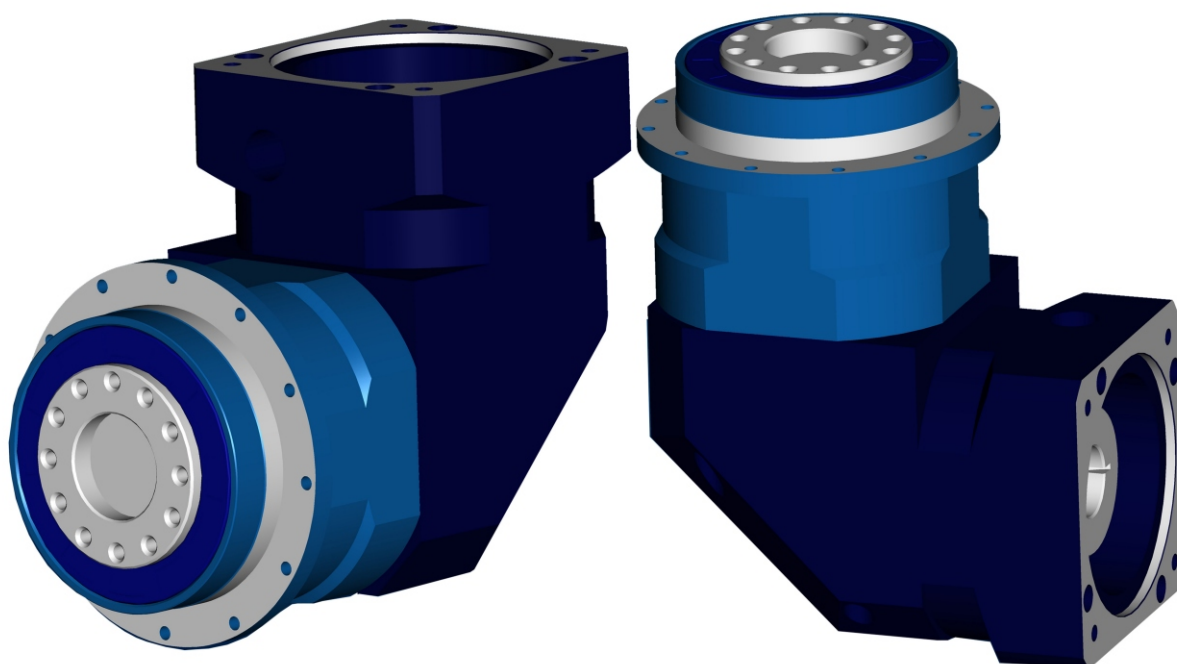




ADR系列减速機

特點：為同軸式法蘭盤轉角式輸出，具有精度高、鋼性好、承載力大、效率高、壽命長、噪音低、體積輕小、外形美觀，安裝方便、定位精準等特點，適用於交流伺服馬達、直流伺服馬達、步進馬達的減速傳動。

型號分爲：ADR60、ADR90、ADR120、ADR160、ADR200

一級速比：3, 4, 5, 7, 10;

回程間隙：5-10arcmin

二級速比：16, 20, 25, 28, 35, 40, 50, 70, 100;

回程間隙：7-12arcmin

三級速比：64, 80, 100, 125, 150, 175, 200, 250, 350, 400, 500, 700, 1000 ;

