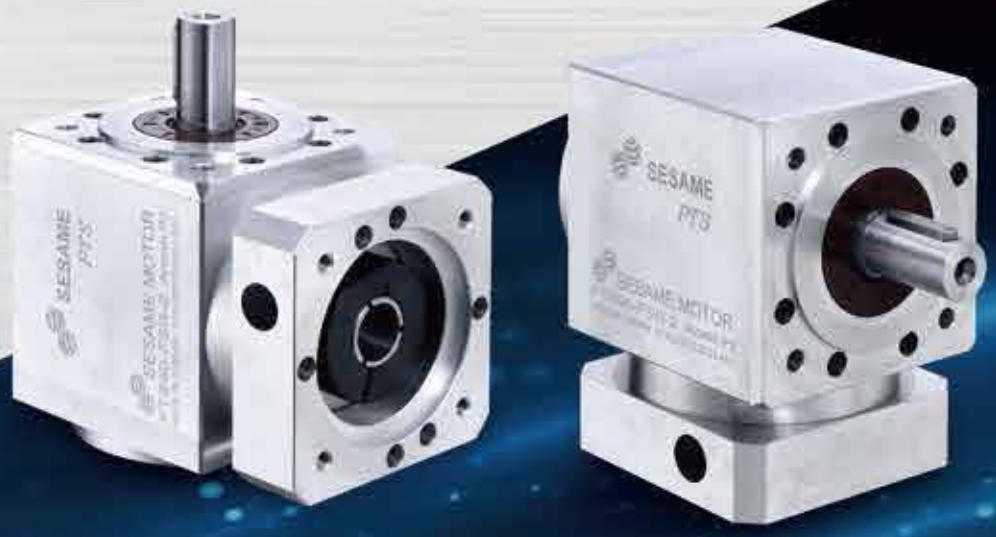
www.sesamemotor.com

SESAME

Spiral Bevel Gearbox

PT series

螺旋傘齒輪減速機

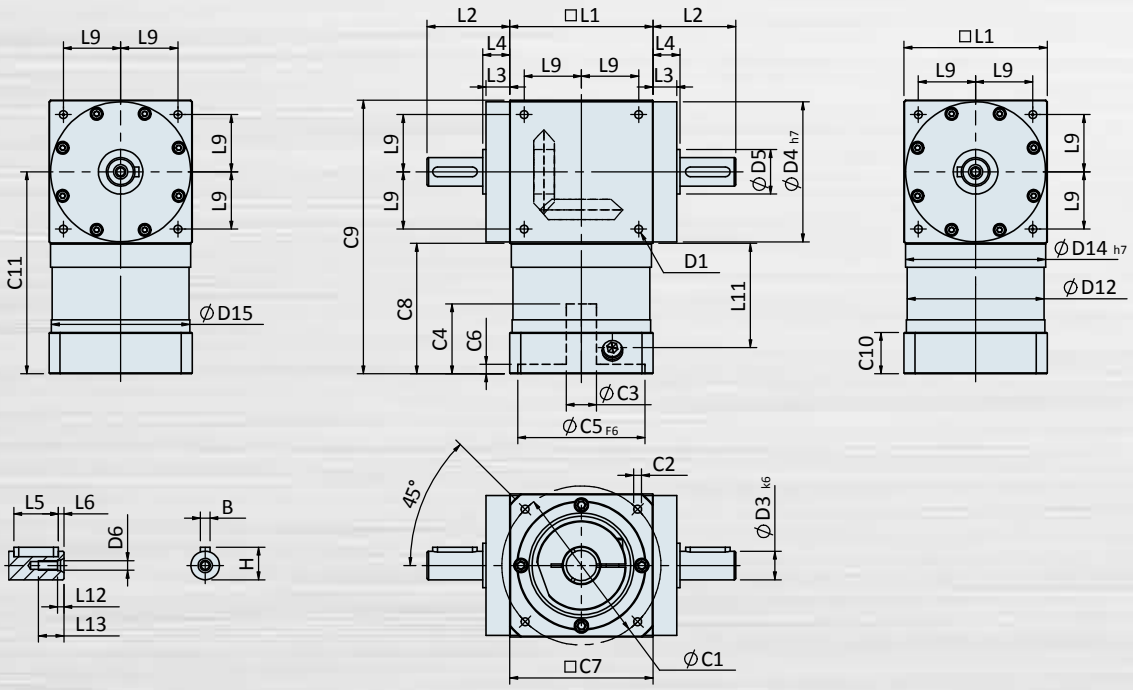


PT SERIES

RoHS SESAME MOTOR CORP.

ISO 9001 ISO 14001

PT-FS Single Stage Dims. 單段外型尺寸圖



Specifications 規格

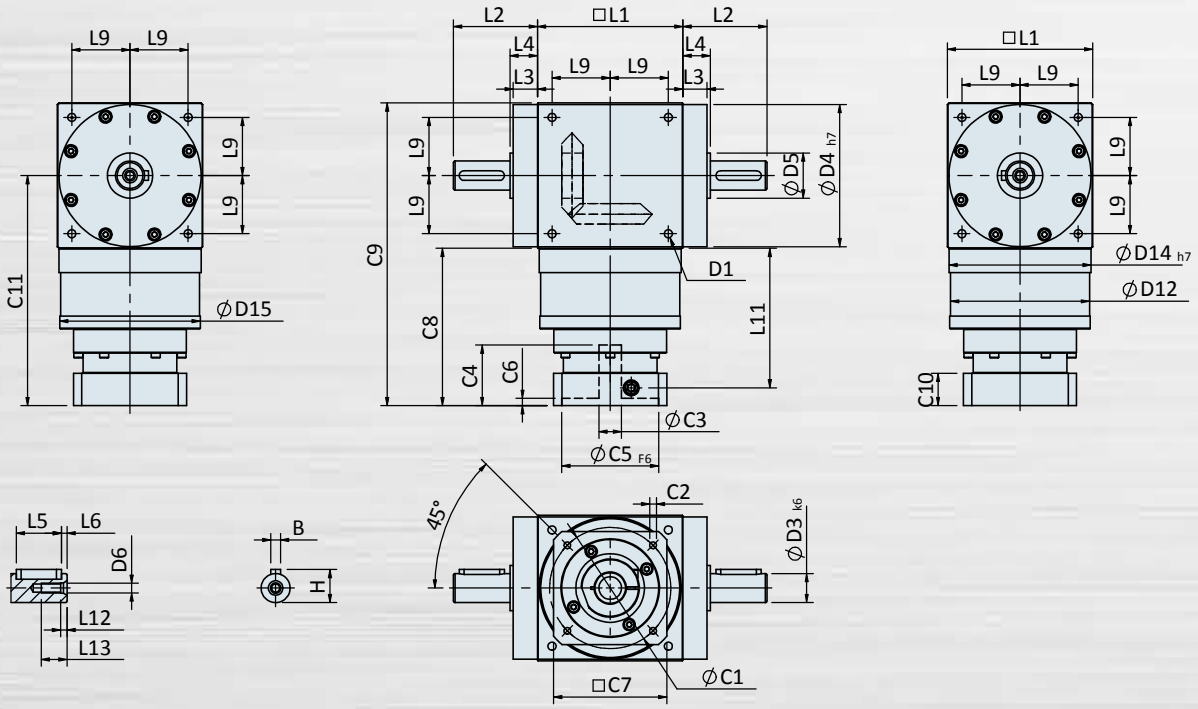
Unit: mm

Dims. 尺寸	PT60-FS	PT75-FS	PT90-FS	PT110-FS	PT140-FS	PT170-FS	PT210-FS
D1	24-M4x0.7P	-	24-M6x1.0P	24-M8x1.25P	24-M10x1.5P	24-M12x1.75P	-
D2	-	-	-	-	-	-	-
D3k6	13	-	18	22	32	40	-
D4h7	60	-	88	108	135	165	-
D5	21	-	28	33	47	55	-
D6	M4x0.7P	-	M6x1.0P	M8x1.25P	M12x1.75P	M16x2.0P	-
D7	-	-	-	-	-	-	-
D12	60	-	86	106	104	128	-
D14h7	60.2	-	88	108	135	165	-
D15	41.8	-	87	107	103	127	-
L1	60.8	-	90	110	140	170	-
L2	31.5	-	52	57	67	77	-
L3	10	-	15	15	15	15	-
L4	12	-	17	17	17	17	-
L5	16	-	28	32	45	50	-
L6	2	-	3.5	4	2.5	5	-
L7	-	-	-	-	-	-	-
L9	24.75	-	36	44	55	67	-
L10	-	-	-	-	-	-	-
L11	38.2	-	65.5	77	86.4	94.1	-
L12	4	-	4	4.5	6	6	-
L13	12	-	16	20.5	30	36	-
C1[1]	46	-	100	100	130	165	-
C2[1]	M4x0.7P	-	M6x1.0P	M6x1.0P	M8x1.25P	M10x1.5P	-
C3[1]	≦11/≦14/≦19	-	≦19/≦24	≦24	≦32	≦38	-
C4[1]	33	-	44	47	55.1	67	-
C5[1]	30	-	80	80	110	130	-
C6[1] F6	4	-	6	5	5	6	-
C7[1]	42.6	-	90	90	115	140	-
C8[1]	47.2	-	82	93	106	118	-
C9[1]	108	-	172	203	246	288	-
C10[1]	18.5	-	26	23	27	35	-
C11[1]	77.6	-	127	148	176	203	-
B	5	-	6	6	10	12	-
H	15	-	20.5	24.5	35	43	-

*1. C1~C11 are motor specific dimensions (metric std shown), sizse may vary according to motor flange. C1~C11是公製標準馬達連接板尺寸，請依所選用的馬達決定。

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PT-FS Double Stage Dims. 雙段外型尺寸圖



