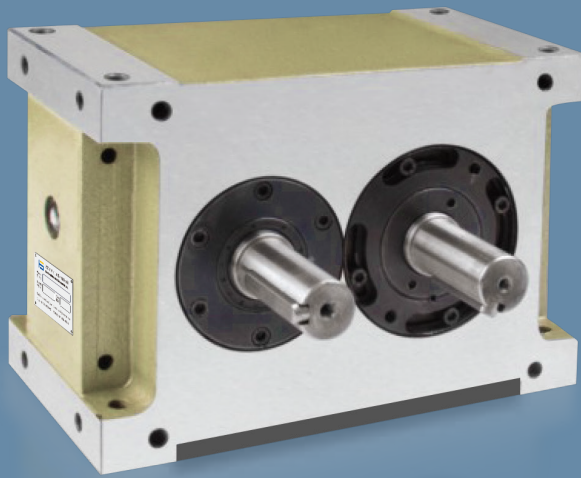


Paradex Model

(PU50,PU65,PU80,PU100,PU125,PU150,PU175,
PU225,PU250,PU320)



Model Code

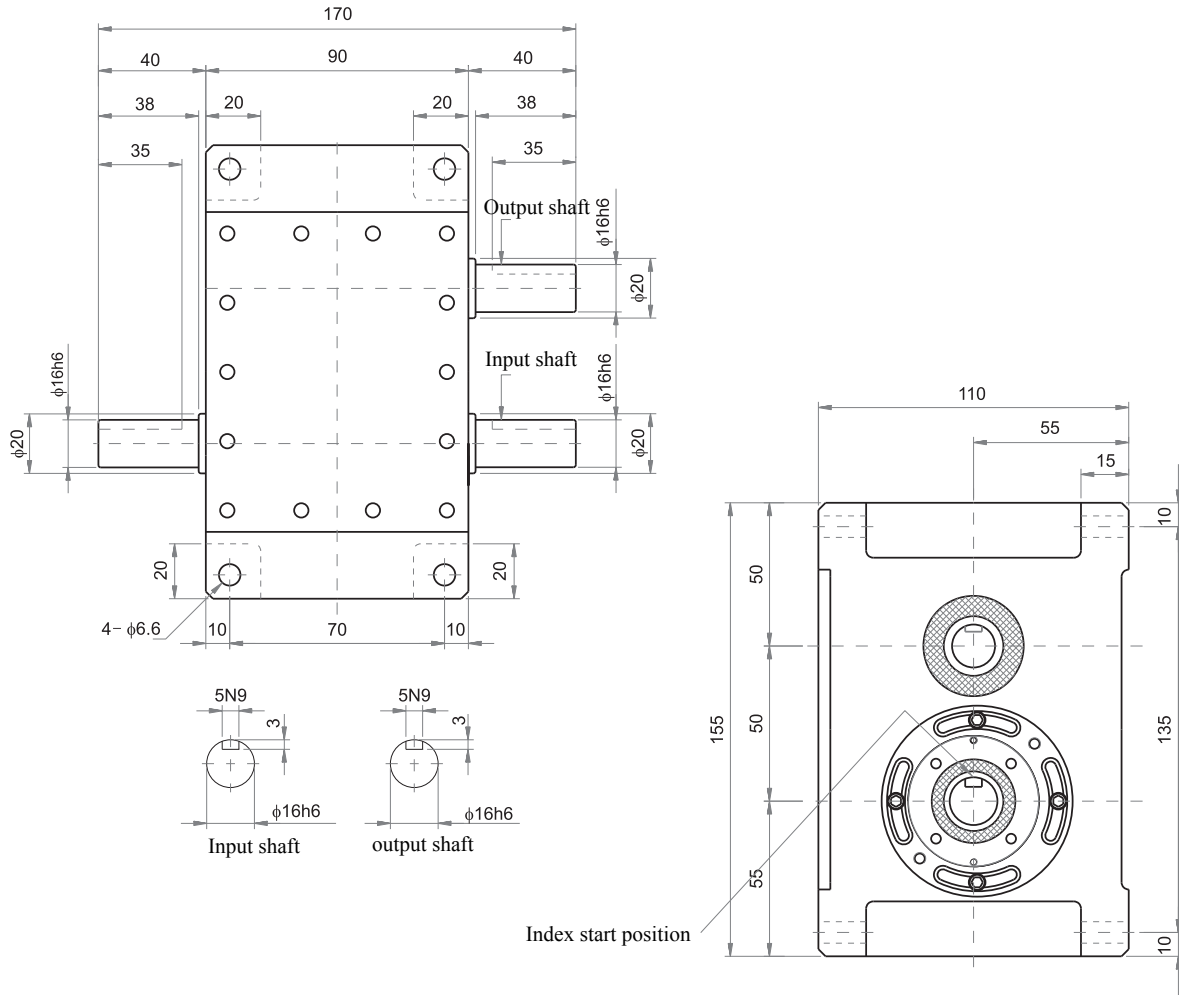
PU100D **01 270** **2 A** **S12 VW** **1** / **X**