回程間隙：9-15arcmin

應用領域：精密機床、軍工設備、半導體設備、印刷包裝設備，太陽能、工業機器人、醫療設備、精密測試儀器等高精度場合的應用。



減速機性能參數

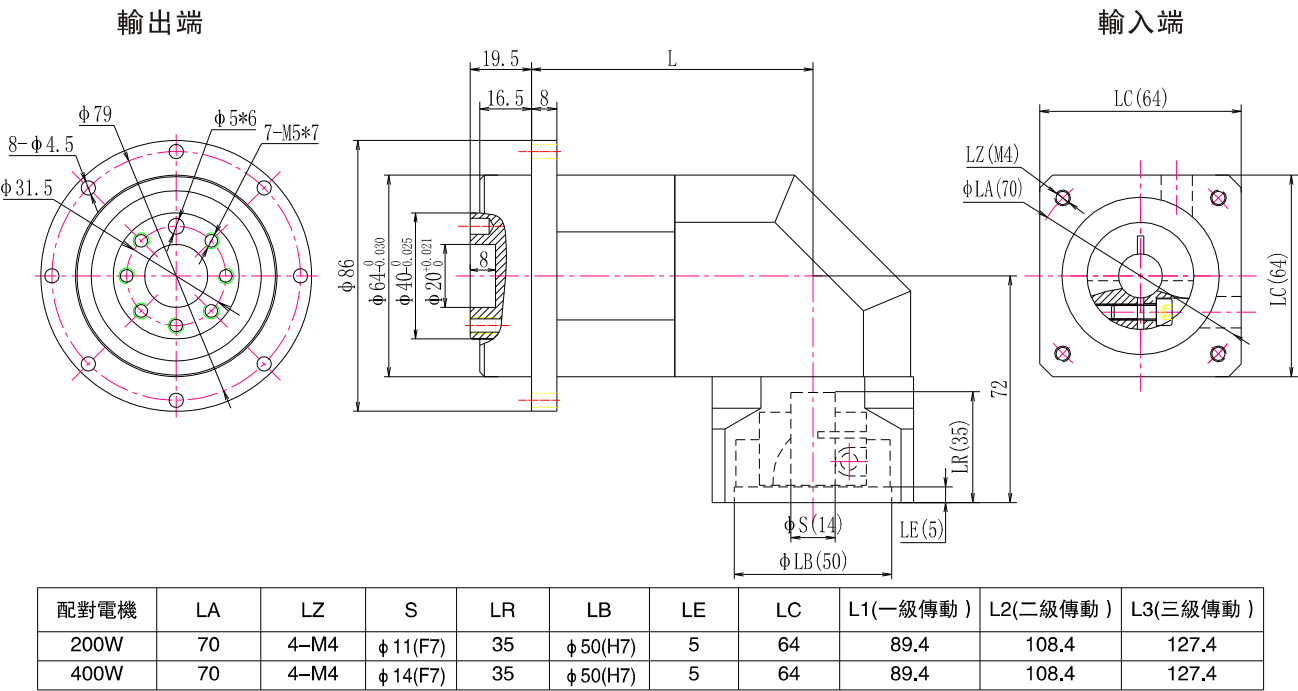
規格	單位	段數	速比	ADR60	ADR90	ADR120	ADR160	ADR200
額定承受扭矩 T2N	Nm	L1	4	42	112	210	585	1320
			5	42	112	210	585	1220
			7	33	92	168	378	1000
			10	15	54	85	310	800
		L2	16	42	112	210	585	1320
			20	42	112	210	585	1320
			25	42	112	210	585	1220
			35	42	112	210	585	1220
			40	42	112	210	585	1320
			50	42	112	210	585	1220
			70	33	92	168	378	1000
			100	15	54	85	310	800
		L3	64	42	112	210	585	1320
			80	42	112	210	585	1320
			100	42	112	210	585	1320
			125	42	112	210	585	1320
			140	42	112	210	585	1320
			175	42	112	210	585	1320
			245	42	112	210	585	1320
			280	42	112	210	585	1320
			350	42	112	210	585	1320
			400	42	112	210	585	1320
			500	42	112	210	585	1220
			700	33	92	168	378	1000
			1000	15	54	85	310	800
最大承受扭矩T2B	Nm	L1 L2 L3	4-1000	2.0倍額定輸出扭矩				
額定輸入轉數n1N	rpm	L1 L2 L3	4-1000	4000	3500	3000	2500	2000
最大輸入轉數n1B	rpm	L1 L2 L3	4-1000	6000	6000	5000	4000	3000
精密背隙P1	arcmin	L1	4-10	≤5	≤5	≤5	≤5	≤5
		L2	16-100	≤7	≤7	≤7	≤7	≤7
		L3	64-1000	≤9	≤9	≤9	≤9	≤9
標準背隙P2		L1	4-10	≤10	≤10	≤10	≤10	≤10
		L2	16-100	≤12	≤12	≤12	≤12	≤12
		L3	64-1000	≤15	≤15	≤15	≤15	≤15
容許徑向力F1	N	L1 L2 L3	4-1000	680	1750	3100	5650	6200
容許軸向力F2	N	L1 L2 L3	4-1000	340	875	1250	2275	3100
使用壽命	h	L1 L2 L3	4-1000	20000				
效率 η	%	L1	4-10	95%	95%	95%	95%	95%
		L2	16-100	92%	92%	92%	92%	92%
		L3	64-1000	88%	88%	88%	88%	88%
重量	kg	L1	4-10	2.4	4.5	12	28	45
		L2	16-100	2.6	5.0	14	33	50
		L3	64-1000	2.8	6.5	18	38	55
噪音	dB	L1 L2 L3	4-1000	≤65	≤68	≤68	≤72	≤72
使用溫度	℃	L1 L2 L3	4-1000	-20℃~+90℃				