Specifications 規格

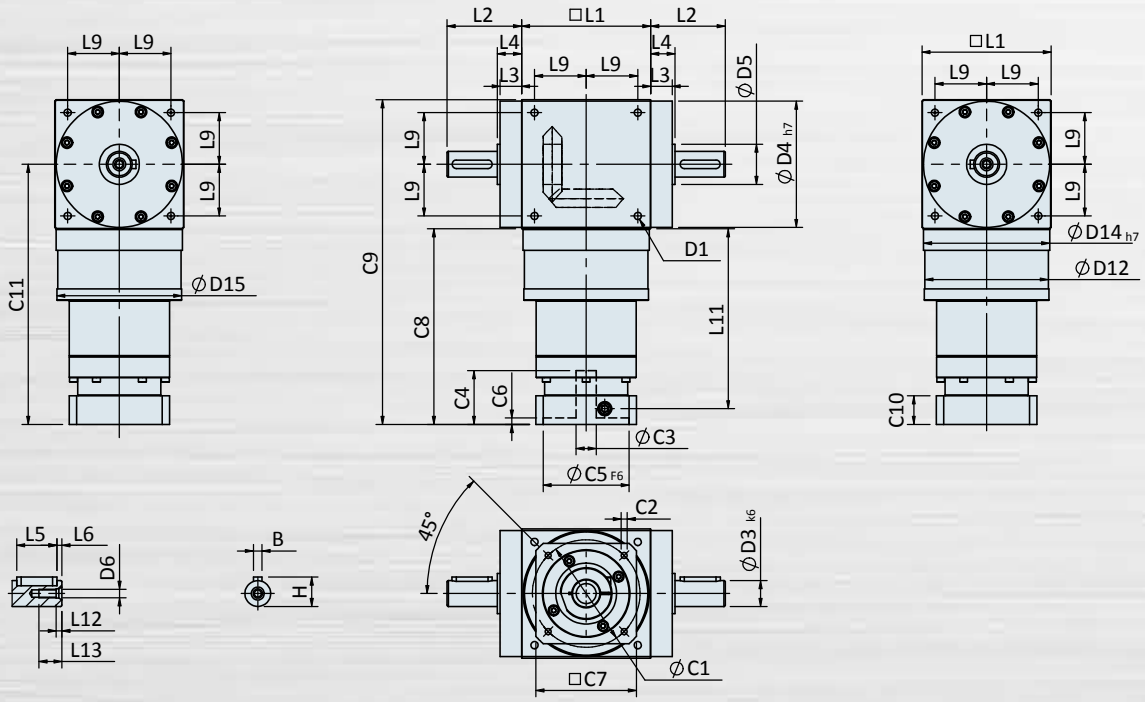
Unit: mm

Dims. 尺寸	PT60-FS	PT75-FS	PT90-FS	PT110-FS	PT140-FS	PT170-FS	PT210-FS
D1	24-M4x0.7P	-	24-M6x1.0P	24-M8x1.25P	24-M10x1.5P	24-M12x1.75P	-
D2	-	-	-	-	-	-	-
D3k6	13	-	18	22	32	40	-
D4h7	60	-	88	108	135	165	-
D5	21	-	28	33	47	55	-
D6	M4x0.7P	-	M6x1.0P	M8x1.25P	M12x1.75P	M16x2.0P	-
D7	-	-	-	-	-	-	-
D12	59.8	-	86	106	104	128	-
D14h7	60.2	-	88	108	135	165	-
D15	60	-	87	107	103	127	-
L1	60.8	-	90	110	140	170	-
L2	31.5	-	52	57	67	77	-
L3	10	-	15	15	15	15	-
L4	12	-	17	17	17	17	-
L5	16	-	28	32	45	50	-
L6	2	-	3.5	4	2.5	5	-
L7	-	-	-	-	-	-	-
L9	24.75	-	36	44	55	67	-
L10	-	-	-	-	-	-	-
L11	63.7	-	86.4	104.8	120.8	114.8	-
L12	4	-	4	4.5	6	6	-
L13	12	-	16	20.5	30	36	-
C1[1]	46	-	70	90	90	90	-
C2[1]	M4x0.7P	-	M5x0.8P	M6x1.0P	M6x1.0P	M6x1.0P	-
C3[1]	≦8/≦11	-	≦14/≦19	≦24	≦24	≦24	-
C4[1]	28.6	-	37.5	48.2	48.2	48.2	-
C5[1] F6	30	-	50	70	70	70	-
C6[1]	4.1	-	4.5	6	6	6	-
C7[1]	42	-	60	90	90	90	-
C8[1]	73.3	-	97.4	119.5	135.5	129.5	-
C9[1]	134.1	-	187.4	229.5	275.5	299.5	-
C10[1]	17	-	20	26	26	26	-
C11[1]	103.7	-	142.4	174.5	205.5	214.5	-
B	5	-	6	6	10	12	-
H	15	-	20.5	24.5	35	43	-

*1. C1~C11 are motor specific dimensions (metric std shown), sizse may vary according to motor flange. C1~C11是公製標準馬達連接板尺寸，請依所選用的馬達決定。

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PT-FS Triple Stage Dims. 三段外型尺寸圖



Specifications 規格

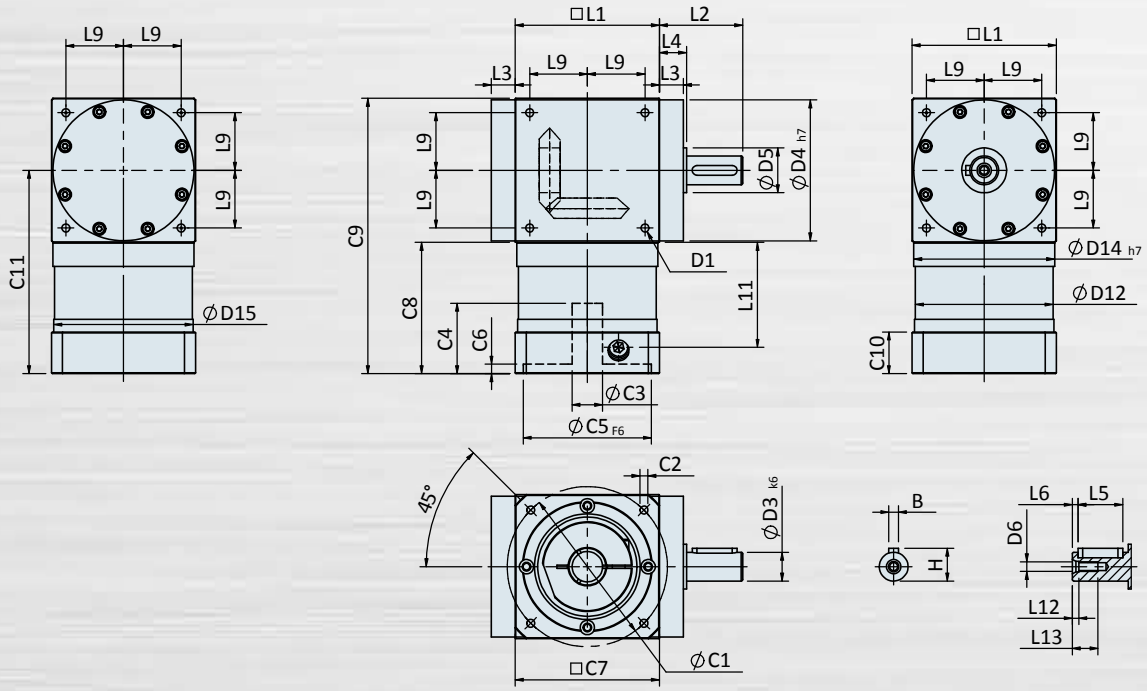
Unit: mm

Dims. 尺寸	PT60-FS	PT75-FS	PT90-FS	PT110-FS	PT140-FS	PT170-FS	PT210-FS
D1	-	-	24-M6x1.0P	24-M8x1.25P	24-M10x1.5P	24-M12x1.75P	-
D2	-	-	-	-	-	-	-
D3k6	-	-	18	22	32	40	-
D4h7	-	-	88	108	135	165	-
D5	-	-	28	33	47	55	-
D6	-	-	M6x1.0P	M8x1.25P	M12x1.75P	M16x2.0P	-
D7	-	-	-	-	-	-	-
D12	-	-	86	106	104	128	-
D14h7	-	-	88	108	135	165	-
D15	-	-	87	107	103	127	-
L1	-	-	90	110	140	170	-
L2	-	-	52	57	67	77	-
L3	-	-	15	15	15	15	-
L4	-	-	17	17	17	17	-
L5	-	-	28	32	45	50	-
L6	-	-	3.5	4	2.5	5	-
L7	-	-	-	-	-	-	-
L9	-	-	36	44	55	67	-
L10	-	-	-	-	-	-	-
L11	-	-	86.4	149.8	165.8	159.8	-
L12	-	-	4	4.5	6	6	-
L13	-	-	16	20.5	30	36	-
C1[1]	-	-	70	90	90	90	-
C2[1]	-	-	M5x0.8P	M6x1.0P	M6x1.0P	M6x1.0P	-
C3[1]	-	-	≦14/≦19	≦24	≦24	≦24	-
C4[1]	-	-	37.5	48.2	48.2	48.2	-
C5[1] F6	-	-	50	70	70	70	-
C6[1]	-	-	4.5	6	6	6	-
C7[1]	-	-	60	90	90	90	-
C8[1]	-	-	97.4	164.5	180.5	174.5	-
C9[1]	-	-	187.4	274.5	320.5	344.5	-
C10[1]	-	-	20	26	26	26	-
C11[1]	-	-	142.4	219.5	250.5	259.5	-
B	-	-	6	6	10	12	-
H	-	-	20.5	24.5	35	43	-

*1. C1~C11 are motor specific dimensions (metric std shown), sizse may vary according to motor flange. C1~C11是公製標準馬達連接板尺寸，請依所選用的馬達決定。

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PT-FSR Single Stage Dims. 單段外型尺寸圖



Specifications 規格

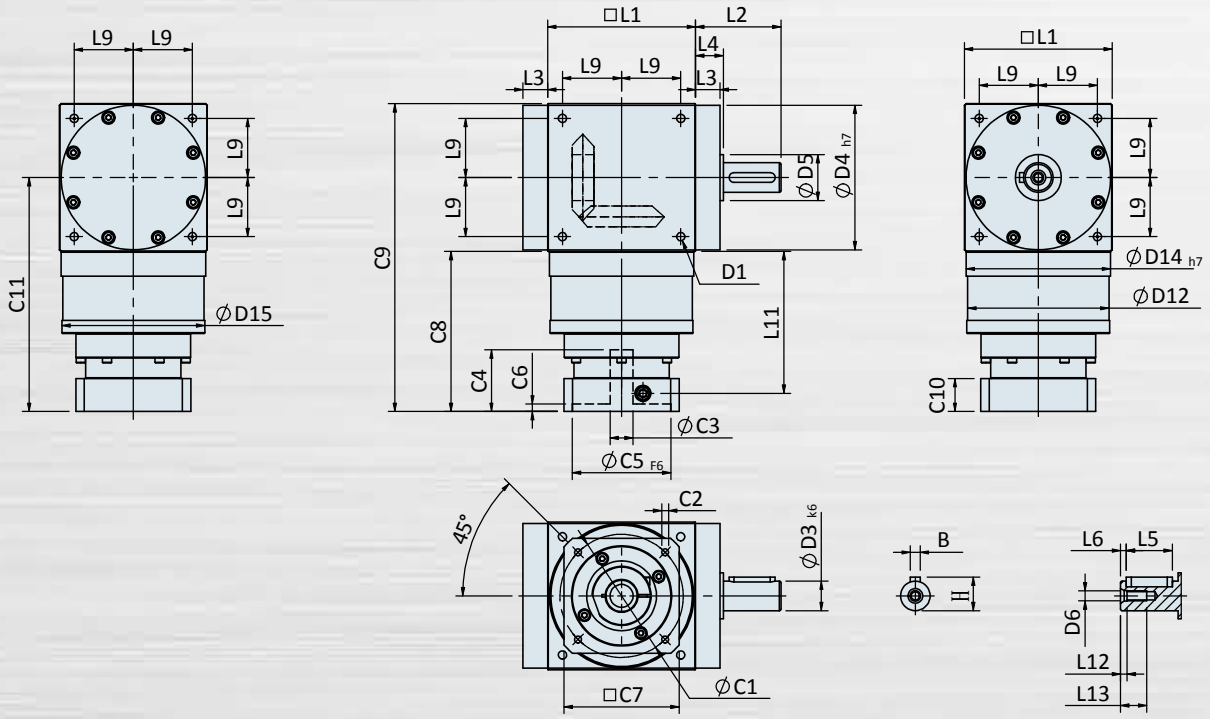
Unit: mm

Dims. 尺寸	PT60-FSR	PT75-FSR	PT90-FSR	PT110-FSR	PT140-FSR	PT170-FSR	PT210-FSR
D1	24-M4x0.7P	-	24-M6x1.0P	24-M8x1.25P	24-M10x1.5P	24-M12x1.75P	-
D2	-	-	-	-	-	-	-
D3k6	13	-	18	22	32	40	-
D4h7	60	-	88	108	135	165	-
D5	21	-	28	33	47	55	-
D6	M4x0.7P	-	M6x1.0P	M8x1.25P	M12x1.75P	M16x2.0P	-
D7	-	-	-	-	-	-	-
D12	60	-	86	106	104	128	-
D14h7	60.2	-	88	108	135	165	-
D15	41.8	-	87	107	103	127	-
L1	60.8	-	90	110	140	170	-
L2	31.5	-	52	57	67	77	-
L3	10	-	15	15	15	15	-
L4	12	-	17	17	17	17	-
L5	16	-	28	32	45	50	-
L6	2	-	3.5	4	2.5	5	-
L7	-	-	-	-	-	-	-
L9	24.75	-	36	44	55	67	-
L10	-	-	-	-	-	-	-
L11	38.2	-	65.5	77	86.4	94.1	-
L12	4	-	4	4.5	6	6	-
L13	12	-	16	20.5	30	36	-
C1[1]	46	-	100	100	130	165	-
C2[1]	M4x0.7P	-	M6x1.0P	M6x1.0P	M8x1.25P	M10x1.5P	-
C3[1]	≦11/≦14/≦19	-	≦19/≦24	≦24	≦32	≦38	-
C4[1]	33	-	44	47	55.1	67	-
C5[1] F6	30	-	80	80	110	130	-
C6[1]	4	-	6	5	5	6	-
C7[1]	42.6	-	90	90	115	140	-
C8[1]	47.2	-	82	93	106	118	-
C9[1]	108	-	172	203	246	288	-
C10[1]	18.5	-	26	23	27	35	-
C11[1]	77.6	-	127	148	176	203	-
B	5	-	6	6	10	12	-
H	15	-	20.5	24.5	35	43	-

