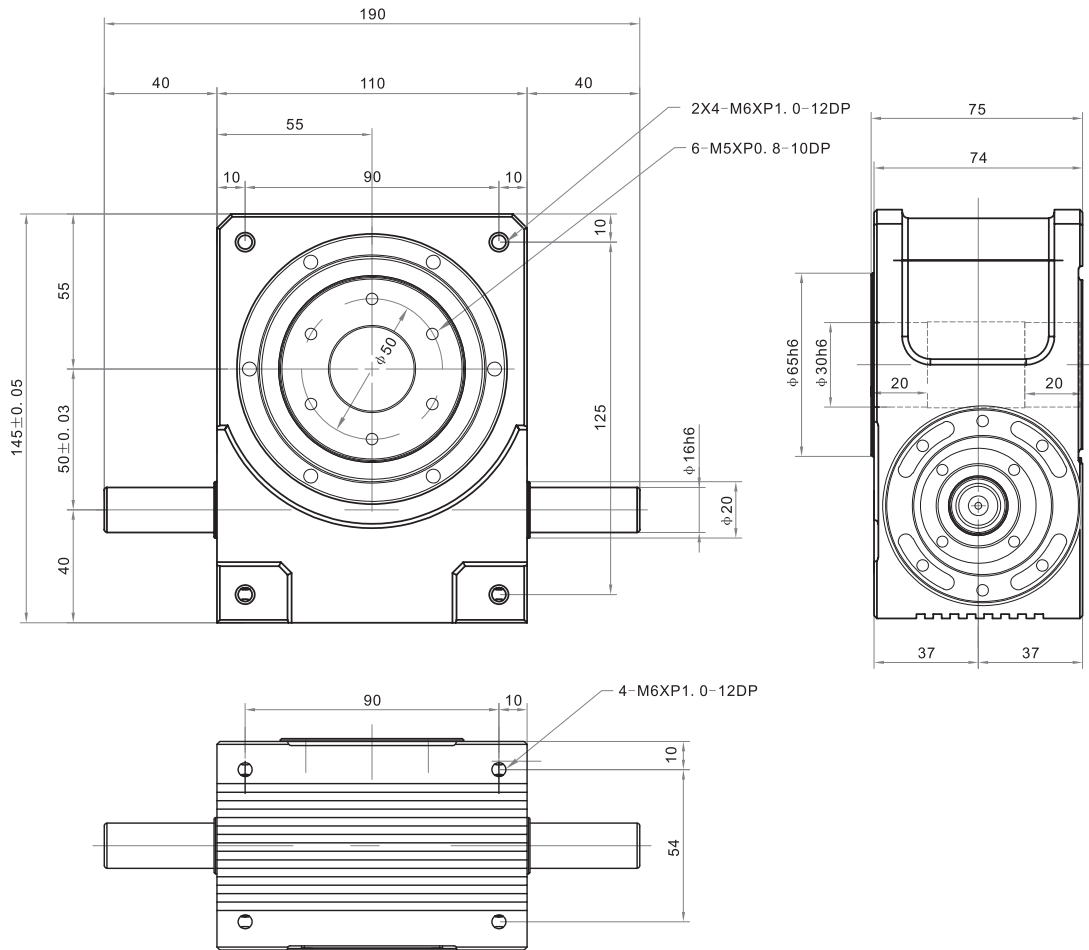


Table Model (80DT,110DT,140DT,180DT,250DT,350DT)



