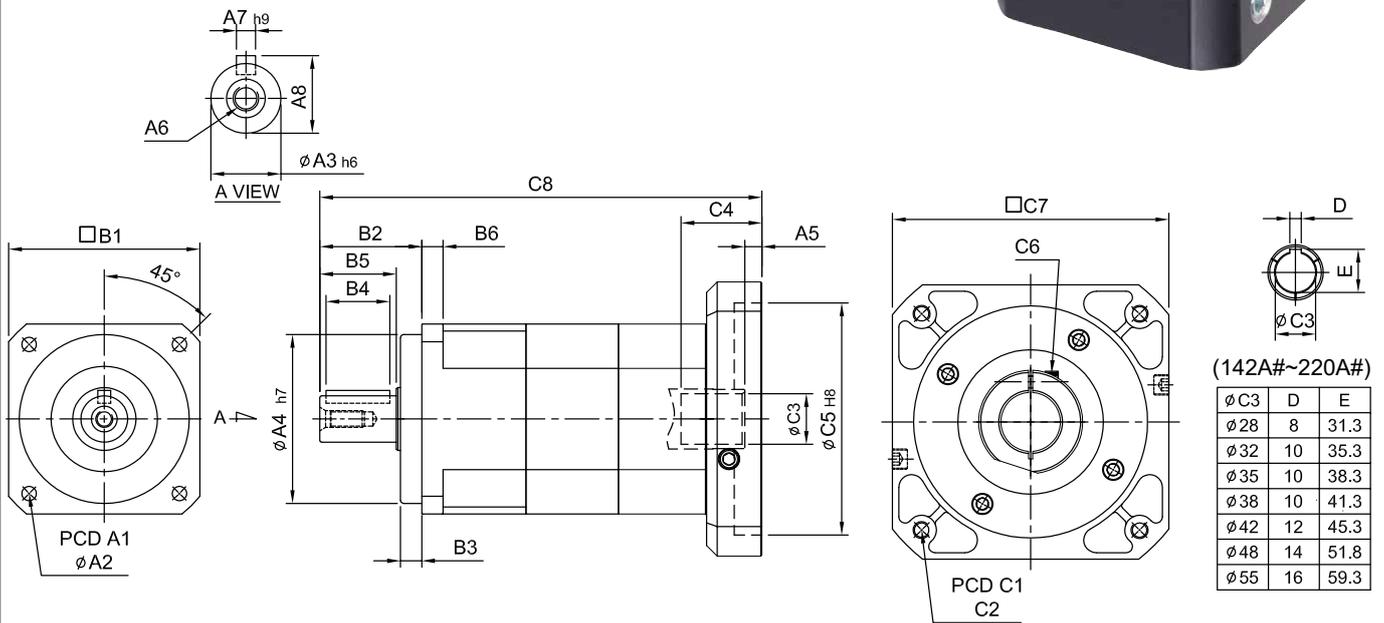


## MODEL : PB-A

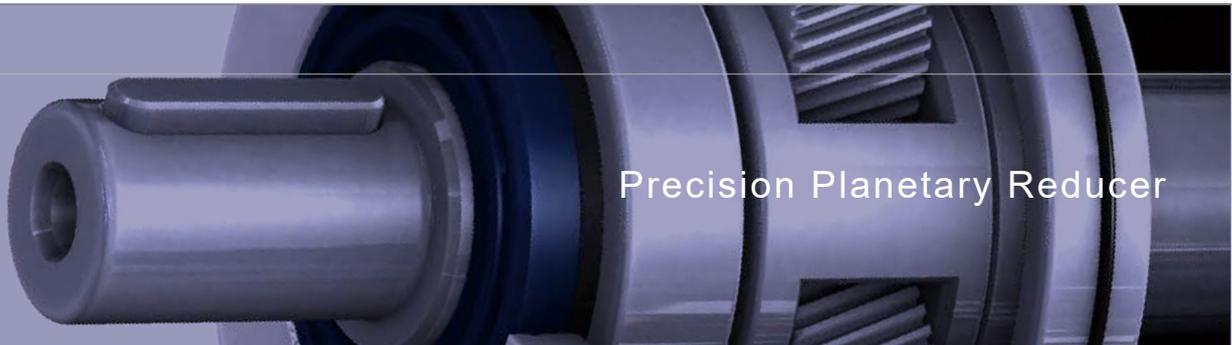
雙段 2-Stage

RATIO : 15, 20, 25, 30, 35, 40, 50, 60, 70, 80, 90, 100



unit: mm

Model Code	44A	62A	90A	120A	142A	180A	220A	
<b>A</b>	A1	50	70	100	130	165	215	
	A2	4.5	5.5	6.8	9	11	13	
	A3	13	16	22	32	40	55	
	A4	35	50	80	110	130	160	
	A5	5	6	9·23.5	10·20	10	11.5·13.5	12.5·14.5
	A6	M4 × P0.7	M5 × P0.8	M8 × P1.25	M10 × P1.5	M12 × P1.75	M14 × P2.0	M16 × P2.0
	A7	5	5	6	10	12	16	20
	A8	15	18	24.5	35	43	59	79.5
<b>B</b>	B1	44	62	90	120	142	180	
	B2	26	36	48	65	92	106	
	B3	5	7	10	12	15	20	
	B4	15	20	30	40	65	70	
	B5	20	28	36	50	74	82	
	B6	5	8	10	12	15	16	
<b>C</b>	C1	46·60·63	70·75·90	90·100·115·145	115·145·165	145·165·215	200·215·265	200·265·300
	C2	M3·M4·M5	M4·M5·M6	M5·M6·M8	M6·M8·M10	M8·M10·M12	M10·M12	M12·M16
	C3	8·9·11	11·14·16·19	16·19·22·24	22·24·28·32	28·32·35·38	35·38·42·48·55	38·42·48·55
	C4	26	33.5·41.5	59·73.5	67·77	84.5	114.5·116.5	117.5·119.5
	C5	30·40·50	50·60·70	70·80·95·110	95·110·130	110·130·180	114.3·180·230	114.3·230·250
	C6	M4 × P0.7	M5 × P0.8	M6 × P1.0	M8 × P1.25	M10 × P1.5	M10 × P1.5	M10 × P1.5
	C7	46·55	64·70·80	92·110·130	122·130·150	146·150·190	182·200·250	222·250·265
	C8	121	148.8·156.8	208·222.5	261·271	327	404.5·406.5	460.5·462.5



規格 Parameter	代號	單位 Unit	速比 Ratio	44A	62A	90A	120A	142A	180A	220A
額定輸出扭矩 Rated Output Torque (Nominal output torque)	$T_{2N}$	Nm	15	17	54	145	301	553	1,067	1,786
			20	15	48	128	269	491	940	1,587
			25	14	45	132	278	510	1,050	1,770
			30	13	41	125	252	466	985	1,680
			35	13	41	123	258	473	975	1,645
			40	12	39	115	241	442	942	1,605
			50	14	45	132	278	510	1,050	1,770
			60	13	41	125	252	466	985	1,680
			70	13	41	123	258	473	975	1,645
			80	12	40	115	241	442	942	1,605
90	11	40	120	227	412	875	1,490			
100	12	40	116	246	452	930	1,565			