*1. C1~C11 are motor specific dimensions (metric std shown), sizse may vary according to motor flange. C1~C11是公製標準馬達連接板尺寸，請依所選用的馬達決定。

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PT-FSR Double Stage Dims. 雙段外型尺寸圖



Specifications 規格

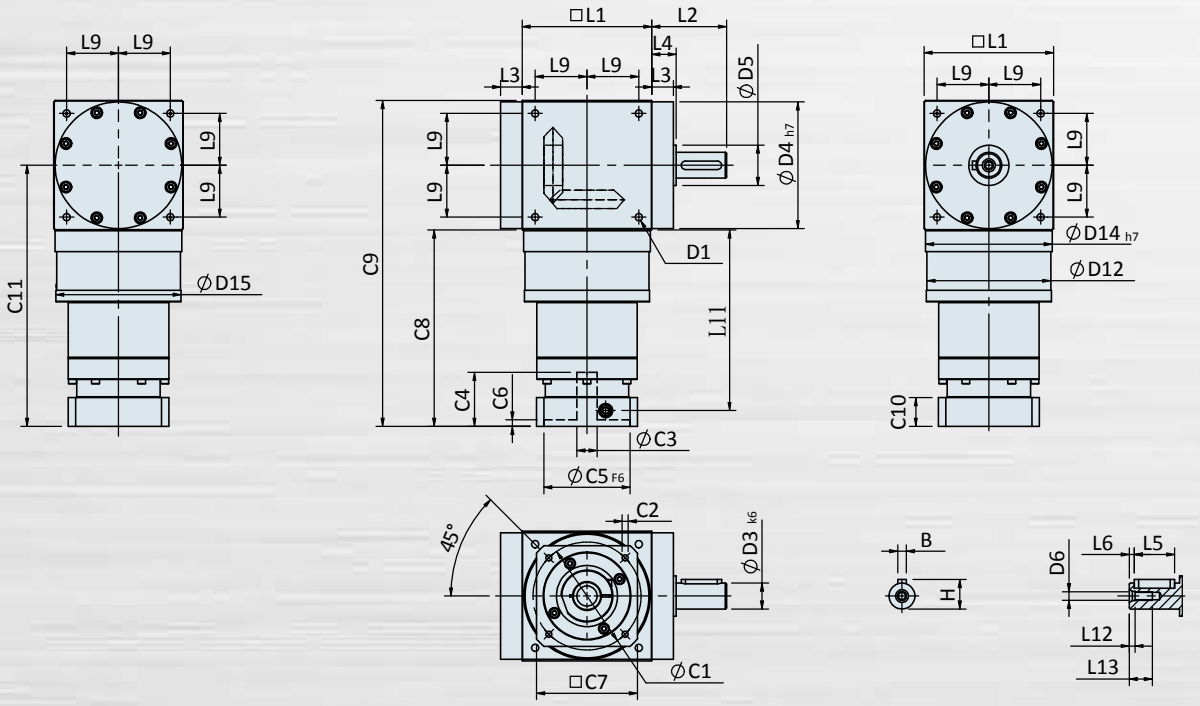
Unit: mm

Dims. 尺寸	PT60-FSR	PT75-FSR	PT90-FSR	PT110-FSR	PT140-FSR	PT170-FSR	PT210-FSR
D1	24-M4x0.7P	-	24-M6x1.0P	24-M8x1.25P	24-M10x1.5P	24-M12x1.75P	-
D2	-	-	-	-	-	-	-
D3k6	13	-	18	22	32	40	-
D4h7	60	-	88	108	135	165	-
D5	21	-	28	33	47	55	-
D6	M4x0.7P	-	M6x1.0P	M8x1.25P	M12x1.75P	M16x2.0P	-
D7	-	-	-	-	-	-	-
D12	59.8	-	86	106	104	128	-
D14h7	60.2	-	88	108	135	165	-
D15	60	-	87	107	103	127	-
L1	60.8	-	90	110	140	170	-
L2	31.5	-	52	57	67	77	-
L3	10	-	15	15	15	15	-
L4	12	-	17	17	17	17	-
L5	16	-	28	32	45	50	-
L6	2	-	3.5	4	2.5	5	-
L7	-	-	-	-	-	-	-
L9	24.75	-	36	44	55	67	-
L10	-	-	-	-	-	-	-
L11	63.7	-	86.4	104.8	120.8	114.8	-
L12	4	-	4	4.5	6	6	-
L13	12	-	16	20.5	30	36	-
C1[1]	46	-	70	90	90	90	-
C2[1]	M4x0.7P	-	M5x0.8P	M6x1.0P	M6x1.0P	M6x1.0P	-
C3[1]	≦8/≦11	-	≦14/≦19	≦24	≦24	≦24	-
C4[1]	28.6	-	37.5	48.2	48.2	48.2	-
C5[1] F6	30	-	50	70	70	70	-
C6[1]	4.1	-	4.5	6	6	6	-
C7[1]	42	-	60	90	90	90	-
C8[1]	73.3	-	97.4	119.5	135.5	129.5	-
C9[1]	134.1	-	187.4	229.5	275.5	299.5	-
C10[1]	17	-	20	26	26	26	-
C11[1]	103.7	-	142.4	174.5	205.5	214.5	-
B	5	-	6	6	10	12	-
H	15	-	20.5	24.5	35	43	-

*1. C1~C11 are motor specific dimensions (metric std shown), sizse may vary according to motor flange. C1~C11是公製標準馬達連接板尺寸，請依所選用的馬達決定。

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PT-FSR Triple Stage Dims. 三段外型尺寸圖



Specifications 規格

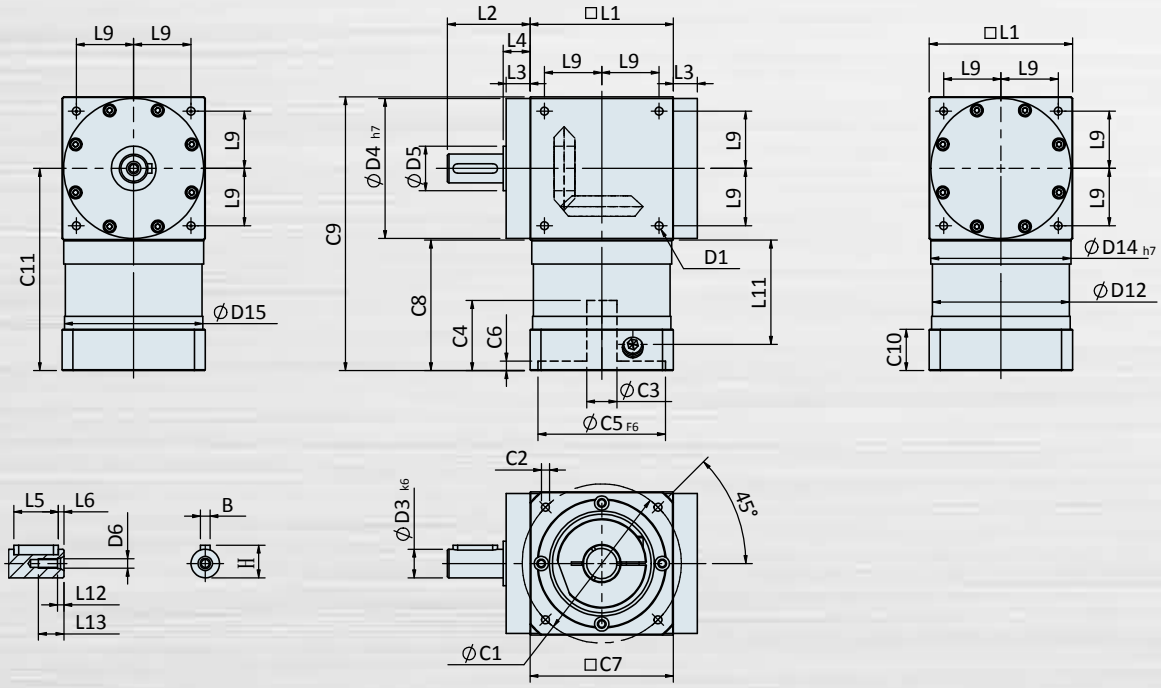
Unit: mm

Dims. 尺寸	PT60-FSR	PT75-FSR	PT90-FSR	PT110-FSR	PT140-FSR	PT170-FSR	PT210-FSR
D1	-	-	-	24-M8x1.25P	24-M10x1.5P	24-M12x1.75P	-
D2	-	-	-	-	-	-	-
D3k6	-	-	-	22	32	40	-
D4h7	-	-	-	108	135	165	-
D5	-	-	-	33	47	55	-
D6	-	-	-	M8x1.25P	M12x1.75P	M16x2.0P	-
D7	-	-	-	-	-	-	-
D12	-	-	-	106	104	128	-
D14h7	-	-	-	108	135	165	-
D15	-	-	-	107	103	127	-
L1	-	-	-	110	140	170	-
L2	-	-	-	57	67	77	-
L3	-	-	-	15	15	15	-
L4	-	-	-	17	17	17	-
L5	-	-	-	32	45	50	-
L6	-	-	-	4	2.5	5	-
L7	-	-	-	-	-	-	-
L9	-	-	-	44	55	67	-
L10	-	-	-	-	-	-	-
L11	-	-	-	149.8	165.8	159.8	-
L12	-	-	-	4.5	6	6	-
L13	-	-	-	20.5	30	36	-
C1[1]	-	-	-	90	90	90	-
C2[1]	-	-	-	M6x1.0P	M6x1.0P	M6x1.0P	-
C3[1]	-	-	-	≦24	≦24	≦24	-
C4[1]	-	-	-	48.2	48.2	48.2	-
C5[1]	-	-	-	70	70	70	-
C6[1] F6	-	-	-	6	6	6	-
C7[1]	-	-	-	90	90	90	-
C8[1]	-	-	-	164.5	180.5	174.5	-
C9[1]	-	-	-	274.5	320.5	344.5	-
C10[1]	-	-	-	26	26	26	-
C11[1]	-	-	-	219.5	250.5	259.5	-
B	-	-	-	6	10	12	-
H	-	-	-	24.5	35	43	-