減速機轉動慣量:

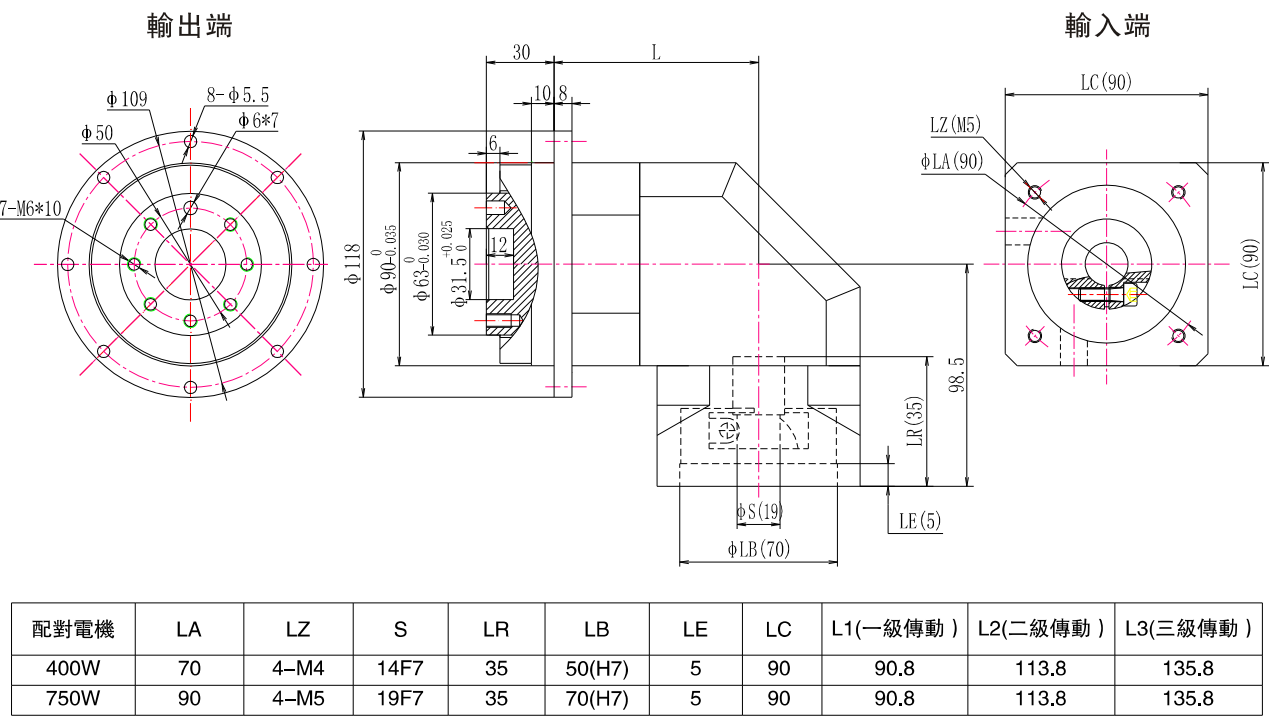
規格	單位	段數	速比	ADR60	ADR90	ADR120	ADR160	ADR200
轉動慣量J	kg.cm ²	L1	4/5	0.48	1.75	12.8	22.4	35.5
			7-10	0.42	1.45	11.4	18.6	28.5
		L2	15-40	0.45	1.52	12.2	18.6	28.6
			50-100	0.32	1.35	11.5	16.9	20.9
		L3	64-280	0.32	1.36	12.2	16.3	18.2
			350-1000	0.32	1.29	12.2	16.3	18.2