a b c d e f g h i

a Size	b Stop	C Drive Angles(θh)	d Motion Cur	e Head of Cam	
PU100D 100mm	01 L stop	270 270°	2 MS Curve	A Dwell Right Hand Cam	
50D/65D/ 80D/100D/ 125D/150D/ 175D/200D/ 250D/320D/ 225D	Number of stops of the Indexing 1.2.3.4.6.8	Cam rotation period (during which the output moves.) 90°/120°150°/180° 210°/240° 270°/300	1234 Curve selection 1 MT (Modified Traprzoid) 2 MS(Modified Sine) 3 MCV50 (Modified Constant Veicity 50)	A Anticlock wise rotation B Clock wise rotation	
f Input Shaft Projection		g Mounting Holes		h Mounting Position	i Special Instructions
S12 Both T and U Surface		VW		1	X
Select the output/ input shaft location of the assembly box			On 6 surfaces of the main housing body with six fixing holes for mounting screws, "VW" shows the style of installation pattern.		
S11 Output/ input shaft at plane T	S21 Output shaft at plane U,S21 input shaft at plane T	Mounting position as shown below.			
S12 Output shaft at plane T, input shaft at plane U	S22 Output/ input shaft at plane U	Include the symbol "X" in case of special instructions. □ Standard (No symbols))			
S13 Output shaft at plane T, input shaft cross plane T/U	S23 Output shaft at plane U, input shaft cross plane T/U	X Special Instructions			

Input shaft Output shaft	1 2 3 4 5 6
S11 S12 S13 S21 S22 S23	1 2 3 4 5 6

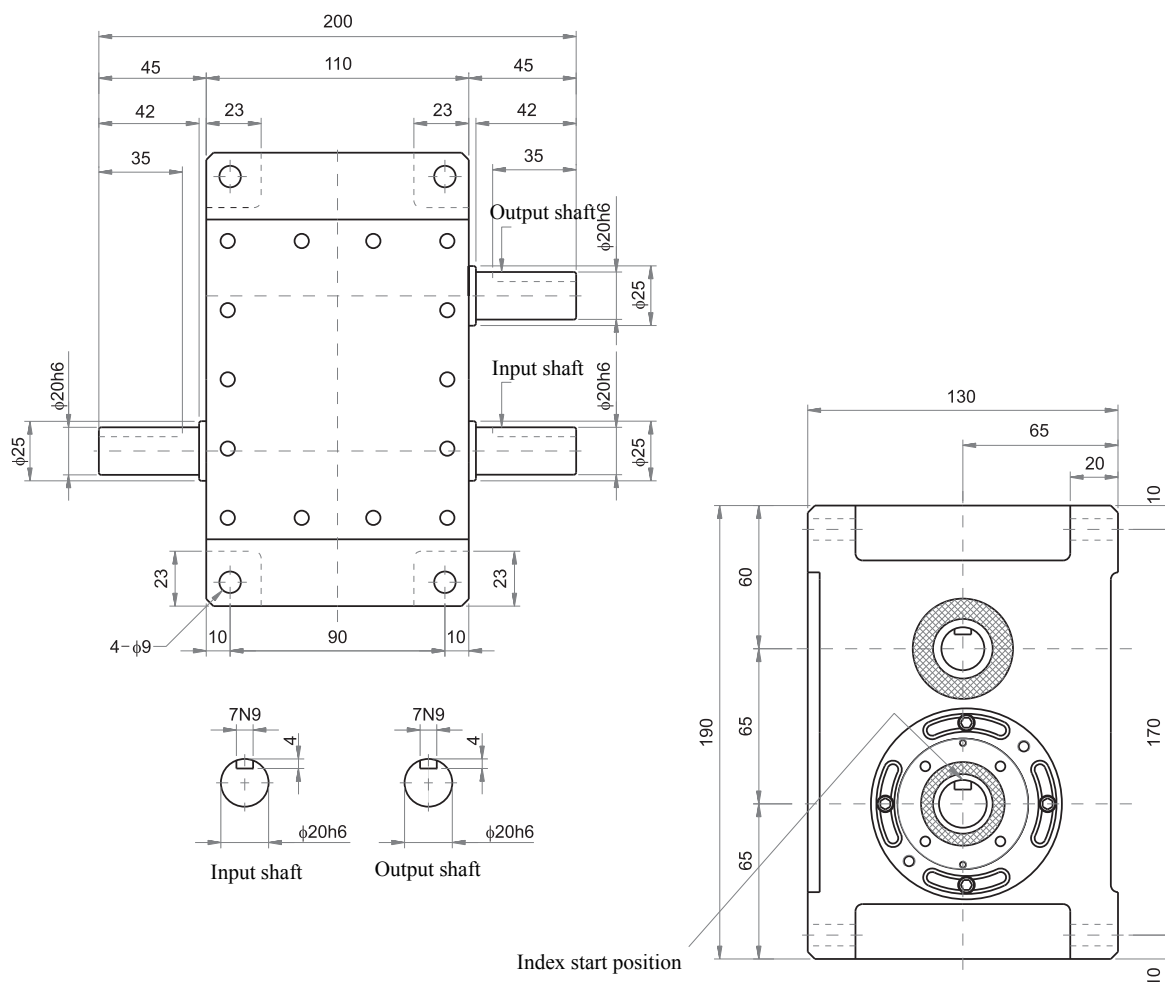
PU50



Technical Parameter

Item	Symbol	Unit	Value
Allowable thrust load on output shaft	P1	kgf	130
Allowable radial load on output shaft	P2	kgf	100
Allowable torque on output shaft	Ts	kgf-m	参照表 Refer torque table
Output shaft rotary rigid	K1	kgf-m/rad	4.4×10^2
Input shaft allowable axial stress	P4	kgf	130
Allowable thrust load on input shaft	P5	kgf	100
Allowable torque	P6	kgf-m/rad	6
Input shaft rotary rigid	K2	sec	4.4×10^2
1DWELL segmentation accuracy		sec	± 60
2DWELL segmentation accuracy		sec	± 120
Repeat positioning accuracy		sec	60
Weight		kg	约7.5

