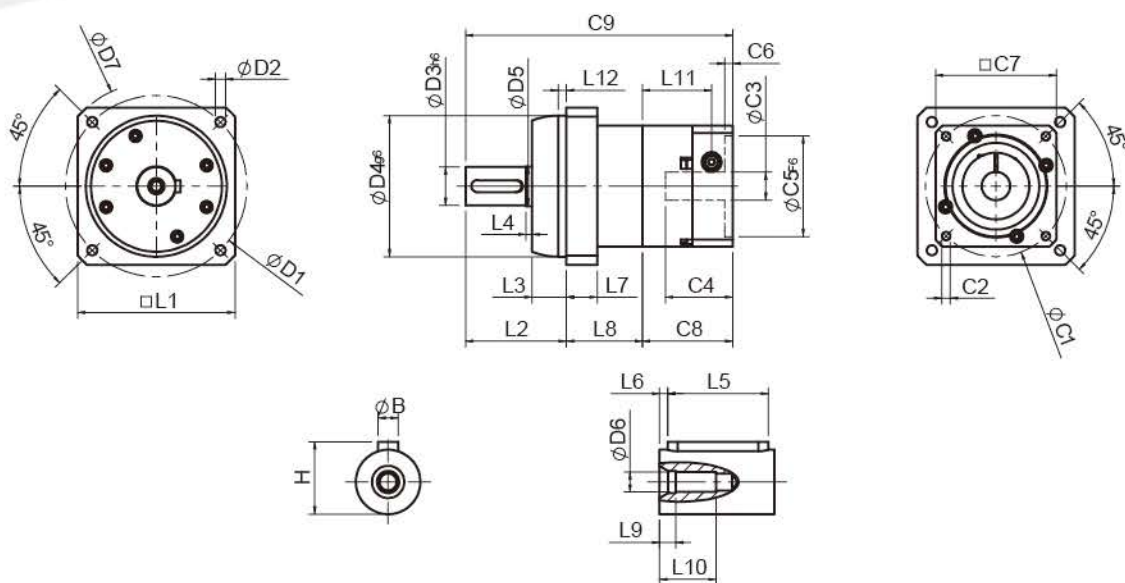


PGS SERIES





PGS Single Stage Dimensions PGS單段外型尺寸圖



● Specifications 規格

Unit:mm

尺寸 Dimensions	PGS42	PGS60	PGS90
D1	60	90	115
D2	M5x0.8P	M6x1.0P	M8x1.25P
D3 _{h6}	12	19	24
D4 _{g6}	50	70	90
D5	17	20	30
D6	M4x0.7P	M6x1.0P	M8x1.25P
D7	70	104	132
L1	52	78	98
L2	32	50	61
L3	10	17	18
L4	2	3	1.5
L5	16	25	32
L6	2	3	3
L7	11.5	15.4	18
L8	27.6	37.8	46.2
L9	4	4	4.5
L10	14	16.5	20.5
L11	26.9	34.3	41.55
L12	3	4	5
C1 ²	46	70	90
C2 ²	M4x0.7P	M5x0.8P	M6x1.0P
C3 ²	≤8/≤11	≤14/≤19	≤19/≤24/≤28
C4 ²	26.5	33.5	41
C5 ² _{F6}	30	50	70
C6 ²	4	4	6
C7 ²	42.6	60	90
C8 ²	36.4	44.8	55.8
C9 ²	96	132.6	163
B	4	6	8
H	13.5	21.5	27

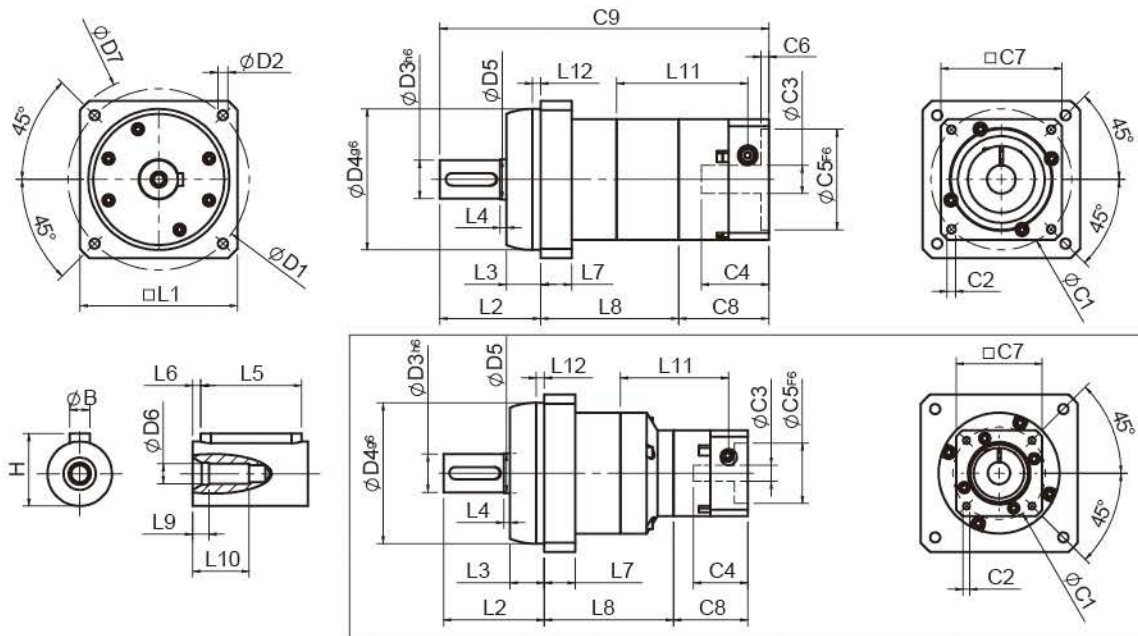
★ C1~C9是公製標準馬達連接板尺寸,請依所選用的馬達決定。

★ 本公司有權針對以上數據規格逕行設計變更不先行告知。

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

★ Specification subject to change without notice.