最大加速扭矩 Max. Acceleration Torque	$T_{2B}$	Nm	15 ~ 100	1.8 倍額定輸出扭矩 1.8 Times of Rated Output Torque						
最大輸出扭矩 Max. Output Torque 急停扭矩 Emergency Stop Torque	$T_{2NOT}$	Nm	15 ~ 100	3 倍額定輸出扭矩 3 Times of Rated Output Torque						
額定輸入轉速 Rated Input Speed	$n_{IN}$	rpm	15 ~ 100	3,000	3,000	3,000	3,000	3,000	3,000	3,000
最大輸入轉速 Max. Input Speed	$n_{IB}$	rpm	15 ~ 100	6,000	6,000	6,000	5,000	5,000	4,000	4,000
背隙 Backlash		arcmin	15 ~ 100	≤ 10	≤ 10	≤ 10	≤ 10	≤ 10	≤ 10	≤ 10
扭轉剛性 Torsional Rigidity		Nm/arcmin	15 ~ 100	3	6	14	27	60	140	240
容許徑向力 Max. Radial Force	$F_{2rB}$	N	15 ~ 100	360	1,120	3,040	6,460	8,830	14,820	48,450
容許軸向力 Max. Axial Force	$F_{2aB}$	N	15 ~ 100	180	560	1,520	3,230	4,410	7,410	24,225
使用壽命 Service Life	$L_H$	hr	15 ~ 100	S5 周期運轉 : >30,000 (S1 連續運轉 : >15,000 hrs) S5 Cycle Operation: >30,000 (S1 Continuous Operation: >15,000 hrs)						
效率 Efficiency	$\eta$	%	15 ~ 100	≥ 94%						
使用溫度 Operating Temperature		°C	15 ~ 100	-25° C ~ +90° C						
潤滑 Lubrication			15 ~ 100	全合成潤滑油脂 Synthetic Grease						
防護等級 Protection Class			15 ~ 100	IP65						
安裝方向 Mounting Position			15 ~ 100	任意方向 Any						
噪音值 Noise Level		dB	15 ~ 100	≤ 56	≤ 58	≤ 60	≤ 63	≤ 65	≤ 67	≤ 70
重量 Weight ±3%		Kg	15 ~ 100	0.86	2	5.48	10	21.4	42	59

■ 轉動慣量 Mass Moments of Inertia (kg.cm<sup>2</sup>)

Ratio	44A	62A	90A	120A	142A	180A	220A
15	0.03	0.14	0.46	2.63	7.30	22.79	56.98
20	0.03	0.14	0.46	2.63	7.30	22.79	56.98
25	0.03	0.14	0.46	2.63	7.10	22.79	56.98
30	0.03	0.14	0.46	2.43	7.10	22.59	56.48
35	0.03	0.14	0.44	2.43	7.10	22.59	56.48
40	0.03	0.14	0.44	2.43	6.92	22.59	56.48
50	0.03	0.14	0.44	2.43	6.92	22.59	56.48
60	0.03	0.14	0.43	2.39	6.72	21.83	54.58
70	0.03	0.14	0.43	2.39	6.72	21.83	54.58
80	0.03	0.14	0.43	2.39	6.72	21.83	54.58
90	0.03	0.14	0.40	2.39	6.72	21.60	54.00
100	0.03	0.14	0.43	2.39	6.72	21.83	54.58