*1. C1~C11 are motor specific dimensions (metric std shown), sizse may vary according to motor flange. C1~C11是公製標準馬達連接板尺寸，請依所選用的馬達決定。

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PT-FSL Single Stage Dims. 單段外型尺寸圖



Specifications 規格

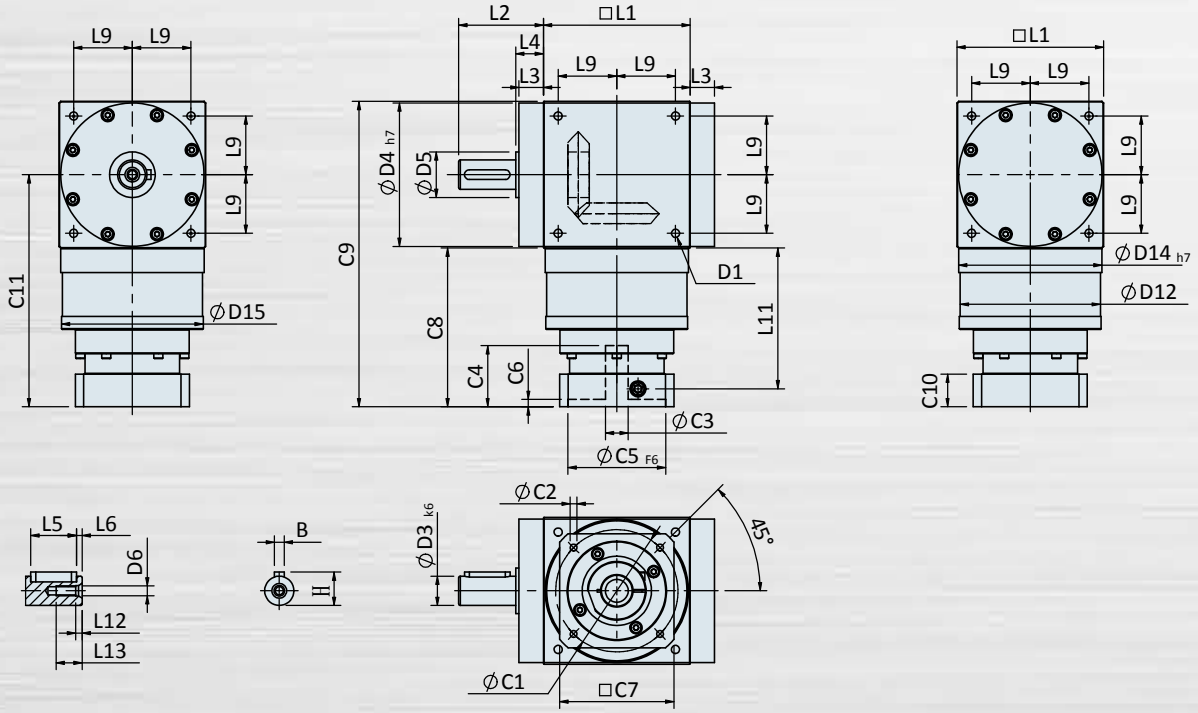
Unit: mm

Dims. 尺寸	PT60-FSL	PT75-FSL	PT90-FSL	PT110-FSL	PT140-FSL	PT170-FSL	PT210-FSL
D1	24-M4x0.7P	-	24-M6x1.0P	24-M8x1.25P	24-M10x1.5P	24-M12x1.75P	-
D2	-	-	-	-	-	-	-
D3k6	13	-	18	22	32	40	-
D4h7	60	-	88	108	135	165	-
D5	21	-	28	33	47	55	-
D6	M4x0.7P	-	M6x1.0P	M8x1.25P	M12x1.75P	M16x2.0P	-
D7	-	-	-	-	-	-	-
D12	60	-	86	106	104	128	-
D14h7	60.2	-	88	108	135	165	-
D15	41.8	-	87	107	103	127	-
L1	60.8	-	90	110	140	170	-
L2	31.5	-	52	57	67	77	-
L3	10	-	15	15	15	15	-
L4	12	-	17	17	17	17	-
L5	16	-	28	32	45	50	-
L6	2	-	3.5	4	2.5	5	-
L7	-	-	-	-	-	-	-
L9	24.75	-	36	44	55	67	-
L10	-	-	-	-	-	-	-
L11	38.2	-	65.5	77	86.4	94.1	-
L12	4	-	4	4.5	6	6	-
L13	12	-	16	20.5	30	36	-
C1[1]	46	-	100	100	130	165	-
C2[1]	M4x0.7P	-	M6x1.0P	M6x1.0P	M8x1.25P	M10x1.5P	-
C3[1]	≦11/≦14/≦19	-	≦19/≦24	≦24	≦32	≦38	-
C4[1]	33	-	44	47	55.1	67	-
C5[1] F6	30	-	80	80	110	130	-
C6[1]	4	-	6	5	5	6	-
C7[1]	42.6	-	90	90	115	140	-
C8[1]	47.2	-	82	93	106	118	-
C9[1]	108	-	172	203	246	288	-
C10[1]	18.5	-	26	23	27	35	-
C11[1]	77.6	-	127	148	176	203	-
B	5	-	6	6	10	12	-
H	15	-	20.5	24.5	35	43	-

*1. C1~C11 are motor specific dimensions (metric std shown), sizse may vary according to motor flange. C1~C11是公製標準馬達連接板尺寸，請依所選用的馬達決定。

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PT-FSL Double Stage Dims. 雙段外型尺寸圖



Specifications 規格

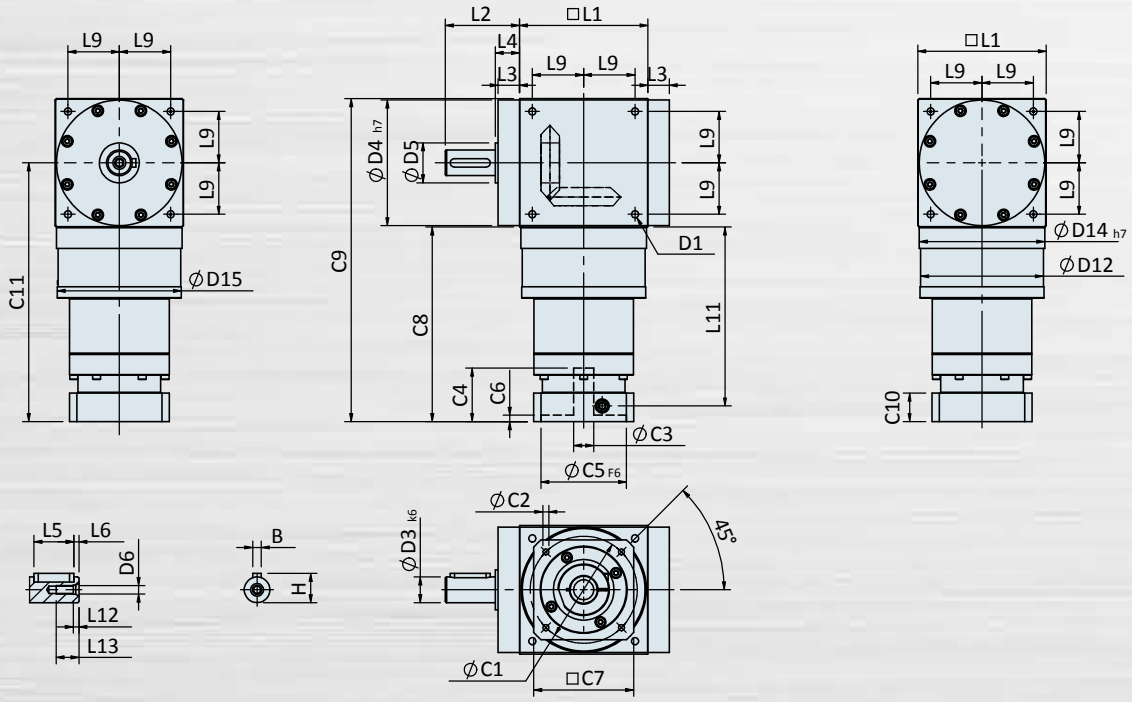
Unit: mm

Dims. 尺寸	PT60-FSL	PT75-FSL	PT90-FSL	PT110-FSL	PT140-FSL	PT170-FSL	PT210-FSL
D1	24-M4x0.7P	-	24-M6x1.0P	24-M8x1.25P	24-M10x1.5P	24-M12x1.75P	-
D2	-	-	-	-	-	-	-
D3k6	13	-	18	22	32	40	-
D4h7	60	-	88	108	135	165	-
D5	21	-	28	33	47	55	-
D6	M4x0.7P	-	M6x1.0P	M8x1.25P	M12x1.75P	M16x2.0P	-
D7	-	-	-	-	-	-	-
D12	59.8	-	86	106	104	128	-
D14h7	60.2	-	88	108	135	165	-
D15	60	-	87	107	103	127	-
L1	60.8	-	90	110	140	170	-
L2	31.5	-	52	57	67	77	-
L3	10	-	15	15	15	15	-
L4	12	-	17	17	17	17	-
L5	16	-	28	32	45	50	-
L6	2	-	3.5	4	2.5	5	-
L7	-	-	-	-	-	-	-
L9	24.75	-	36	44	55	67	-
L10	-	-	-	-	-	-	-
L11	63.7	-	86.4	104.8	120.8	114.8	-
L12	4	-	4	4.5	6	6	-
L13	12	-	16	20.5	30	36	-
C1[1]	46	-	70	90	90	90	-
C2[1]	M4x0.7P	-	M5x0.8P	M6x1.0P	M6x1.0P	M6x1.0P	-
C3[1]	≦8/≦11	-	≦14/≦19	≦24	≦24	≦24	-
C4[1]	28.6	-	37.5	48.2	48.2	48.2	-
C5[1] F6	30	-	50	70	70	70	-
C6[1]	4.1	-	4.5	6	6	6	-
C7[1]	42	-	60	90	90	90	-
C8[1]	73.3	-	97.4	119.5	135.5	129.5	-
C9[1]	134.1	-	187.4	229.5	275.5	299.5	-
C10[1]	17	-	20	26	26	26	-
C11[1]	103.7	-	142.4	174.5	205.5	214.5	-
B	5	-	6	6	10	12	-
H	15	-	20.5	24.5	35	43	-

*1. C1~C11 are motor specific dimensions (metric std shown), sizse may vary according to motor flange. C1~C11是公製標準馬達連接板尺寸，請依所選用的馬達決定。