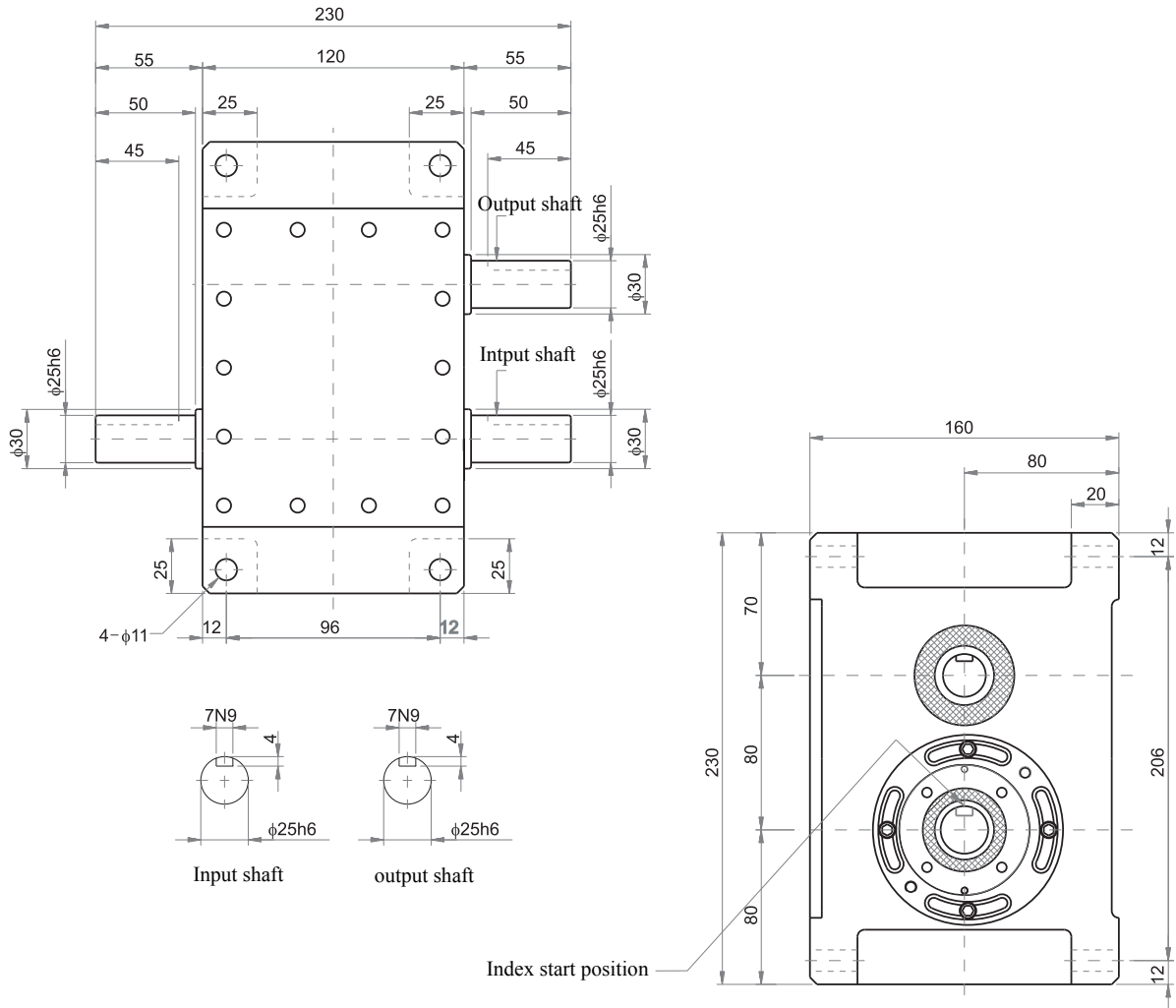
PU65



Technical Parameter

Item	Symbol	Unit	Value
Allowable thrust load on output shaft	P1	kgf	250
Allowable radial load on output shaft	P2	kgf	160
Allowable torque on output shaft	Ts	kgf-m	参照表 Refer torque table
Output shaft rotary rigid	K1	kgf-m/rad	9.2×10^{-2}
Input shaft allowable axial stress	P4	kgf	250
Allowable thrust load on input shaft	P5	kgf	160
Allowable torque	P6	kgf-m/rad	11
Input shaft rotary rigid	K2	sec	9.2×10^{-2}
1DWELL segmentation accuracy		sec	± 60
2DWELL segmentation accuracy		sec	± 120
Repeat positioning accuracy		sec	60
Weight		kg	约14

