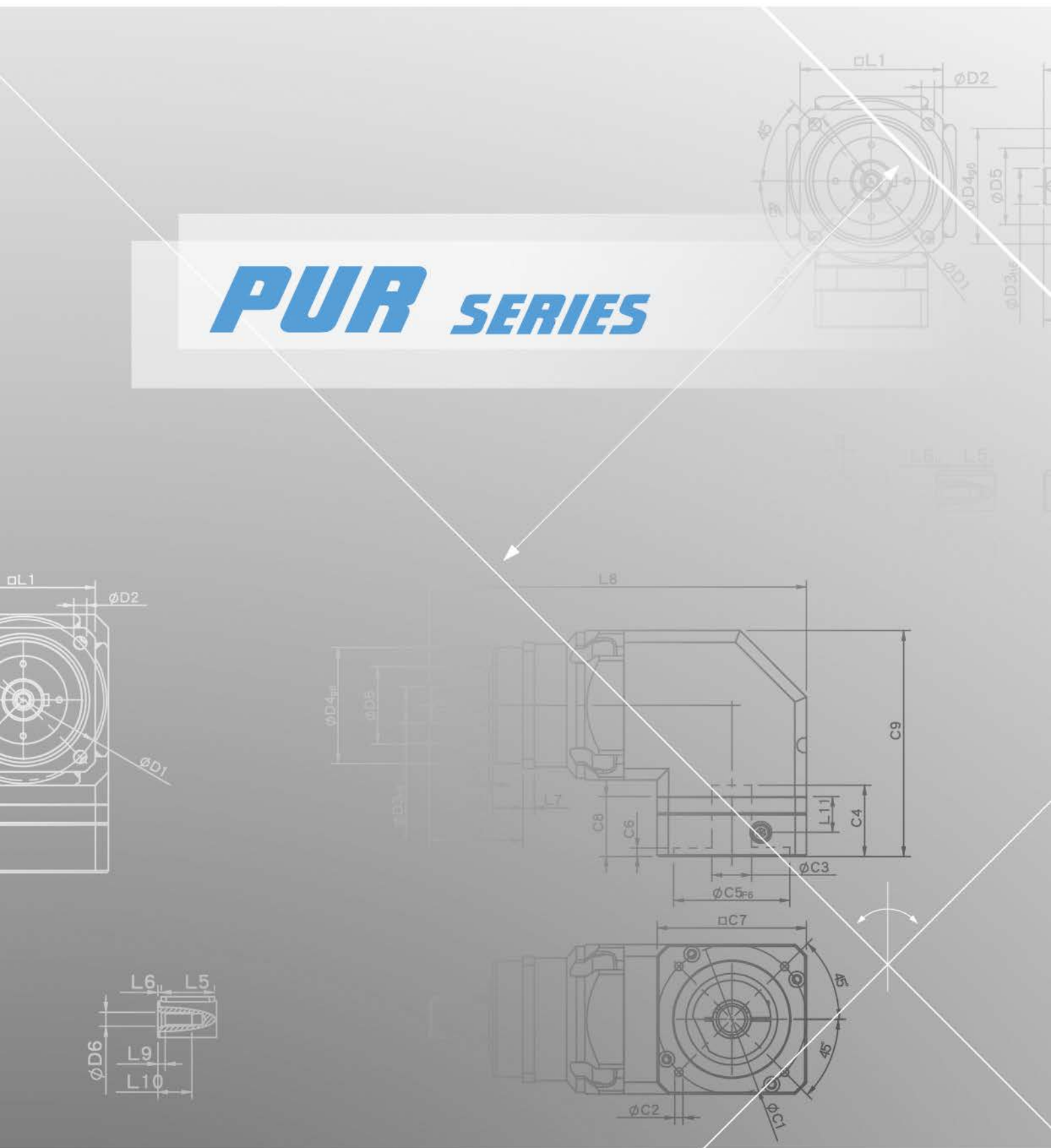
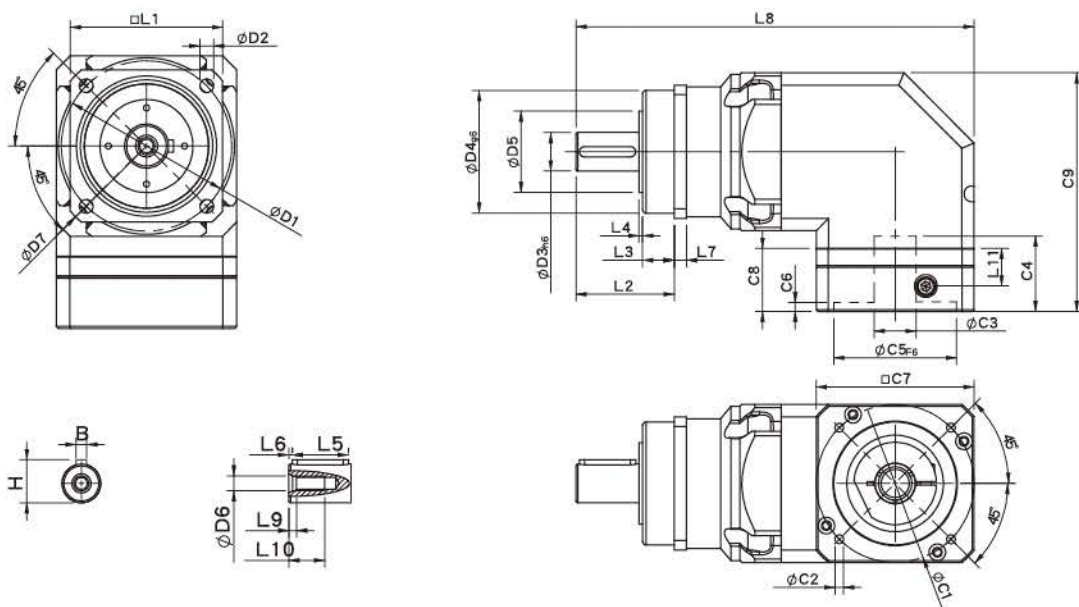