★ Specification subject to change without notice. 本公司有權針對以上數據規格逕行設計變更不先行告知。

PT-FSL Triple Stage Dims. 三段外型尺寸圖



Specifications 規格

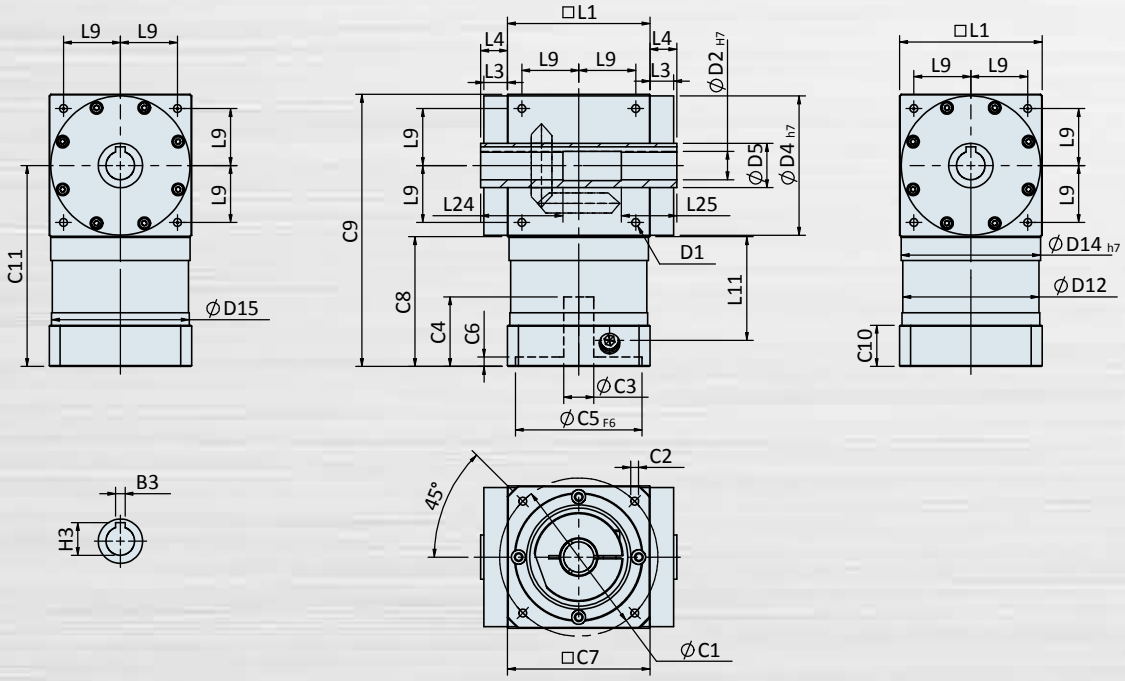
Unit: mm

Dims. 尺寸	PT60-FSL	PT75-FSL	PT90-FSL	PT110-FSL	PT140-FSL	PT170-FSL	PT210-FSL
D1	-	-	-	24-M8x1.25P	24-M10x1.5P	24-M12x1.75P	-
D2	-	-	-	-	-	-	-
D3k6	-	-	-	22	32	40	-
D4h7	-	-	-	108	135	165	-
D5	-	-	-	33	47	55	-
D6	-	-	-	M8x1.25P	M12x1.75P	M16x2.0P	-
D7	-	-	-	-	-	-	-
D12	-	-	-	106	104	128	-
D14h7	-	-	-	108	135	165	-
D15	-	-	-	107	103	127	-
L1	-	-	-	110	140	170	-
L2	-	-	-	57	67	77	-
L3	-	-	-	15	15	15	-
L4	-	-	-	17	17	17	-
L5	-	-	-	32	45	50	-
L6	-	-	-	4	2.5	5	-
L7	-	-	-	-	-	-	-
L9	-	-	-	44	55	67	-
L10	-	-	-	-	-	-	-
L11	-	-	-	149.8	165.8	159.8	-
L12	-	-	-	4.5	6	6	-
L13	-	-	-	20.5	30	36	-
C1[1]	-	-	-	90	90	90	-
C2[1]	-	-	-	M6x1.0P	M6x1.0P	M6x1.0P	-
C3[1]	-	-	-	≦24	≦24	≦24	-
C4[1]	-	-	-	48.2	48.2	48.2	-
C5[1] F6	-	-	-	70	70	70	-
C6[1]	-	-	-	6	6	6	-
C7[1]	-	-	-	90	90	90	-
C8[1]	-	-	-	164.5	180.5	174.5	-
C9[1]	-	-	-	274.5	320.5	344.5	-
C10[1]	-	-	-	26	26	26	-
C11[1]	-	-	-	219.5	250.5	259.5	-
B	-	-	-	6	10	12	-
H	-	-	-	24.5	35	43	-

*1. C1~C11 are motor specific dimensions (metric std shown), sizse may vary according to motor flange. C1~C11是公製標準馬達連接板尺寸，請依所選用的馬達決定。

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PT-FH Single Stage Dims. 單段外型尺寸圖



Specifications 規格

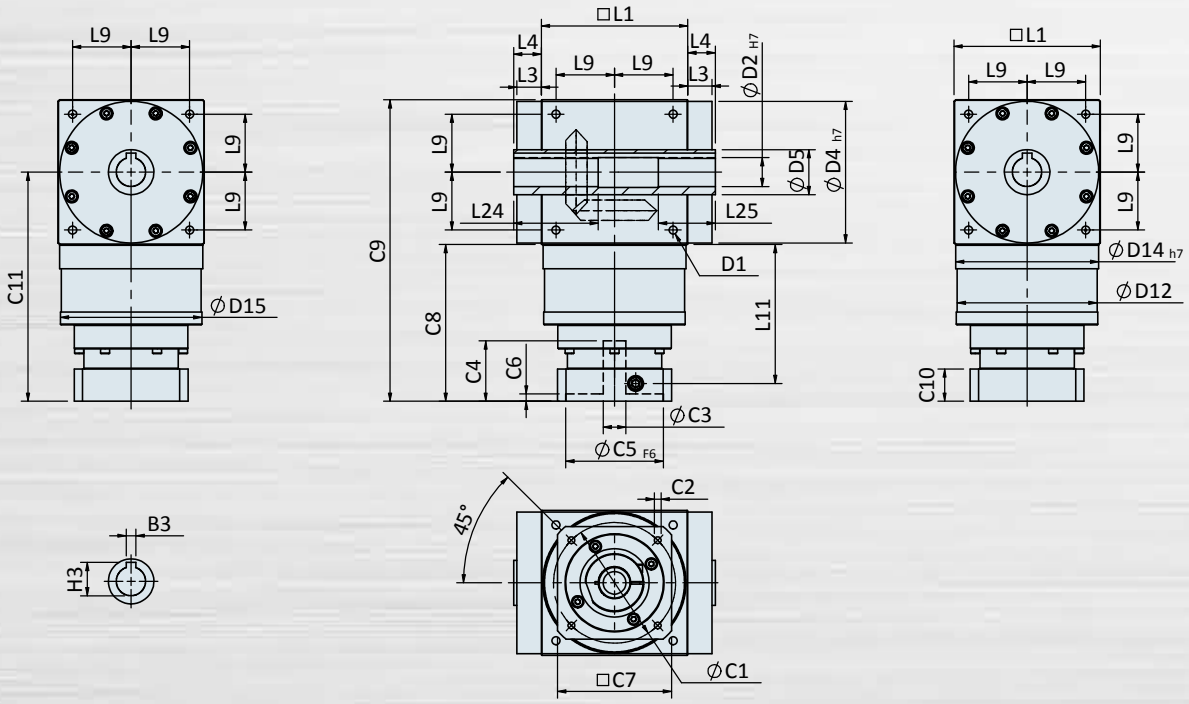
Unit: mm

Dims. 尺寸	PT60-FH	PT75-FH	PT90-FH	PT110-FH	PT140-FH	PT170-FH	PT210-FH
D1	24-M4x0.7P	-	24-M6x1.0P	24-M8x1.25P	24-M10x1.5P	24-M12x1.75P	-
D2H7	13	-	18	22	32	40	-
D3k6	-	-	-	-	-	-	-
D4h7	60	-	88	108	135	165	-
D5	21	-	28	33	47	55	-
D6	-	-	-	-	-	-	-
D7	-	-	-	-	-	-	-
D12	60	-	86	106	104	128	-
D14h7	60.2	-	88	108	135	165	-
D15	41.8	-	87	107	103	127	-
L1	60.8	-	90	110	140	170	-
L2	-	-	-	-	-	-	-
L3	10	-	15	15	15	15	-
L4	12	-	17	17	17	17	-
L5	-	-	-	-	-	-	-
L6	-	-	-	-	-	-	-
L7	-	-	-	-	-	-	-
L9	24.75	-	36	44	55	67	-
L10	-	-	-	-	-	-	-
L11	38.2	-	65.5	77	86.4	94.1	-
L24	40	-	52	53	70	80	-
L25	30	-	35	35	50	55	-
C1[1]	46	-	100	100	130	165	-
C2[1]	M4x0.7P	-	M6x1.0P	M6x1.0P	M8x1.25P	M10x1.5P	-
C3[1]	≦11/≦14/≦19	-	≦19/≦24	≦24	≦32	≦38	-
C4[1]	33	-	44	47	55.1	67	-
C5[1] F6	30	-	80	80	110	130	-
C6[1]	4	-	6	5	5	6	-
C7[1]	42.6	-	90	90	115	140	-
C8[1]	47.2	-	82	93	106	118	-
C9[1]	108	-	172	203	246	288	-
C10[1]	18.5	-	26	23	27	35	-
C11[1]	77.6	-	127	148	176	203	-
B3	5	-	6	6	10	12	-
H3	15.3	-	20.8	24.8	35.3	43.3	-

*1. C1~C11 are motor specific dimensions (metric std shown), sizse may vary according to motor flange. C1~C11是公製標準馬達連接板尺寸，請依所選用的馬達決定。

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PT-FH Double Stage Dims. 雙段外型尺寸圖