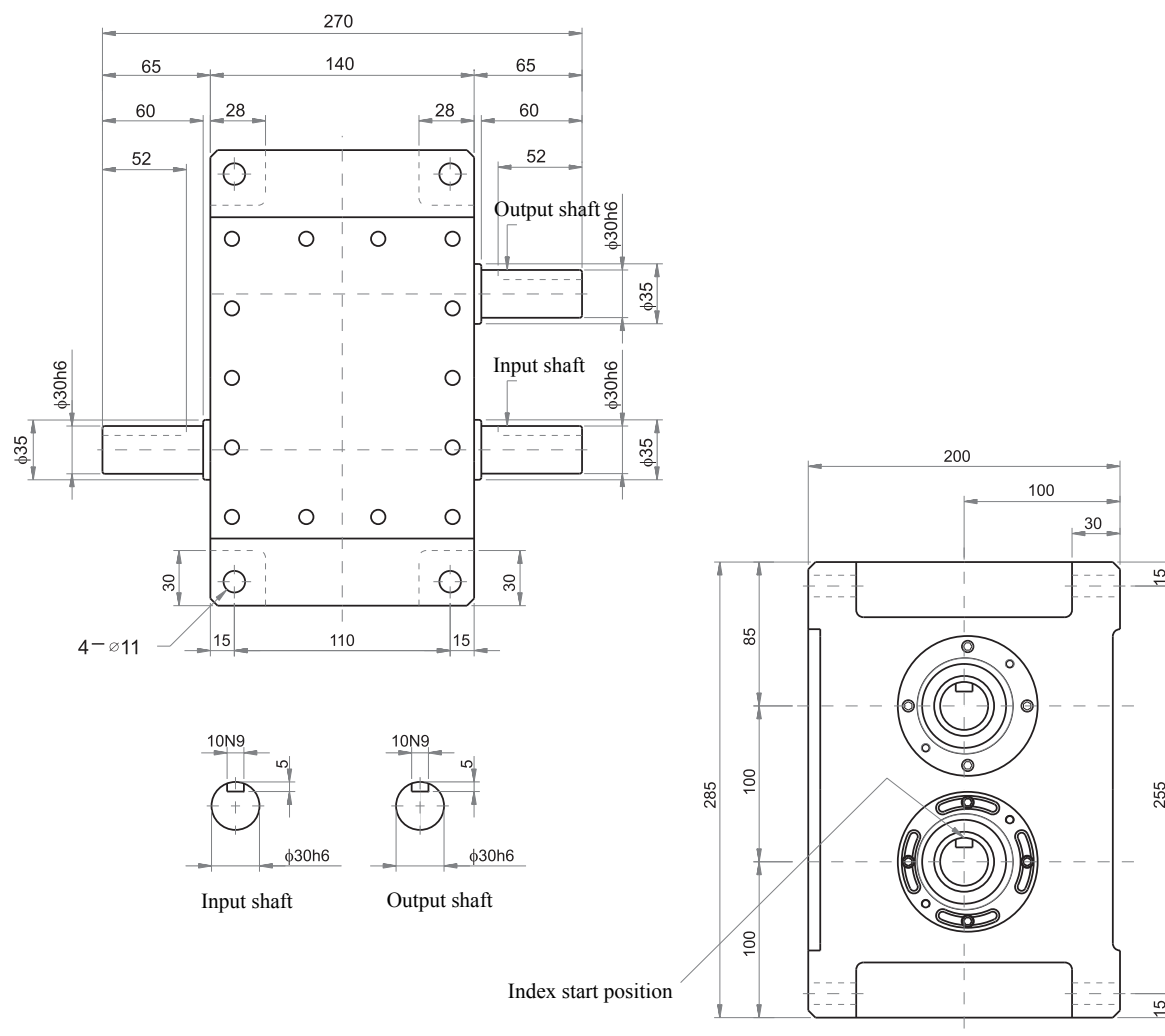
PU80



Technical Parameter

Item	Symbol	Unit	Value
Allowable thrust load on output shaft	P1	kgf	360
Allowable radial load on output shaft	P2	kgf	250
Allowable torque on output shaft	Ts	kgf-m	参照表 Refer torque table
Output shaft rotary rigid	K1	kgf-m/rad	1.9×10^2
Input shaft allowable axial stress	P4	kgf	360
Allowable thrust load on input shaft	P5	kgf	250
Allowable torque	P6	kgf-m/rad	25
Input shaft rotary rigid	K2	sec	1.9×10^2
1DWELL segmentation accuracy		sec	± 60
2DWELL segmentation accuracy		sec	± 120
Repeat positioning accuracy		sec	60
Weight		kg	约20