PUR SERIES





PUR Single Stage Dimensions PUR單段外型尺寸圖



Specifications 規格

Unit:mm

尺寸 Dimensions	PUR60	PUR75	PUR100	PUR140
D1	68	85	120	-
D2	5.5	6.8	9	-
D3 h6	16	22	32	-
D4 g6	60	70	90	-
D5	34.6	46.4	59.6	-
D6	M5x0.8P	M8x1.25P	M12x1.75P	-
D7	80	100	138	-
L1	62	76	105	-
L2	48.5	56	88	-
L3	18.5	18	28	-
L4	1.5	2	2	-
L5	25	32	40	-
L6	2	2	5	-
L7	6	7	10	-
L8	166.7	227	260.5	-
L9	4	4.5	6	-
L10	16.5	20.5	30	-
L11	22.5	21.5	31.8	-
C1 ²	70	90	115	-
C2 ²	M5x0.8P	M6x1.0P	M8x1.25P	-
C3 ²	≤14/≤19	≤14/≤19	≤24/≤32	-
C4 ²	34	45	53	-
C5 ² F6	50	70	95	-
C6 ²	4	4	6	-
C7 ²	60	90	115	-
C8 ²	33	36	48	-
C9 ²	108.8	136	174.5	-
B	5	6	10	-
H	18	24.5	35	-

