



# PIVEXIN TECHNOLOGY

Precyzyjne przekładnie planetarne



Seria SEL-A



LI MING MACHINERY CO., LTD.

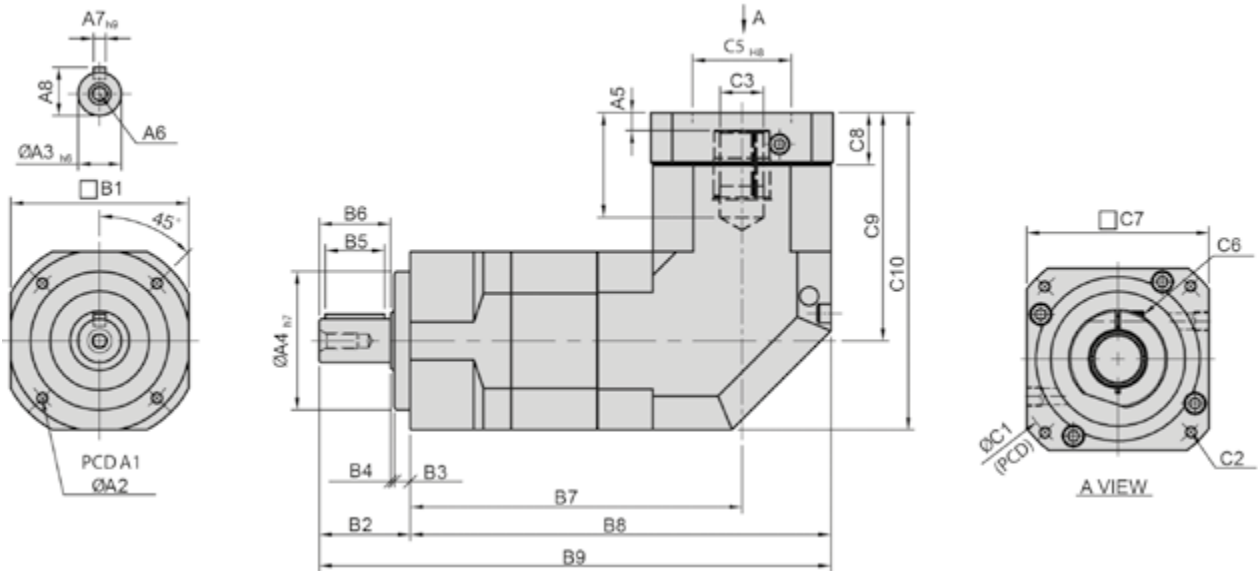


[www.pivexin-tech.pl](http://www.pivexin-tech.pl)

**MODEL : SEL-A**

2- Stage / Dwustopniowa

RATIO / PRZEŁOŻENIE : 15.20.25.30.35.40.50.60.70.80.  
90.100.120.140.160.180.200



unit/jednostka miary:mm

Code	Model	44A	62A	90A	120A	142A	180A	220A
<b>A</b>	A1	44	62	82	110	140	184	218
	A2	M4 x P0.7	M5 x P0.8	M6 x P1.0	M8 x P1.25	M10 x P1.5	M12 x P1.75	M16 x P2.0
	A3	13	16	22	32	40	55	75
	A4	35	50	70	90	120	160	180
	A5	6	6	9\23.5	10\20	10	12.5	12.5
	A6	M4 x P0.7	M5 x P0.8	M8 x P1.25	M10 x P1.5	M12 x P1.75	M14 x P2.0	M16 x 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	220
	B2	26	36	46	65	92	106	139
	B3	5	7	8	12	15	20	30
	B4	1	1	2	3	3	4	5
	B5	15	20	30	40	65	70	90
	B6	20	28	36	50	74	82	104
	B7	102	118.3	167.6	204	232	304.6	324.6
	B8	124	149.3	212.6	264	303	394.6	434.6
	B9	150	185.3	258.6	329	395	500.6	573.6
<b>C</b>	C1	46\60\63	70\75\90	90\100\115\145	115\145\165	145\165\200	200\215\265	200\265\300
	C2	M3\M4\M5	M4\M5\M6	M5\M6\M8	M6\M8\M10	M8\M10\M12	M10\M12\M16	M12\M16
	C3	8\9\11	14\19	19\22\24	24\28\32	28\32\35	38\42\48\55	42\48\55
	C4	27	33.5\41.5	53\67.5	67\77	85	117	117
	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	M3 x P0.5	M5 x P0.8	M6 x P1.0	M8 x P1.25	M10 x P1.5	M10 x P1.5	M10 x P1.5
	C7	46\55	64\70\80	92\110\130	122\130\150	146\150\190	182\200\250	220\250\265
	C8	16	21.5	26.5\41	35.5\45.5	35.5	45.5	45.5
	C9	61	77	115.3\129.8	141\151	174	235	235
	C10	83	108	160.3\174.8	201\211	245	325	345