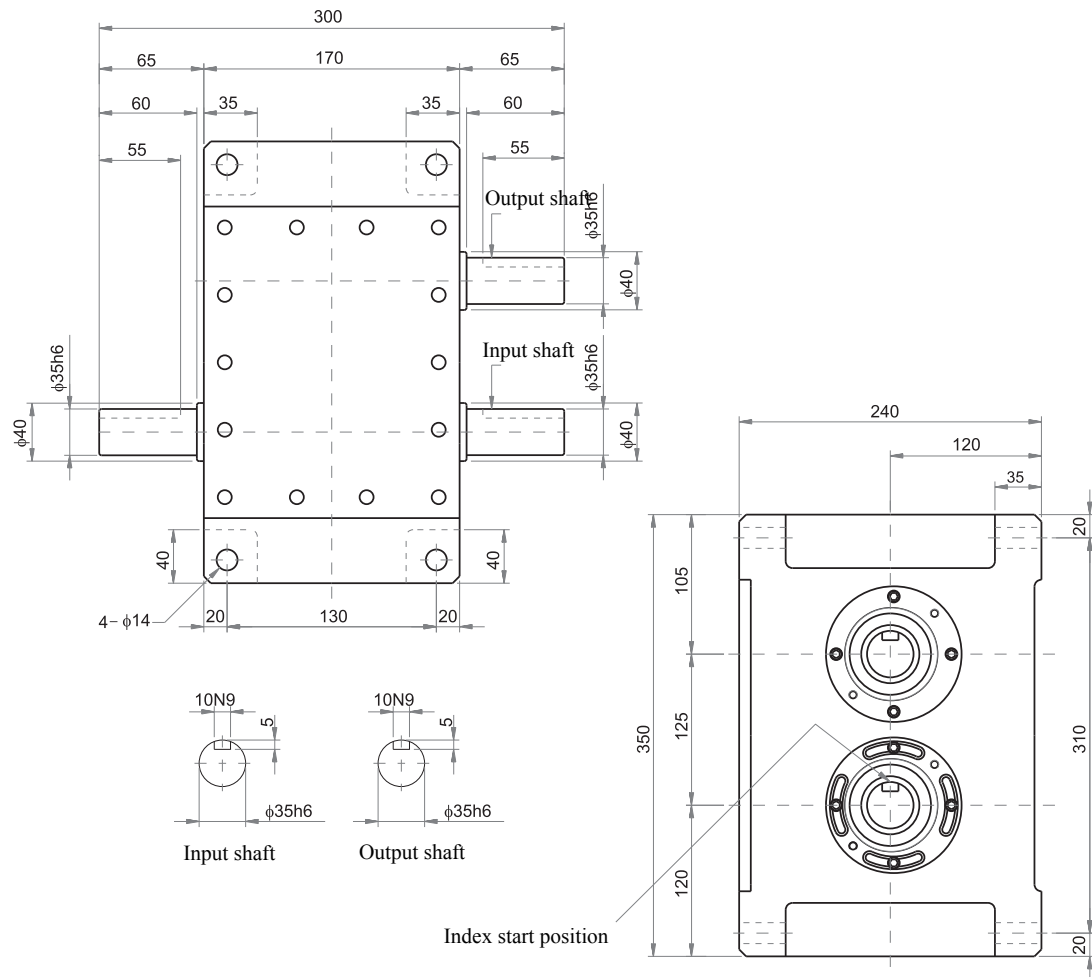
PU100



Technical Parameter

Item	Symbol	Unit	Value
Allowable thrust load on output shaft	P1	kgf	480
Allowable radial load on output shaft	P2	kgf	400
Allowable torque on output shaft	Ts	kgf-m	参照表 Refer torque table
Output shaft rotary rigid	K1	kgf-m/rad	3.3×10^{-3}
Input shaft allowable axial stress	P4	kgf	480
Allowable thrust load on input shaft	P5	kgf	400
Allowable torque	P6	kgf-m/rad	40
Input shaft rotary rigid	K2	sec	3.3×10^{-3}
1DWELL segmentation accuracy		sec	± 60
2DWELL segmentation accuracy		sec	± 120
Repeat positioning accuracy		sec	60
Weight		kg	约36