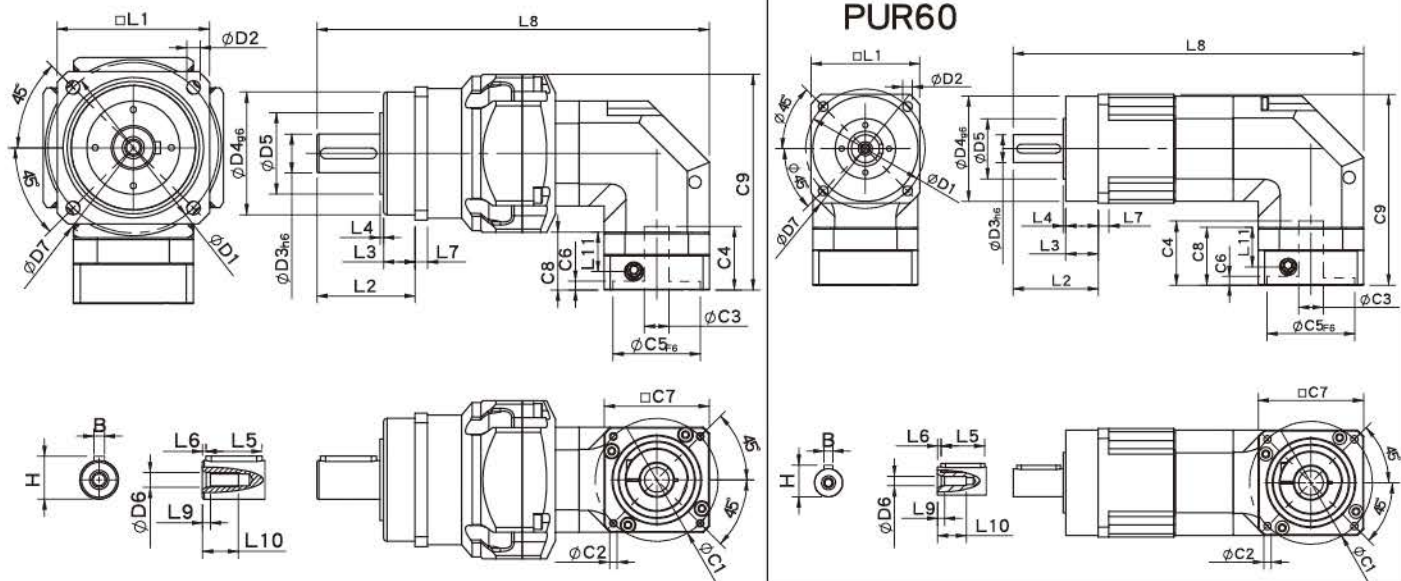
★ C1~C9是公製標準馬達連接板尺寸,請依所選用的馬達決定。

★ 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.

PUR Double Stage Dimensions PUR雙段外型尺寸圖



Specifications 規格

Unit:mm

尺寸 Dimensions	PUR60	PUR60T	PUR75T	PUR100T
D1	68	68	85	120
D2	5.5	5.5	6.8	9
D3 h6	16	16	22	32
D4 g6	60	60	70	90
D5	34.6	34.6	46.4	59.6
D6	M5x0.8P	M5x0.8P	M8x1.25P	M12x1.75P
D7	80	80	100	138
L1	62	62	76	105
L2	48.5	48.5	56	88
L3	18.5	18.5	18	28
L4	1.5	1.5	2	2
L5	25	25	32	40
L6	2	2	2	5
L7	6	6	7	10
L8	199.7	170.3	223.7	286.5
L9	4.5	4	4.5	6
L10	20.5	16.5	20.5	30
L11	22.5	15.5	22.5	21.5
C1 ²	70	46	70	90
C2 ²	M5x0.8P	M4x0.7P	M5x0.8P	M6x1.0P
C3 ²	≤14/≤19	≤8	≤14/≤19	≤19/≤24
C4 ²	34	29	34	45
C5 ² F6	50	30	50	70
C6 ²	4	4	4	6
C7 ²	60	42.6	60	90
C8 ²	33	25	33	36
C9 ²	108.8	80.5	122.8	148.5
B	6	5	6	10
H	24.5	18	24.5	35

★ 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 the motor flange chosen.

★ Specification subject to change without notice.