Specifications 規格

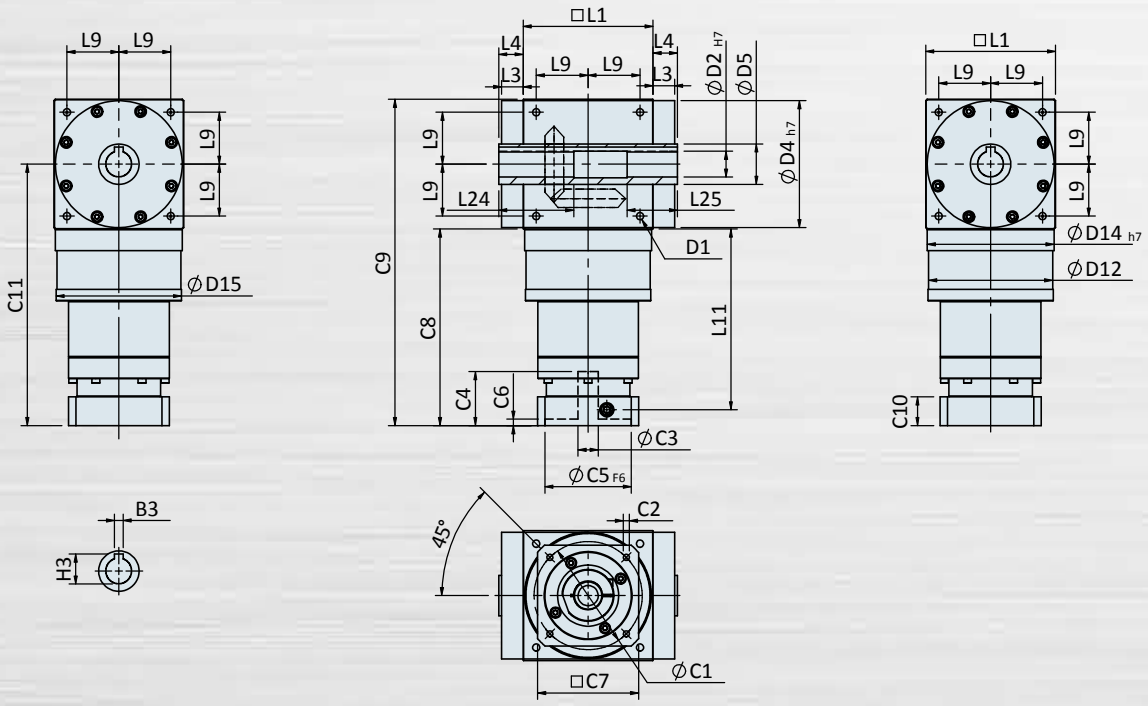
Unit: mm

Dims. 尺寸	PT60-FH	PT75-FH	PT90-FH	PT110-FH	PT140-FH	PT170-FH	PT210-FH
D1	24-M4x0.7P	-	24-M6x1.0P	24-M8x1.25P	24-M10x1.5P	24-M12x1.75P	-
D2	13	-	18	22	32	40	-
D3k6	-	-	-	-	-	-	-
D4h7	60	-	88	108	135	165	-
D5	21	-	28	33	47	55	-
D6	-	-	-	-	-	-	-
D7	-	-	-	-	-	-	-
D12	59.8	-	86	106	104	128	-
D14h7	60.2	-	88	108	135	165	-
D15	60	-	87	107	103	127	-
L1	60.8	-	90	110	140	170	-
L2	-	-	-	-	-	-	-
L3	10	-	15	15	15	15	-
L4	12	-	17	17	17	17	-
L5	-	-	-	-	-	50	-
L6	-	-	-	-	-	5	-
L7	-	-	-	-	-	-	-
L9	24.75	-	36	44	55	67	-
L10	-	-	-	-	-	-	-
L11	63.7	-	86.4	104.8	120.8	114.8	-
L24	40	-	52	53	70	80	-
L25	30	-	35	35	50	55	-
C1[1]	46	-	70	90	90	90	-
C2[1]	M4x0.7P	-	M5x0.8P	M6x1.0P	M6x1.0P	M6x1.0P	-
C3[1]	≦8/≦11	-	≦14/≦19	≦24	≦24	≦24	-
C4[1]	28.6	-	37.5	48.2	48.2	48.2	-
C5[1] F6	30	-	50	70	70	70	-
C6[1]	4.1	-	4.5	6	6	6	-
C7[1]	42	-	60	90	90	90	-
C8[1]	73.3	-	97.4	119.5	135.5	129.5	-
C9[1]	134.1	-	187.4	229.5	275.5	299.5	-
C10[1]	17	-	20	26	26	26	-
C11[1]	103.7	-	142.4	174.5	205.5	214.5	-
B	5	-	6	6	10	12	-
H	15.3	-	20.8	24.8	35.3	43.3	-

*1. C1~C11 are motor specific dimensions (metric std shown), sizse may vary according to motor flange. C1~C11是公製標準馬達連接板尺寸，請依所選用的馬達決定。

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PT-FH Triple Stage Dims. 三段外型尺寸圖



Specifications 規格

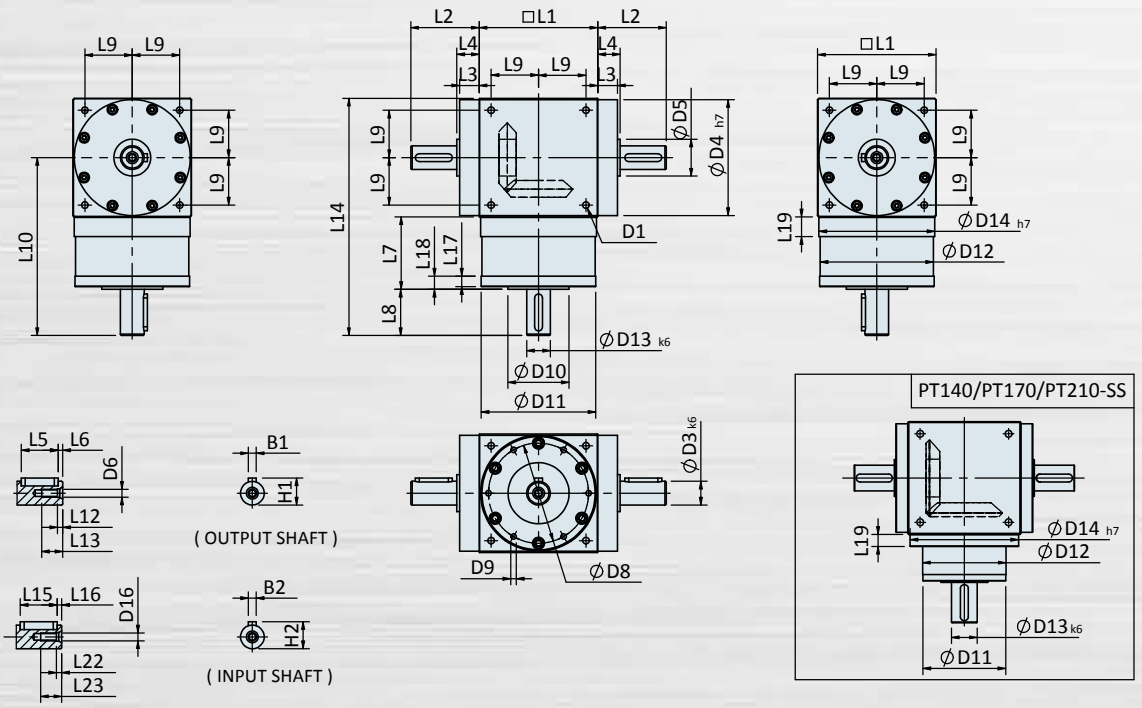
Unit: mm

Dims. 尺寸	PT60-FH	PT75-FH	PT90-FH	PT110-FH	PT140-FH	PT170-FH	PT210-FH
D1	-	-	-	24-M8x1.25P	24-M10x1.5P	24-M12x1.75P	-
D2H7	-	-	-	22	32	40	-
D3k6	-	-	-	-	-	-	-
D4h7	-	-	-	108	135	165	-
D5	-	-	-	33	47	55	-
D6	-	-	-	-	-	-	-
D7	-	-	-	-	-	-	-
D12	-	-	-	106	104	128	-
D14h7	-	-	-	108	135	165	-
D15	-	-	-	107	103	127	-
L1	-	-	-	110	140	170	-
L2	-	-	-	-	-	-	-
L3	-	-	-	15	15	15	-
L4	-	-	-	17	17	17	-
L5	-	-	-	-	-	-	-
L6	-	-	-	-	-	-	-
L7	-	-	-	-	-	-	-
L9	-	-	-	44	55	67	-
L10	-	-	-	-	-	-	-
L11	-	-	-	149.8	165.8	159.8	-
L24	-	-	-	53	70	80	-
L25	-	-	-	35	50	55	-
C1[1]	-	-	-	90	90	90	-
C2[1]	-	-	-	M6x1.0P	M6x1.0P	M6x1.0P	-
C3[1]	-	-	-	≦24	≦24	≦24	-
C4[1]	-	-	-	48.2	48.2	48.2	-
C5[1] F6	-	-	-	70	70	70	-
C6[1]	-	-	-	6	6	6	-
C7[1]	-	-	-	90	90	90	-
C8[1]	-	-	-	164.5	180.5	174.5	-
C9[1]	-	-	-	274.5	320.5	344.5	-
C10[1]	-	-	-	26	26	26	-
C11[1]	-	-	-	219.5	250.5	259.5	-
B3	-	-	-	6	10	12	-
H3	-	-	-	24.8	35.3	43.3	-

*1. C1~C11 are motor specific dimensions (metric std shown), sizse may vary according to motor flange. C1~C11是公製標準馬達連接板尺寸，請依所選用的馬達決定。

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PT-SS Single Stage Dims. 單段外型尺寸圖



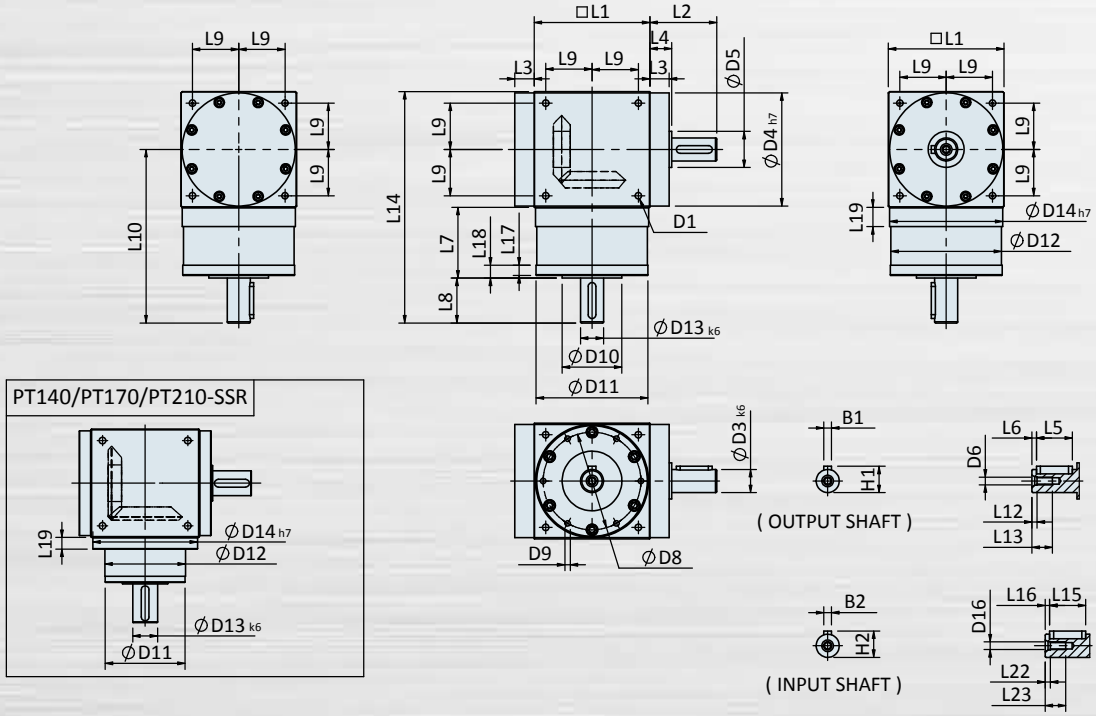
Specifications 規格

Unit: mm

Dims. 尺寸	PT60-SS	PT75-SS	PT90-SS	PT110-SS	PT140-SS	PT170-SS	PT210-SS
D1	24-M4x0.7P	-	24-M6x1.0P	24-M8x1.25P	24-M10x1.5P	24-M12x1.75P	-
D3k6	13	-	18	22	32	40	-
D4h7	60	-	88	108	135	165	-
D5	21	-	28	33	47	55	-
D6	M4x0.7P	-	M6x1.0P	M8x1.25P	M12x1.75P	M16x2.0P	-
D8	53	-	76	95	92	114	-
D9	4-M4x0.7P	-	4-M5x0.8P	6-M6x1.0P	6-M6x1.0P	6-M8x1.25P	-
D10	34	-	46	59	59	74.4	-
D11	60	-	87	107	103	127	-
D12	59.8	-	86	106	104	128	-
D13k6	13	-	18	22	32	40	-
D14h7	60.2	-	88	108	135	165	-
D16	M4x0.7P	-	M6x1.0P	M8x1.25P	M12x1.75P	M16x2.0P	-
L1	60.8	-	90	110	140	170	-
L2	31.5	-	52	57	67	77	-
L3	10	-	15	15	15	15	-
L4	12	-	17	17	17	17	-
L5	16	-	28	32	45	50	-
L6	2	-	3.5	4	2.5	5	-
L7	43	-	55	60	60	70	-
L8	19.5	-	35	40	50	60	-
L9	24.75	-	36	44	55	67	-
L10	92.9	-	135	155	180	215	-
L12	4	-	4	4.5	6	6	-
L13	12	-	16	20.5	30	36	-
L14	123.3	-	180	210	250	300	-
L15	16	-	28	32	45	50	-
L16	2	-	3.5	4	2.5	5	-
L17	6	-	8	8	10	10	-
L18	8	-	10	10	12	12	-
L19	13	-	15	15	15	15	-
L22	4	-	4	4.5	6	6	-
L23	12	-	16	20.5	30	36	-
B1	5	-	6	6	10	12	-
B2	5	-	6	6	10	12	-
H1	15	-	20.5	24.5	35	43	-
H2	15	-	20.5	24.5	35	43	-