ADR60外形圖



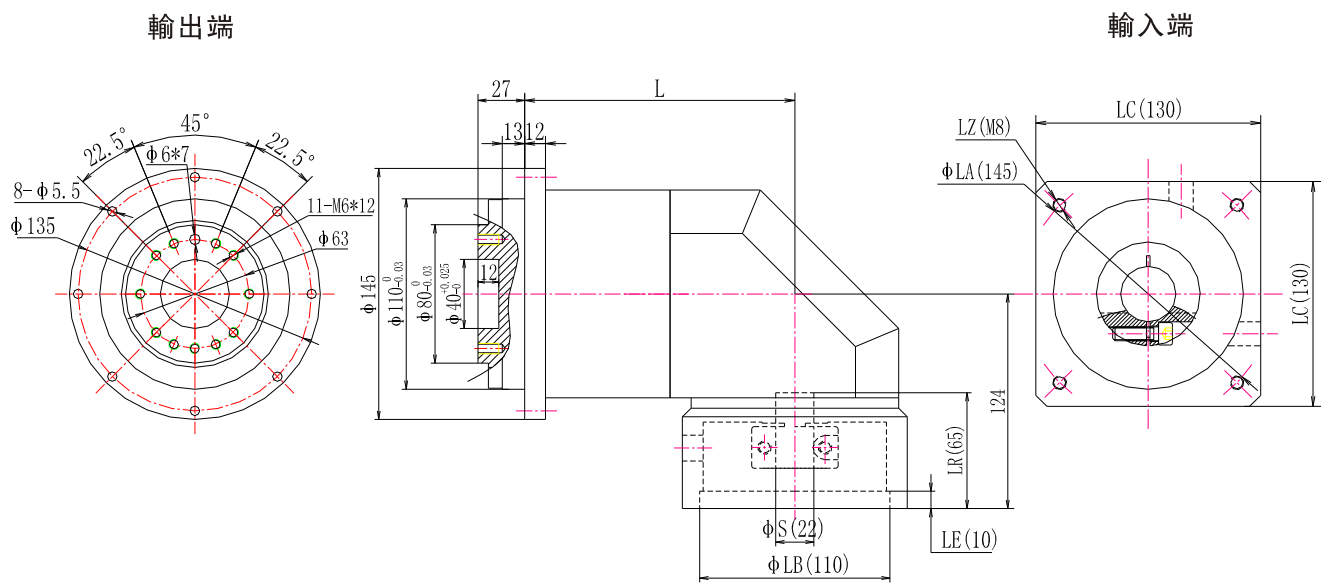
ADR90外形圖



圖紙尺寸為常用公制電機接口，其它特殊型號請聯系本公司

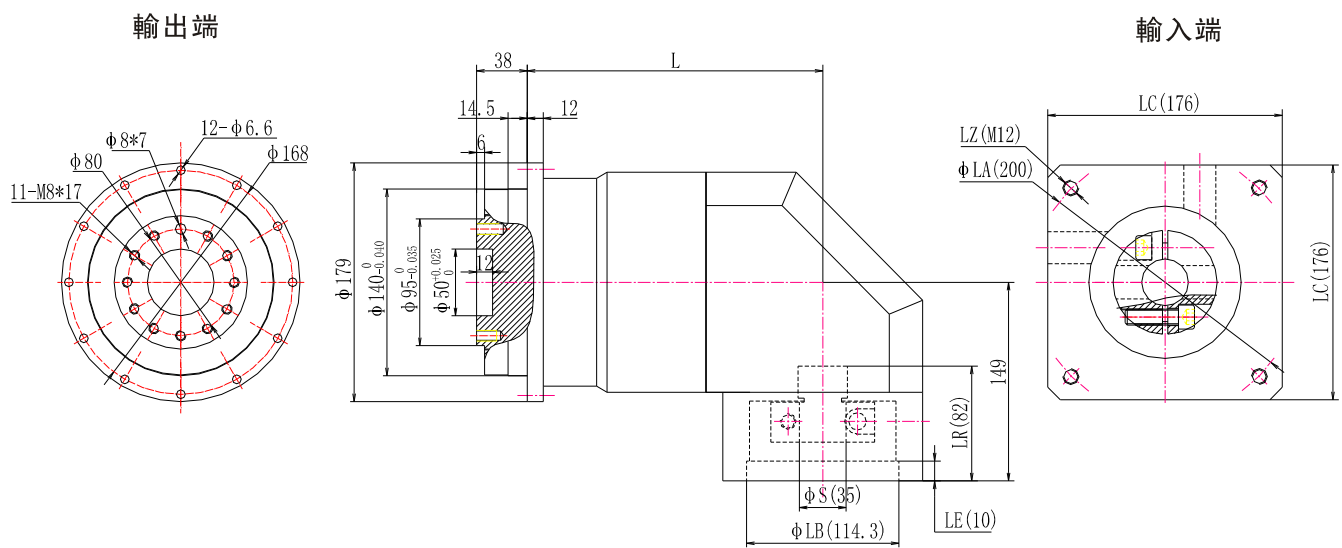


ADR120外形圖



配對電機	LA	LZ	S	LR	LB	LE	LC	L1(一級傳動)	L2(二級傳動)	L3(三級傳動)
750W	90	4-M6	19F7	55	70(H7)	10	130	125.2	156.2	177.2
1500W	145	4-M8	22/24(F7)	65	110(H7)	10	130	125.2	156.2	177.2

ADR160外形圖



配對電機	LA	LZ	S	LR	LB	LE	LC	L(一級傳動)	L2(二級傳動)	L3(三級傳動)
2000W	145	4-M8	22(F7)	65	110(H7)	10	176	176	222	260
3000W	200	4-M12	35(F7)	80	114.3(H7)	10	176	176	222	260
4200W	215	4-M12	38/42(F7)	115	180(H7)	10	190	176	222	260

圖紙尺寸為常用公制電機接口，其它特殊型號請聯系本公司

Technical drawing of a mechanical component, showing three views: a front view, a top view, and a side view.

Front View (Left): Shows the output end (輸出端) of the component. The main body has a diameter of $\phi 247$. The output flange has a diameter of $\phi 233$ and features 12 holes of diameter $\phi 9$. The input flange has a diameter of $\phi 125$ and features 1-M10-7H threads. The central shaft has a diameter of $\phi 10 \times 10$. The total length of the component is L .