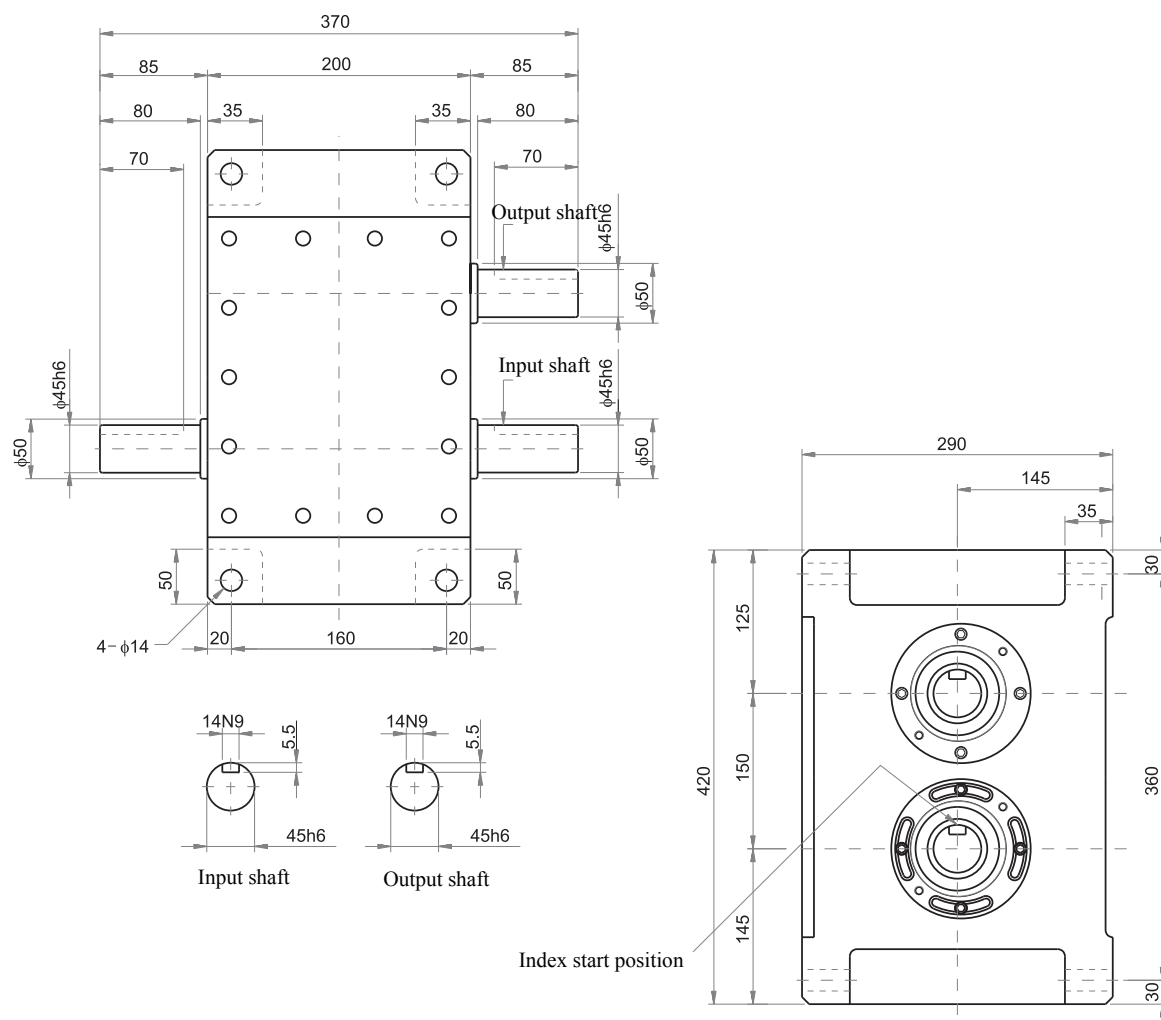
PU125



Technical Parameter

Item	Symbol	Unit	Value
Allowable thrust load on output shaft	P1	kgf	520
Allowable radial load on output shaft	P2	kgf	630
Allowable torque on output shaft	Ts	kgf-m	参照表 Refer torque table
Output shaft rotary rigid	K1	kgf-m/rad	5.1×10^{-3}
Input shaft allowable axial stress	P4	kgf	520
Allowable thrust load on input shaft	P5	kgf	630
Allowable torque	P6	kgf-m/rad	65
Input shaft rotary rigid	K2	sec	5.1×10^{-3}
1DWELL segmentation accuracy		sec	± 60
2DWELL segmentation accuracy		sec	± 120
Repeat positioning accuracy		sec	60
Weight		kg	约65