★ Specification subject to change without notice. 本公司有權針對以上數據規格逕行設計變更不先行告知。

PT-SSR Single Stage Dims. 單段外型尺寸圖



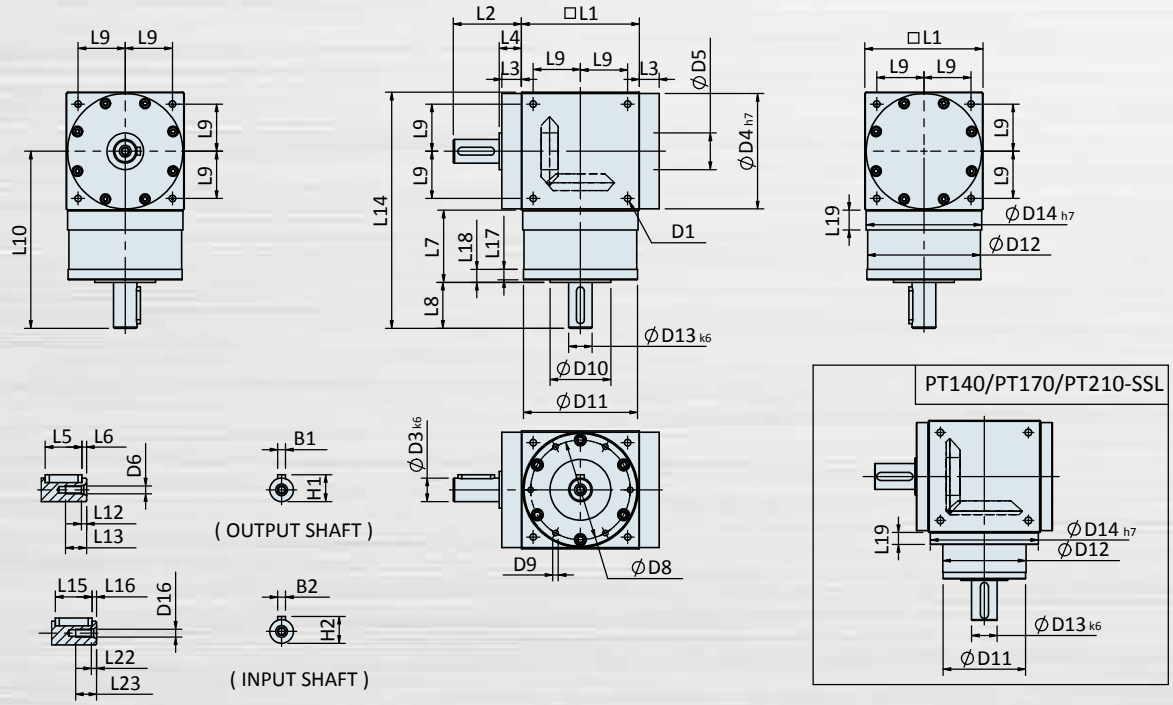
Specifications 規格

Unit: mm

Dims. 尺寸	PT60-SSR	PT75-SSR	PT90-SSR	PT110-SSR	PT140-SSR	PT170-SSR	PT210-SSR
D1	24-M4x0.7P	-	24-M6x1.0P	24-M8x1.25P	24-M10x1.5P	24-M12x1.75P	-
D3k6	13	-	18	22	32	40	-
D4h7	60	-	88	108	135	165	-
D5	21	-	28	33	47	55	-
D6	M4x0.7P	-	M6x1.0P	M8x1.25P	M12x1.75P	M16x2.0P	-
D8	53	-	76	95	92	114	-
D9	4-M4x0.7P	-	4-M5x0.8P	6-M6x1.0P	6-M6x1.0P	6-M8x1.25P	-
D10	34	-	46	59	59	74.4	-
D11	60	-	87	107	103	127	-
D12	59.8	-	86	106	104	128	-
D13k6	13	-	18	22	32	40	-
D14h7	60.2	-	88	108	135	165	-
D16	M4x0.7P	-	M6x1.0P	M8x1.25P	M12x1.75P	M16x2.0P	-
L1	60.8	-	90	110	140	170	-
L2	31.5	-	52	57	67	77	-
L3	10	-	15	15	15	15	-
L4	12	-	17	17	17	17	-
L5	16	-	28	32	45	50	-
L6	2	-	3.5	4	2.5	5	-
L7	43	-	55	60	60	70	-
L8	19.5	-	35	40	50	60	-
L9	24.75	-	36	44	55	67	-
L10	92.9	-	135	155	180	215	-
L12	4	-	4	4.5	6	6	-
L13	12	-	16	20.5	30	36	-
L14	123.3	-	180	210	250	300	-
L15	16	-	28	32	45	50	-
L16	2	-	3.5	4	2.5	5	-
L17	6	-	8	8	10	10	-
L18	8	-	10	10	12	12	-
L19	13	-	15	15	15	15	-
L22	4	-	4	4.5	6	6	-
L23	12	-	16	20.5	30	36	-
B1	5	-	6	6	10	12	-
B2	5	-	6	6	10	12	-
H1	15	-	20.5	24.5	35	43	-
H2	15	-	20.5	24.5	35	43	-

★ Specification subject to change without notice. 本公司有權針對以上數據規格逕行設計變更不先行告知。

PT-SSL Single Stage Dims. 單段外型尺寸圖



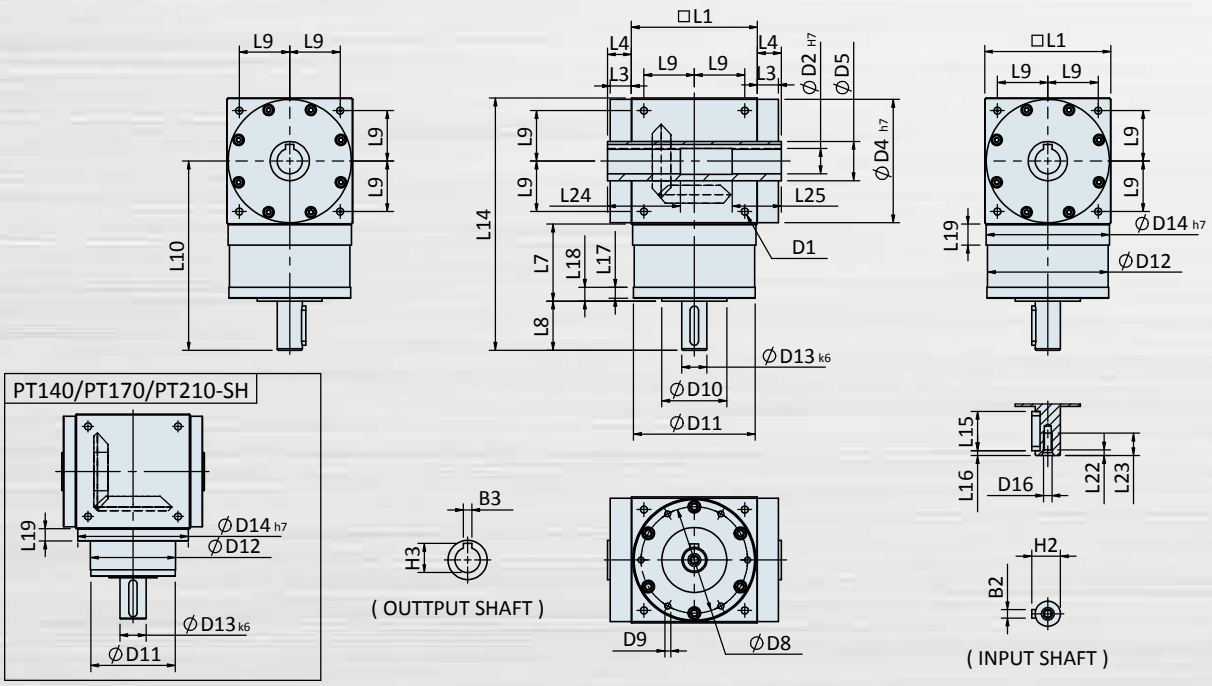
Specifications 規格

Unit: mm

Dims. 尺寸	PT60-SSL	PT75-SSL	PT90-SSL	PT110-SSL	PT140-SSL	PT170-SSL	PT210-SSL
D1	24-M4x0.7P	-	24-M6x1.0P	24-M8x1.25P	24-M10x1.5P	24-M12x1.75P	-
D3k6	13	-	18	22	32	40	-
D4h7	60	-	88	108	135	165	-
D5	21	-	28	33	47	55	-
D6	M4x0.7P	-	M6x1.0P	M8x1.25P	M12x1.75P	M16x2.0P	-
D8	53	-	76	95	92	114	-
D9	4-M4x0.7P	-	4-M5x0.8P	6-M6x1.0P	6-M6x1.0P	6-M8x1.25P	-
D10	34	-	46	59	59	74.4	-
D11	60	-	87	107	103	127	-
D12	59.8	-	86	106	104	128	-
D13k6	13	-	18	22	32	40	-
D14h7	60.2	-	88	108	135	165	-
D16	M4x0.7P	-	M6x1.0P	M8x1.25P	M12x1.75P	M16x2.0P	-
L1	60.8	-	90	110	140	170	-
L2	31.5	-	52	57	67	77	-
L3	10	-	15	15	15	15	-
L4	12	-	17	17	17	17	-
L5	16	-	28	32	45	50	-
L6	2	-	3.5	4	2.5	5	-
L7	43	-	55	60	60	70	-
L8	19.5	-	35	40	50	60	-
L9	24.75	-	36	44	55	67	-
L10	92.9	-	135	155	180	215	-
L12	4	-	4	4.5	6	6	-
L13	12	-	16	20.5	30	36	-
L14	123.3	-	180	210	250	300	-
L15	16	-	28	32	45	50	-
L16	2	-	3.5	4	2.5	5	-
L17	6	-	8	8	10	10	-
L18	8	-	10	10	12	12	-
L19	13	-	15	15	15	15	-
L22	4	-	4	4.5	6	6	-
L23	12	-	16	20.5	30	36	-
B1	5	-	6	6	10	12	-
B2	5	-	6	6	10	12	-
H1	15	-	20.5	24.5	35	43	-
H2	15	-	20.5	24.5	35	43	-