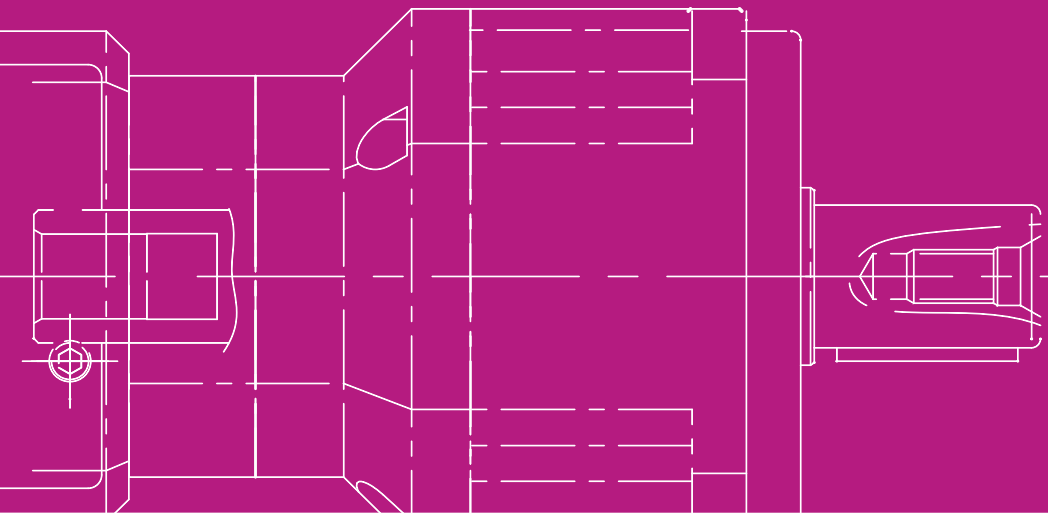
## High Precision Planetary Reducer

Model No.		Unit Jednostka miary	Ratio Przełożenie	44A	62A	90A	120A	142A	180A	220A
Rated Output Torque Nominalny moment obrotowy	$T_{2N}$	Nm	15	19	59	165	335	625	1,206	2,030
			20	16	51	146	300	555	1,069	1,804
			25	16	48	160	333	618	1,189	2,010
			30	15	45	151	311	583	1,118	1,911
			35	15	45	149	309	573	1,108	1,870
			40	14	43	143	298	553	1,070	1,824
			50	16	48	160	333	618	1,189	2,010
			60	15	45	151	311	583	1,118	1,911
			70	15	45	149	309	573	1,108	1,870
			80	14	43	143	298	553	1,070	1,824
			90	13	44	145	278	516	993	1,694
			100	14	43	141	294	549	1,059	1,779
			120	15	45	151	311	583	1,118	1,911
			140	15	45	149	309	573	1,108	1,870
			160	14	43	143	298	553	1,070	1,824
			180	13	44	145	278	516	993	1,694
200	14	43	141	294	549	1,059	1,779			
Max. Acceleration Torque Maksymalny moment przyspieszeniowy	$T_{2B}$	Nm	15-200	1.8 Times of Rated Output Torque / 1.8 x wartość momentu nominalnego						
Max. Output Torque Maksymalny moment obrotowy	$T_{2NOT}$	Nm	15-200	3 Times of Rated Output Torque / Trzykrotność momentu nominalnego						
Rated Input Speed Nominalna prędkość wejściowa	$n_{IN}$	rpm (obr/min)	15-200	3,000	3,000	3,000	3,000	3,000	3,000	2,000
Max. Input Speed Maksymalna prędkość wejściowa	$n_{IB}$	rpm (obr/min)	15-200	6,000	6,000	6,000	5,000	5,000	4,000	3,000
Backlash Ps / Luz kątowy Ps		arcmin	15-200	—	—	≤ 4	≤ 4	≤ 4	≤ 4	≤ 4
Backlash P0 / Luz kątowy P0		arcmin	15-200	≤ 7	≤ 7	≤ 7	≤ 7	≤ 7	≤ 7	≤ 7
Backlash P1 / Luz kątowy P1		arcmin	15-200	≤ 9	≤ 9	≤ 9	≤ 9	≤ 9	≤ 9	≤ 9
Backlash P2 / Luz kątowy P2		arcmin	15-200	≤ 12	≤ 12	≤ 12	≤ 12	≤ 12	≤ 12	≤ 12
Torsional Rigidity Szttywność na skręcanie		Nm/arcmin	15-200	3	6	14	27	60	140	240