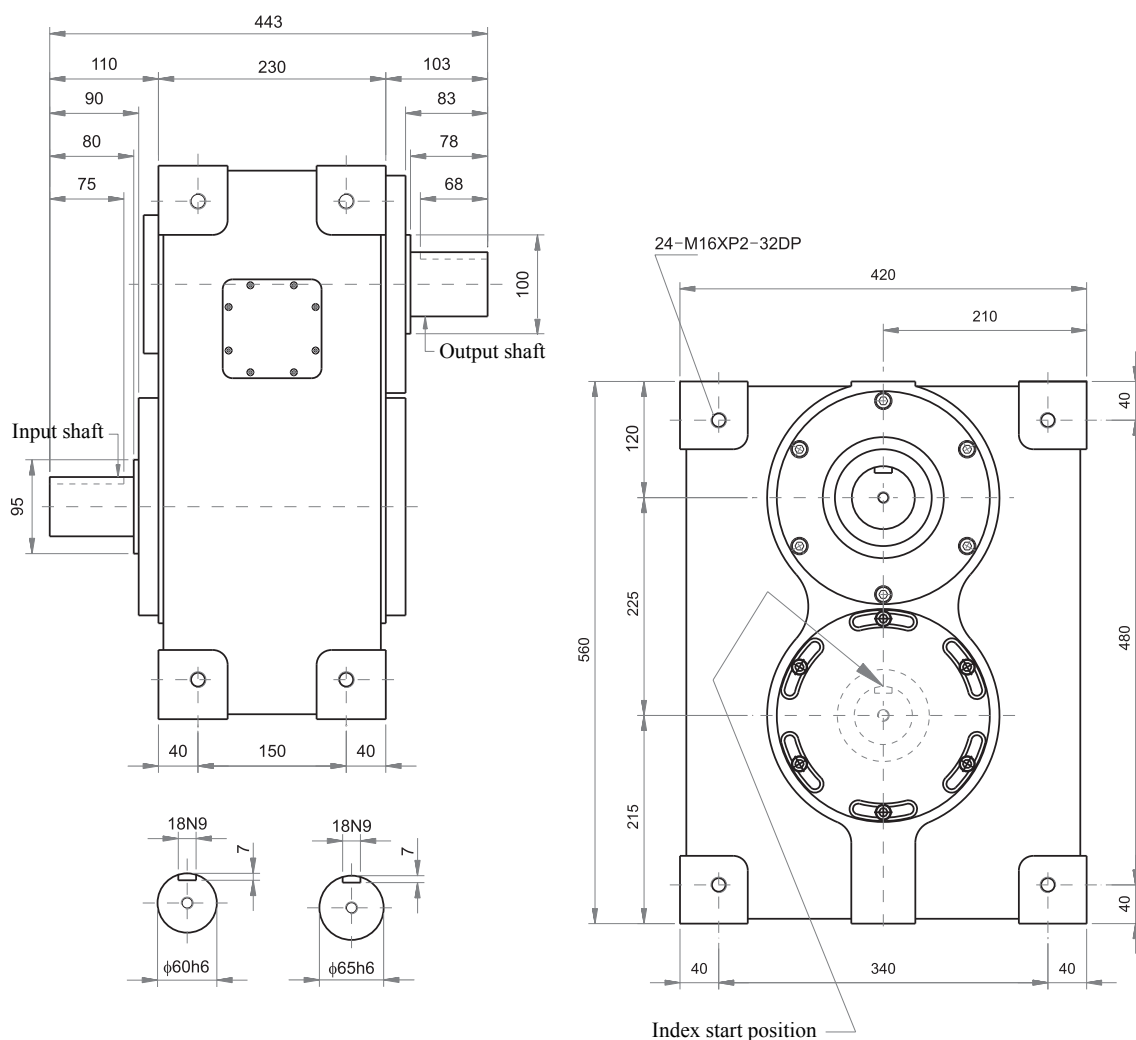
PU150



Technical Parameter

Item	Symbol	Unit	Value
Allowable thrust load on output shaft	P1	kgf	750
Allowable radial load on output shaft	P2	kgf	860
Allowable torque on output shaft	Ts	kgf-m	参照表 Refer torque table
Output shaft rotary rigid	K1	kgf-m/rad	1.8×10^4
Input shaft allowable axial stress	P4	kgf	750
Allowable thrust load on input shaft	P5	kgf	860
Allowable torque	P6	kgf-m/rad	65
Input shaft rotary rigid	K2	sec	1.8×10^4
1DWELL segmentation accuracy		sec	± 60
2DWELL segmentation accuracy		sec	± 120
Repeat positioning accuracy		sec	60
Weight		kg	约100 about 100

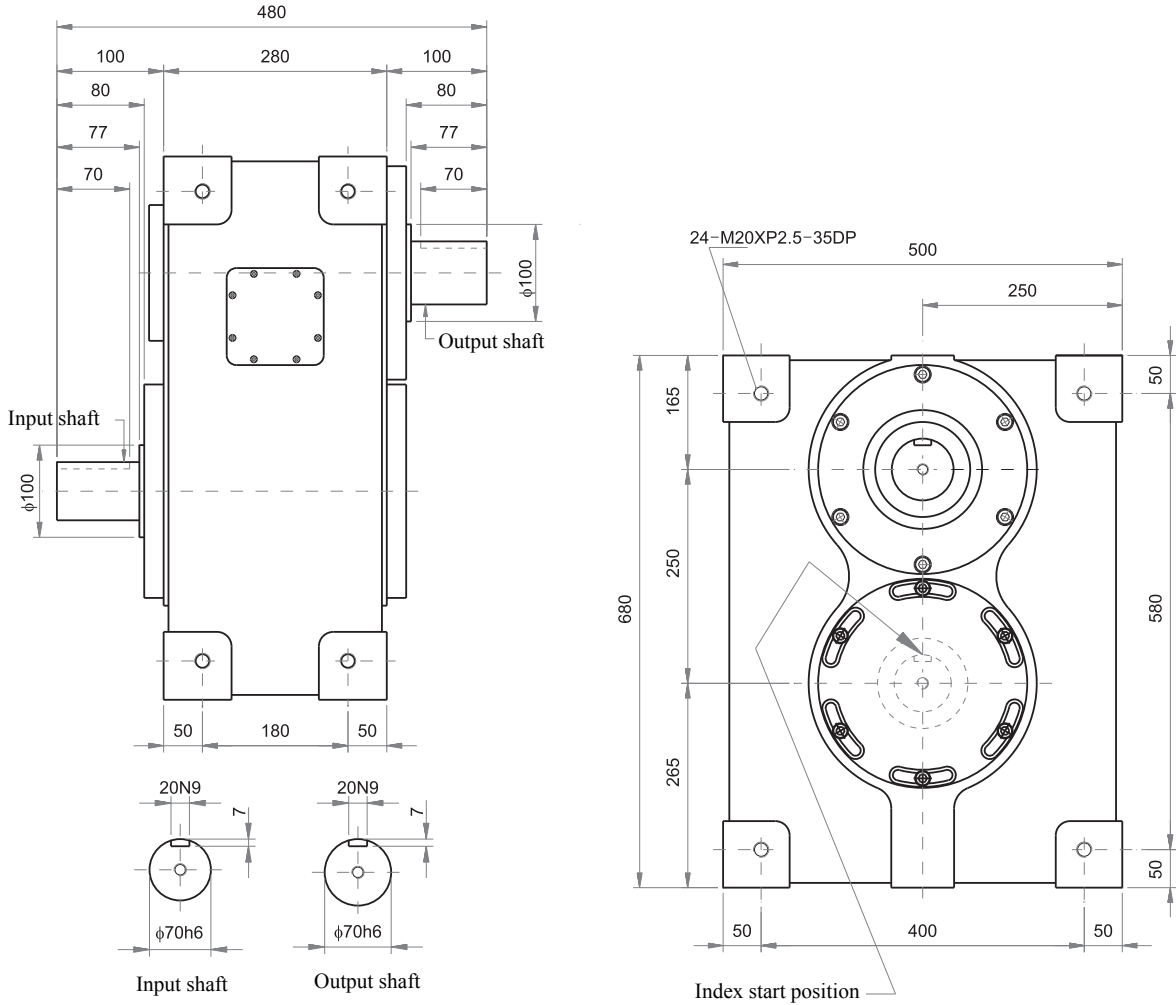
PU225



Technical Parameter

Item	Symbol	Unit	Value
Allowable thrust load on output shaft	P1	kgf	1435
Allowable radial load on output shaft	P2	kgf	1470
Allowable torque on output shaft	Ts	kgf-m	参照表
Output shaft rotary rigid	K1	kgf-m/rad	4.3×10^4
Input shaft allowable axial stress	P4	kgf	1435
Allowable thrust load on input shaft	P5	kgf	1470
Allowable torque	P6	kgf-m/rad	410
Input shaft rotary rigid	K2	sec	4.3×10^4
1DWELL segmentation accuracy		sec	± 60
2DWELL segmentation accuracy		sec	± 120
Repeat positioning accuracy		sec	60
Weight		kg	约285