★ Specification subject to change without notice. 本公司有權針對以上數據規格逕行設計變更不先行告知。

PT-SH Single Stage Dims. 單段外型尺寸圖



Specifications 規格

Unit: mm

Dims. 尺寸	PT60-SH	PT75-SH	PT90-SH	PT110-SH	PT140-SH	PT170-SH	PT210-SH
D1	24-M4x0.7P	-	24-M6x1.0P	24-M8x1.25P	24-M10x1.5P	24-M12x1.75P	-
D2H7	13	-	18	22	32	40	-
D4h7	60	-	88	108	135	165	-
D5	21	-	28	33	47	55	-
D6	-	-	-	-	-	-	-
D8	53	-	76	95	92	114	-
D9	4-M4x0.7P	-	4-M5x0.8P	6-M6x1.0P	6-M6x1.0P	6-M8x1.25P	-
D10	34	-	46	59	59	74.4	-
D11	60	-	87	107	103	127	-
D12	59.8	-	86	106	104	128	-
D13k6	13	-	18	22	32	40	-
D14h7	60.2	-	88	108	135	165	-
D16	M4x0.7P	-	M6x1.0P	M8x1.25P	M12x1.75P	M16x2.0P	-
L1	60.8	-	90	110	140	170	-
L2	-	-	-	-	-	-	-
L3	10	-	15	15	15	15	-
L4	12	-	17	17	17	17	-
L5	-	-	-	-	-	-	-
L6	-	-	-	-	-	-	-
L7	43	-	55	60	60	70	-
L8	19.5	-	35	40	50	60	-
L9	24.75	-	36	44	55	67	-
L10	92.9	-	135	155	180	215	-
L14	123.3	-	180	210	250	300	-
L15	16	-	28	32	45	50	-
L16	2	-	3.5	4	2.5	5	-
L17	6	-	8	8	10	10	-
L18	8	-	10	10	12	12	-
L19	13	-	15	15	15	15	-
L22	4	-	4	4.5	6	6	-
L23	12	-	16	20.5	30	36	-
L24	40	-	52	53	70	80	-
L25	30	-	35	35	50	55	-
B2	5	-	6	6	10	12	-
B3	5	-	6	6	10	12	-
H2	15	-	20.5	24.5	35	43	-
H3	15.3	-	20.8	24.8	35.3	43.3	-

★ Specification subject to change without notice. 本公司有權針對以上數據規格逕行設計變更不先行告知。

SESAME

PT Flange Input Specs. Table 法蘭型性能規格共表

Specifications 規格		Stage 節數	Ratio 減速比	PT60 (FS/FSL/FSR/FH)	PT75 (FS/FSL/FSR/FH)	PT90 (FS/FSL/FSR/FH)	PT110 (FS/FSL/FSR/FH)	PT140 (FS/FSL/FSR/FH)	PT170 (FS/FSL/FSR/FH)	PT210 (FS/FSL/FSR/FH)
Nominal Output Torque 額定輸出力矩T_{2N}	N · m	1	1	25	45	78	150	360	585	1300
			1.5	25	45	78	150	360	585	1300
			2	24	42	68	150	330	544	1220
			3	18	33	54	120	270	450	1020
			4	13	28	48	100	224	376	860
			5	12	25	40	85	196	320	740
		2	7	13	13	40	100	100	100	210
			9	-	33	54	120	210	210	430
			10	24	42	68	150	208	208	460
			15	18	33	54	120	270	312	645
			20	13	28	48	100	224	376	860
			25	12	25	40	85	196	320	740
			35	12	25	40	85	196	320	740
			50	12	25	40	85	196	320	740
		3	75	-	-	-	120	270	312	645
			100	-	-	-	100	224	376	860
			125	-	-	-	85	196	320	740
			150	-	-	-	120	270	312	645
			200	-	-	-	100	224	376	860
			250	-	-	-	85	196	320	740
			350	-	-	-	85	196	320	740
			500	-	-	-	85	196	320	740
Emergency Stop Torque 急停力矩T_{2NOT}	N · m	2.0 Times of Nominal Output Torque 2.0倍額定輸出力矩 (* Max. Output Torque 最大輸出力矩T_{2B}=1.5 Times of Nominal Output Torque 1.5倍額定輸出力矩)								
Nominal Input Speed 額定輸入轉速n_{1N}	rpm	1	1	2500	2000	1700	1400	1100	1000	800
			1.5, 2	3000	2500	2000	1600	1400	1300	1050
			3, 4, 5	3500	3000	2500	2100	2000	1800	160
		2	7-50	5000	5000	4000	4000	4000	3500	3000
		3	75-500	-	-	-	5000	4000	4000	4000
Max. Input Speed 額定輸入轉速n_{1max}	rpm	1	1-5	7500	6500	5500	4500	3500	3000	2200
		2	7-50	8000	8000	6000	6000	6000	6000	4800
		3	75-500	-	-	-	8000	8000	8000	6000
Standard Backlash P2 標準背隙	arcmin	1	1-5	≦6	≦6	≦6	≦6	≦6	≦6	≦6
		2	7-50	≦8	≦8	≦8	≦8	≦8	≦8	≦8
		3	75-500	-	-	-	≦10	≦10	≦10	≦10
Max. Radial Load 輸出軸容許徑向力F_{2rB}[1]	N	1,2,3	1-500	900	1100	1700	2700	4800	6600	11500
Max. Axial Load 輸出軸容許軸向力F_{2aB}[1]	N	1,2,3	1-500	450	550	850	1350	2400	3300	5750
Operating Temp. 使用溫度	℃	1,2,3	-10℃ ~ +90℃							
Service Life 使用壽命	hrs	1,2,3	20,000 (10,000 Continuous Operation 連續運轉)							
Efficiency 效率	%	1	≧98%							
		2,3	≧94%							
Weight 重量	FS/FSL/FSR kg	1	1-5	2.8	4.6	7.5	12.8	21.8	38.3	72.6
		2	7-50	3.2	5.2	8.5	15.3	25.1	40.7	77.3
		3	75-500	-	-	-	16.1	25.9	42.0	79.2
	FH kg	1	1-5	2.6	4.3	7.1	12.1	20.0	34.9	66.1
		2	7-50	3.1	4.9	8.1	14.6	23.5	37.3	70.8
		3	75-500	-	-	-	15.4	24.3	38.5	72.4
Mounting Position 安裝方向	-	1,2,3	Any Direction 任意方向							
Noise Level 噪音值[2]	dBA/1m	1,2,3	1-500	68	70	74	75	76	77	79
Protection Class 防護等級	-	1,2,3	IP65							
Lubrication 潤滑	-	1,2,3	Synthetic Lubricant 全合成潤滑油脂							

Inertia 減速機轉動慣量 (J1)

Stage 節數	Ratio 減速比	unit 單位	PT60 (FS/FSL/FSR/FH)	PT75 (FS/FSL/FSR/FH)	PT90 (FS/FSL/FSR/FH)	PT110 (FS/FSL/FSR/FH)	PT140 (FS/FSL/FSR/FH)	PT170 (FS/FSL/FSR/FH)	PT210 (FS/FSL/FSR/FH)
1	1	Kg · cm^2	0.51	1.35	3.21	7.82	25.1	61.5	198.9
	1.5		0.46	1.18	2.9	6.85	20.3	51.2	158.2
	2		0.44	1.15	2.75	6.52	18.7	47.3	142.5
	3-5		0.43	1.11	2.71	6.21	18.1	45.2	136.5
2	7-50		0.04	0.07	0.32	1.0	1.6	3.1	9.8
3	75-500		-	-	-	0.23	0.26	0.75	1.0

1. Applied to the output shaft center at 400 rpm. 輸出轉速400 rpm時，作用於輸出軸中心位置。
2. Measured at 1500 rpm with no load. 1500 rpm空載量測。

※ The above figures/specifications are subject to change without prior notice. 本公司有權對以上數據規格逕行設計變更不先行告知。

SESAME

PT Solid Shaft Input Specs. Table 軸型性能規格共表

Specification 規格			Stage 節數	Ratio 減速比	PT60 (SS/SSL/SSR/SH)	PT75 (SS/SSL/SSR/SH)	PT90 (SS/SSL/SSR/SH)	PT110 (SS/SSL/SSR/SH)	PT140 (SS/SSL/SSR/SH)	PT170 (SS/SSL/SSR/SH)	PT210 (SS/SSL/SSR/SH)
Nominal Output Torque 額定輸出力矩T_{2N}		N · m	1	1	25	45	78	150	360	585	1300
				1.5	25	45	78	150	360	585	1300
				2	24	42	68	150	330	544	1220
				3	18	33	54	120	270	450	1020
				4	13	28	48	100	224	376	860
				5	12	25	40	85	196	320	740
Emergency Stop Torque 急停力矩T_{2NOT}		N · m	2.0 Times of Nominal Output Torque 2.0倍額定輸出力矩 (* Max. Output Torque 最大輸出力矩T_{2B}=1.5 Times of Nominal Output Torque 1.5倍額定輸出力矩)								
Nominal Input Speed 額定輸入轉速n_{1N}		rpm	1	1	2500	2000	1700	1400	1100	1000	800
			1	1.5, 2	3000	2500	2000	1600	1400	1300	1050
			1	3, 4, 5	3500	3000	2500	2100	2000	1800	1600
Max. Input Speed 最大輸入轉速n_{1max}		rpm	1	1-5	7500	6500	5500	4500	3500	3000	2200
Standard Backlash P2 標準背隙		arcmin	1	1-5	≦6	≦6	≦6	≦6	≦6	≦6	≦6
Max. Radial Load on Output Shaft 輸出軸容許徑向力F_{2rB}[1]		N	1	1-5	900	1100	1700	2700	4800	6600	11500
Max. Axial Load on Output Shaft 輸出軸容許軸向力F_{2aB}[1]		N	1	1-5	450	550	850	1350	2400	3300	5750
Max. Radial Load on Input Shaft 輸入軸容許徑向力F_{1rB}[2]		N	1	1-5	700	950	1450	2100	2700	3800	7800
Max. Axial Load on Input Shaft 輸入軸容許軸向力F_{1aB}[2]		N	1	1-5	350	425	725	1050	1350	1900	3900
Operating Temp. 使用溫度		℃	-10℃ ~ +90℃								
Service Life 使用壽命		hrs	20,000 (10,000 Continuous Operation 連續運轉)								
Efficiency 效率		%	≥98%								
Weight 重量	SS	kg	1	1-5	2.6	4.4	7.2	12.2	20.8	36.5	69.2
	SSL	kg	1	1-5	2.5	4.3	7.1	12.1	20.5	35.9	68.1
	SSR	kg	1	1-5	2.5	4.3	7.1	12.1	20.5	35.9	68.1
	SH	kg	1	1-5	2.4	4.1	6.8	11.6	19.1	33.3	63.0
Mounting Position 安裝方向		-	1	1-5	Any Direction 任意方向						
Noise Level 噪音值[2]		dBA/1m	1	1-5	66	68	72	74	75	76	78
Protection Class 防護等級		-	1	1-5	IP65						
Lubrication 潤滑		-	1	1-5	Synthetic Lubricant 全合成潤滑油脂						

Inertia 減速機轉動慣量 (J1)

Sage 節數	Ratio 減速比	unit 單位	PT60 (SS/SSL/SSR/SH)	P75 (SS/SSL/SSR/SH)	PT90 (SS/SSL/SSR/SH)	PT110 (SS/SSL/SSR/SH)	PT140 (SS/SSL/SSR/SH)	PT170 (SS/SSL/SSR/SH)	PT210 (SS/SSL/SSR/SH)
1	1	$Kg \cdot cm^2$	0.51	1.35	3.21	7.82	25.1	61.5	198.9
	1.5		0.46	1.18	2.9	6.85	20.3	51.2	158.2
	2		0.44	1.15	2.75	6.52	18.7	47.3	142.5
	3-5		0.43	1.11	2.71	6.21	18.1	45.2	136.5

* 1. Applied to the output shaft center at 400 rpm. 輸出轉速400 rpm時，作用於輸出軸中心位置。
* 2. Measured at 1500 rpm with no load. 1500 rpm空載量測。
※ The above figures/specifications are subject to change without prior notice. 本公司有權對以上數據規格逕行設計變更不先行告知。

Products due to human error, natural disasters or other factors lead to poor or damaged, will not be covered under warranty.
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