Max. Radial Force Maksymalne obciążenie promieniowe	$F_{2rB}$	N	15-200	380	1,180	3,200	6,800	9,300	15,600	51,000
Max. Axial Force Maksymalne obciążenie osiowe	$F_{2aB}$	N	15-200	190	590	1,600	3,400	4,650	7,800	25,500
Service Life / Trwałość	$L_H$	hr	15-200	S5 Cycle Operation: >30,000 (S1 Continuous Operation: >15,000 hrs) S5 Praca cykliczna: >30,000 (S1 Praca ciągła: >15,000 godzin)						
$\eta$ Efficiency / $\eta$ Sprawność	$\eta$	%	15-200	≥ 92						
Operating Temperature Zakres temperatury pracy		°C	15-200	-25 °C ~ +90 °C						
Lubrication / Smarowanie			15-200	Synthetic Grease / Smar syntetyczny						
Protection Class / Stopień ochrony			15-200	IP65						
Mounting Position / Pozycja pracy			15-200	Any / Dowolna						
Noise Level / Głośność		dB	15-200	≤ 65	≤ 68	≤ 70	≤ 72	≤ 74	≤ 76	≤ 78
Weight / Masa ±3%		kg	15-200							

■ Mass Moments of Inertia (kg · cm<sup>2</sup>) / Momenty bezwładności (kg · cm<sup>2</sup>)

Ratio / Przełożenie	44A	62A	90A	120A	142A	180A	220A
15	0.09	0.36	2.28	6.85	23.45	55.20	80.20
20	0.09	0.36	6.28	6.85	23.45	55.20	80.20
25	0.09	0.36	2.28	6.85	23.45	50.40	76.50
30	0.09	0.36	2.28	6.85	23.50	50.40	76.50
35	0.09	0.36	2.28	6.85	23.50	50.40	76.50
40	0.09	0.36	2.28	6.85	23.50	50.40	76.50
50	0.09	0.36	2.28	6.85	23.50	50.40	76.50
60	0.09	0.36	2.28	6.85	23.50	50.40	76.50
70	0.09	0.36	2.28	6.85	23.50	50.40	76.50
80	0.09	0.36	2.28	6.85	23.50	50.40	76.50
90	0.09	0.36	2.28	6.85	23.50	50.40	76.50
100	0.09	0.36	2.28	6.85	23.50	50.40	76.50
120	0.03	0.08	1.88	6.20	21.80	48.70	74.20
140	0.03	0.08	1.88	6.20	21.80	48.70	74.20
160	0.03	0.08	1.88	6.20	21.80	48.70	74.20
180	0.03	0.08	1.88	6.20	21.80	48.70	74.20
200	0.03	0.08	1.88	6.20	21.80	48.70	74.20





High Accuracy & Efficiency Profit



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