Top View (Right): Shows the input end (輸入端) of the component. The main body has a diameter of $\phi 176$. The input flange has a diameter of $\phi 176$ and features 12 holes of diameter $\phi 9$. The central shaft has a diameter of $\phi 10 \times 10$. The total length of the component is L .

Side View (Bottom): Shows the cross-section of the component. The main body has a diameter of $\phi 160$ and a length of 50. The input flange has a diameter of $\phi 125$ and a thickness of 15. The central shaft has a diameter of $\phi 10 \times 10$. The total length of the component is L .

Dimensions and Labels:

- Output end (輸出端): $\phi 247$, $\phi 233$, $\phi 125$, $\phi 10 \times 10$, $\phi 9$, 1-M10-7H, L .
- Input end (輸入端): $\phi 176$, $\phi 176$, $\phi 125$, $\phi 10 \times 10$, $\phi 9$, L .
- Side View: $\phi 160$, 50, 15, $\phi 10 \times 10$, $\phi 9$, L .

配對電機	LA	LZ	S	LR	LB	LE	LC	L(一級傳動)	L2(二級傳動)	L3(三級傳動)
3000W	200	4-M12	35F7	82	114.3H7	10	200	194.7	224.2	270.2
4200W	215	4-M12	38/42F7	115	180H7	10	200	194.7	224.2	270.2
7500W	235	4-M12	55F7	120	200H7	10	220	194.7	224.2	270.2

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