PGS Double Stage Dimensions PGS雙段外型尺寸圖



Specifications 規格

Unit:mm

尺寸 Dimensions	PGS42	PGS60	PGS60T	PGS90	PGS90T
D1	60	90		115	
D2	M5x0.8P	M6x1.0P		M8x1.25P	
D3 _{h6}	12	19		24	
D4 _{g6}	50	70		90	
D5	17	20		30	
D6	M4x0.7P	M6x1.0P		M8x1.25P	
D7	70	104		132	
L1	52	78		98	
L2	32	50		61	
L3	10	17		18	
L4	2	3		1.5	
L5	16	25		32	
L6	2	3		3	
L7	11.5	15.4		18	
L8	52.5	68.5	64.1	87.2	83.8
L9	4	4		4.5	
L10	14	16.5		20.5	
L11	51.8	34.3	26.9	41.55	34.3
L12	3	4		5	
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	36.4	44.8	36.4	55.8	44.8
C9 ²	120.9	163.3	150.5	204	189.6
B	4	6		8	
H	13.5	21.5		27	

★ 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 motor flange.

★ Specification subject to change without notice.

PGS Specifications Table PGS性能規格共表

規格 Specifications		節數 Stage	減速比 Ratio	PGS-42	PGS-60	PGS-90	PGS-115
額定輸出力矩 T _{2N} Nominal Output Torque	N • m	1	3	9	28	85	250
			4	10	32	80	230
			5	11	35	95	255
			7	10	28	85	210
			9	8	23	75	180
		節數 Stage	減速比 Ratio	PGS-42	PGS-60/ PGS-60T	PGS-90/ PGS-90T	PGS-115T
		2	15	11	34	90	250
			20	10	32	80	230
			25	11	35	95	255
			35	11	35	95	255
			45	11	35	95	255
			49	10	28	85	210
			63	10	28	85	210
			81	8	23	75	180
急停力矩 T _{2NOT} Emergency Stop Torque	N • m	3.0 倍額定輸出力矩 (3.0 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	3-81	4000	4000	3000	2500
最大輸入轉速 n _{1max} Max. Input Speed	rpm	1,2	3-81	8000	6000	6000	5000
標準背隙 Standard Backlash P2	arcmin	1 2	3-9 15-81	≤ 9 ≤ 12	≤ 8 ≤ 10	≤ 7 ≤ 9	≤ 6 ≤ 8
扭轉剛性Torsional Rigidity	N • m /arcmin	1,2	3-81	1.8	5.0	10.5	20
容許徑向力 F _{2re} ¹ Max. Radial Load	N	1,2	3-81	1120	1720	2800	4600
容許軸向力 F _{2aB} ¹ Max. Axial Load	N	1,2	3-81	520	830	1730	2950
使用溫度 Operating Temp.	°C		3-81	-10 °C ~ +90 °C			
使用壽命Service Life	hr		3-81	20,000 (10,000/ 連續運轉 Continuous operation)			
效率 Efficiency	%	1 2	3-9 15-81	≥ 95% ≥ 90%			
重量 Weight	kg	1 2	3-9 15-81	0.6 0.9	1.5 2.0/1.8	3.4 5.1/4.0	7.8 9.5
安裝方向 Mounting Position	-	1,2	3-81	任意方向Any direction			
噪音值 Noise Level ²	dB(A)/1m	1,2	3-81	61	63	66	67
防護等級 Protection Class	-	1,2	3-81	IP65			
潤滑 Lubrication	-	1,2	3-81	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	PGS-42(ψ8)	PGS-60(ψ14)	PGS-90(ψ19)	PGS-115(ψ24)	
1	3	Kg • cm ²	0.04	0.23	0.77	2.30	
	4		0.03	0.21	0.67	1.92	
	5		0.03	0.21	0.61	1.71	
	7		0.03	0.21	0.60	1.65	
	9		0.03	0.21	0.60	1.63	
節數Stage	減速比Ratio		PGS-42(ψ8)	PGS-60(ψ14)/ PGS-60T(ψ8)	PGS-90(ψ19)/ PGS-90T(ψ14)	PGS-115T(ψ19)	
2	15/20/25		0.03	0.21(0.03)	0.61(0.21)	0.61	
	35/49		0.03	0.21(0.03)	0.60(0.21)	0.60	
	45/63/81		0.03	0.21(0.03)	0.60(0.21)	0.60	
* 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進行設計變更不先行告知。 The above figures/specifications are subject to change without prior notice.							

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。