PUR Specifications Table PUR性能規格共表

規格 Specifications		節數 Stage	減速比 Ratio	PUR-60	PUR-75	PUR-100	PUR-140	PUR-180	PUR-220		
額定輸出力矩 T _{2N} Nominal Output Torque	N • m	1	3	53	145	290	520	580	1100		
			4	55	150	300	550	1100	1700		
			5	54	140	290	530	1200	2000		
			6	46	135	280	490	1100	1850		
			7	44	125	270	450	1100	1750		
			8	41	110	240	390	1000	1550		
			9	37	95	220	360	900	1500		
			10	37	95	220	360	900	1450		
			14	44	125	270	450	1100	1750		
			20	37	95	220	360	900	1450		
		2	節數 Stage	減速比 Ratio	PUR-60 (T)	PUR-75T	PUR-100T	PUR-140T	PUR-180T	PUR-220T	
					15	53	145	290	520	580	2000
					20	55	150	300	550	1100	2000
					25	54	140	290	530	1200	2000
					30	54	140	290	530	1200	2000
					35	54	140	290	530	1200	2000
					40	54	140	290	530	1200	2000
					45	54	140	290	530	1200	2000
					50	54	140	290	530	1200	2000
					60	46	135	280	490	1100	1850
					70	44	125	270	450	1100	1750
					80	41	110	240	390	1000	1550
					90	37	95	220	360	900	1500
					100	37	95	220	360	900	1450
					120	46	135	280	490	1100	1850
					140	44	125	270	450	1100	1750
					160	41	110	240	390	1000	1550
					180	37	95	220	360	900	1500
					200	37	95	220	360	900	1450
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	3-200	5000	4000	4000	3000	3000	2000		
最大輸入轉速 n _{1max} Max. Input Speed	rpm	1,2	3-200	10000	8000	8000	6000	6000	4000		
超精密背隙 Micro Backlash P0	arcmin	1	3-20	-	≤ 3	≤ 2	≤ 2	≤ 2	≤ 2		
		2	15-200	-	≤ 5	≤ 4	≤ 4	≤ 4	≤ 4		
精密背隙 Precision Backlash P1	arcmin	1	3-20	≤ 5	≤ 5	≤ 4	≤ 4	≤ 4	≤ 4		
		2	15-200	≤ 7	≤ 7	≤ 7	≤ 7	≤ 7	≤ 7		
標準背隙 Standard Backlash P2	arcmin	1	3-20	≤ 7	≤ 7	≤ 6	≤ 6	≤ 6	≤ 6		
		2	15-200	≤ 9	≤ 9	≤ 9	≤ 9	≤ 9	≤ 9		
扭轉剛性Torsional Rigidity	N • m /arcmin	1,2	3-100	7	14	25	50	150	220		
容許徑向力 F _{2rB} ¹ Max. Radial Load	N	1,2	3-100	4130	5220	10650	17600	22000	27800		
容許軸向力 F _{2aB} ¹ Max. Axial Load	N	1,2	3-100	2500	3300	5700	11300	14000	16200		
使用溫度 Operating Temp.	°C		3-100	-10 °C ~+90 °C							
使用壽命Service Life	hr		3-100	30,000 (15,000/ 連續運轉 Continuous operation)							
效率 Efficiency	%	1	3-10	≥ 95%							
		2	12-100	≥ 92%							
重量 Weight	kg	1	3-10	3.1	5.46	12.5	-	-	-		
		2	12-100	3.7/3.3	4.87	13.6	-	-	-		
安裝方向 Mounting Position	-	1,2	3-100	任意方向Any direction							
噪音值 Noise Level ²	dBA/1m	1,2	3-100	64	66	68	70	72	74		
防護等級 Protection Class	-	1,2	3-100	IP65							
潤滑 Lubrication	-	1,2	3-100	全合成潤滑油 Synthetic Lubricant							
減速機轉動慣量 Inertia(J1)											
節數Stage	減速比Ratio	單位unit		PUR-60	PUR-90	PUR-115	PUR-140	PUR-180	PUR-220		
1	3/4/5/7/9	Kg • cm ²		0.40	2.28	6.87	24.2	69.8	138.2		
	6/8/10/14/20			0.30	1.45	4.76	14.5	50.3	103.6		
節數Stage	減速比Ratio			PUR-60(T)	PUR-90T	PUR-115T	PUR-140T	PUR-180T	PUR-220T		
2	15/20/25/35/45			0.40(0.08)	0.72	3.02	7.83	27.7	80.3		
	others			0.30(0.06)	0.38	1.64	5.00	15.9	55.3		

* 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.

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。

SERVO MOTOR GEARHEADS



PHL | PHFR | PHF | PGH | PUR | PHL | PGLH | PGL | PGC | PGE | PGRH | PGR | PGRH | PGF | PBC | PBE | PAE | PAC | PAN | PGS | PNS