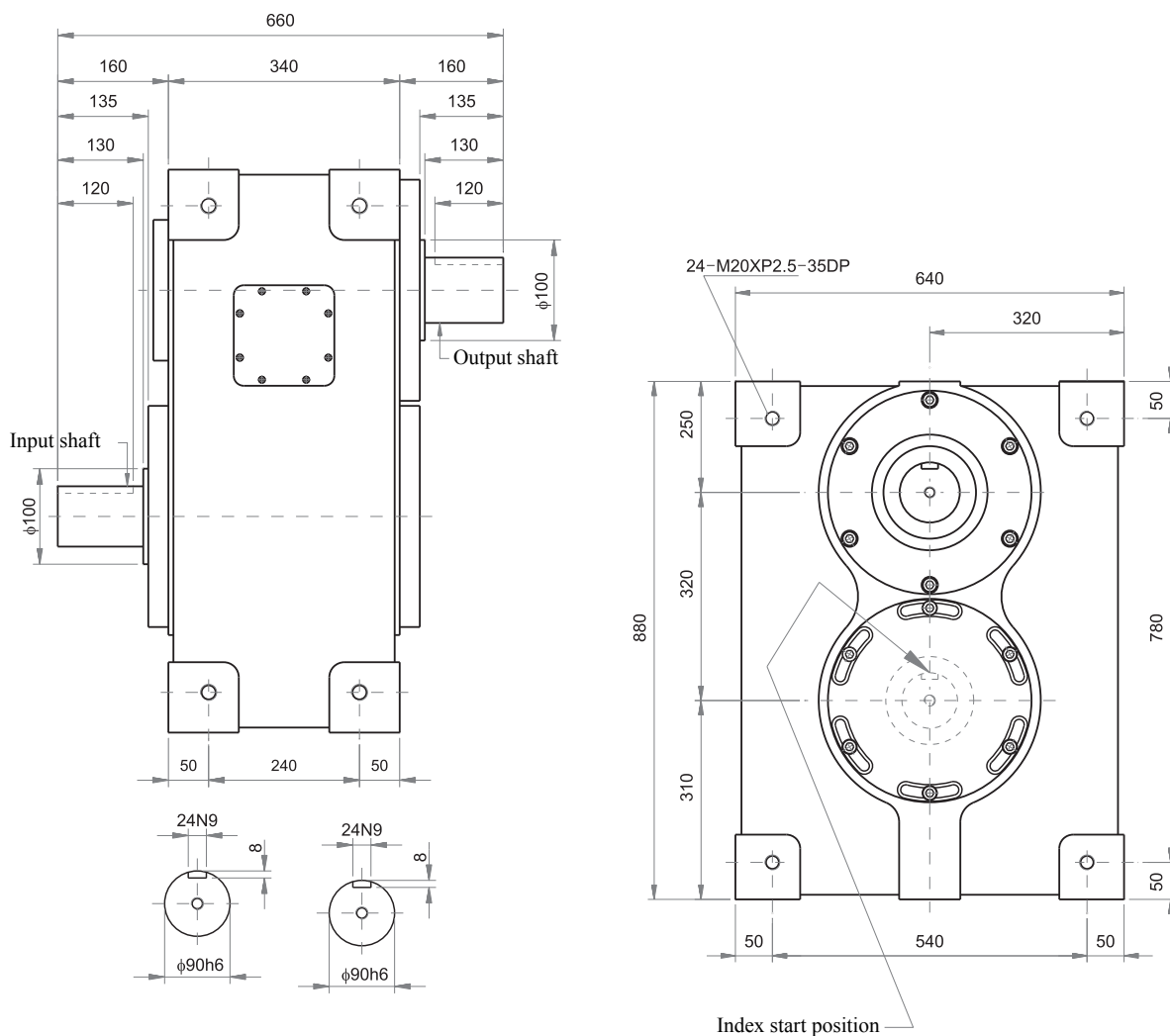
PU250



Technical Parameter

Item	Symbol	Unit	Value
Allowable thrust load on output shaft	P1	kgf	1550
Allowable radial load on output shaft	P2	kgf	1560
Allowable torque on output shaft	Ts	kgf-m	参照表
Output shaft rotary rigid	K1	kgf-m/rad	5.4×10^{-4}
Input shaft allowable axial stress	P4	kgf	1550
Allowable thrust load on input shaft	P5	kgf	2400
Allowable torque	P6	kgf-m/rad	500
Input shaft rotary rigid	K2	sec	5.4×10^{-4}
1DWELL segmentation accuracy		sec	± 60
2DWELL segmentation accuracy		sec	± 120
Repeat positioning accuracy		sec	60
Weight		kg	约350

PU320



Technical Parameter

Item	Symbol	Unit	Value
Allowable thrust load on output shaft	P1	kgf	2300
Allowable radial load on output shaft	P2	kgf	2400
Allowable torque on output shaft	Ts	kgf-m	参照表
Output shaft rotary rigid	K1	kgf-m/rad	1.1×10^5
Input shaft allowable axial stress	P4	kgf	2300
Allowable thrust load on input shaft	P5	kgf	4200
Allowable torque	P6	kgf-m/rad	1100
Input shaft rotary rigid	K2	sec	1.1×10^5
1DWELL segmentation accuracy		sec	± 60
2DWELL segmentation accuracy		sec	± 120
Repeat positioning accuracy		sec	60
Weight		kg	约750