50DT



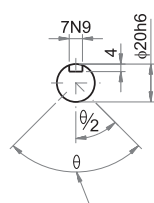
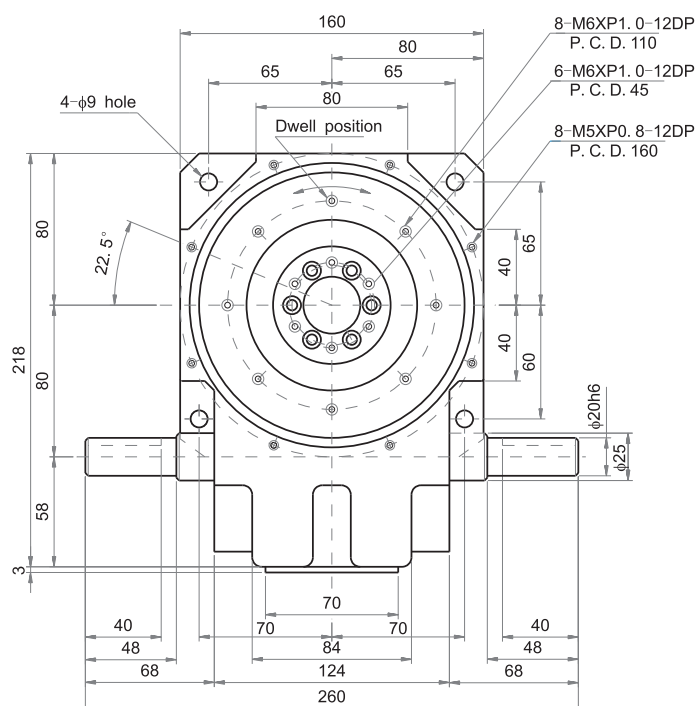
Technical Parameter

Items	Symbol	Unit	Value	Items	Symbol	Unit	Value	Items	Symbol	Unit	Value
Allowable thrust load on output shaft	C1	kgf	130	Allowable thrust load on input shaft	C3	kgf	85	GD2 of input shaft (Note1)	C6	kgf-m ²	3.2x10 ⁻⁴
Allowable radial load on output shaft	C2	kgf	140	Max. repetitive bending force on input shaft	C4	kgf	110	Indexing accuracy		sec.	±30
Allowable torque on output shaft	Ts	kgf-m	Refer torque table	Max. repetitive torque on input shaft	C5	kgf-m	4	Weight		kg	6.0

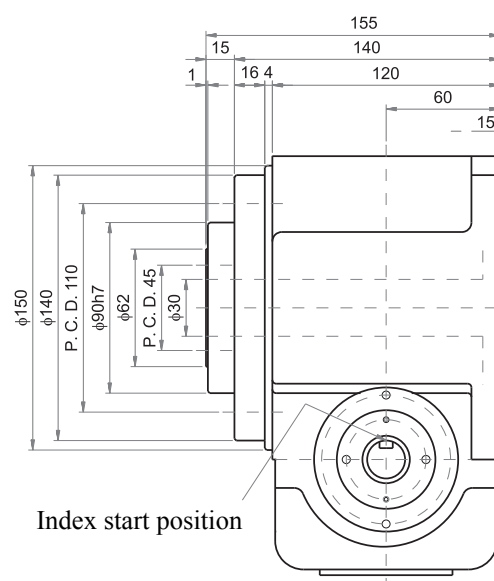
Note1:GD2 of input shaft is a value in dwell range.

Note2: Value of C1 to C5 are those obtained for safety factor=2.

80DT



Index Period
Input shaft



Index start position

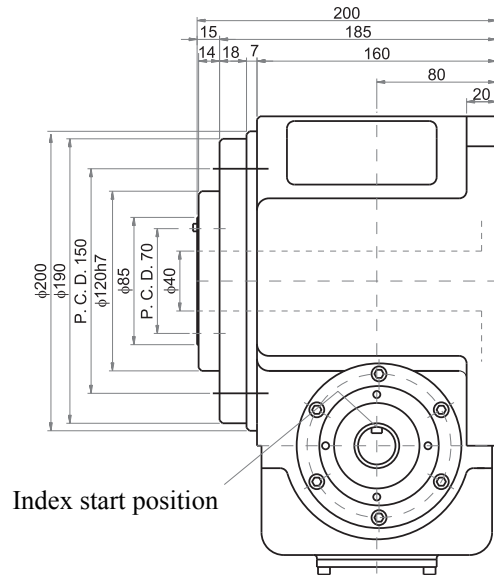
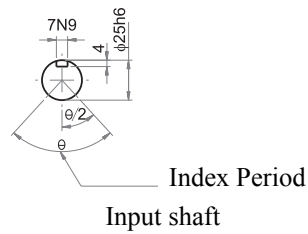
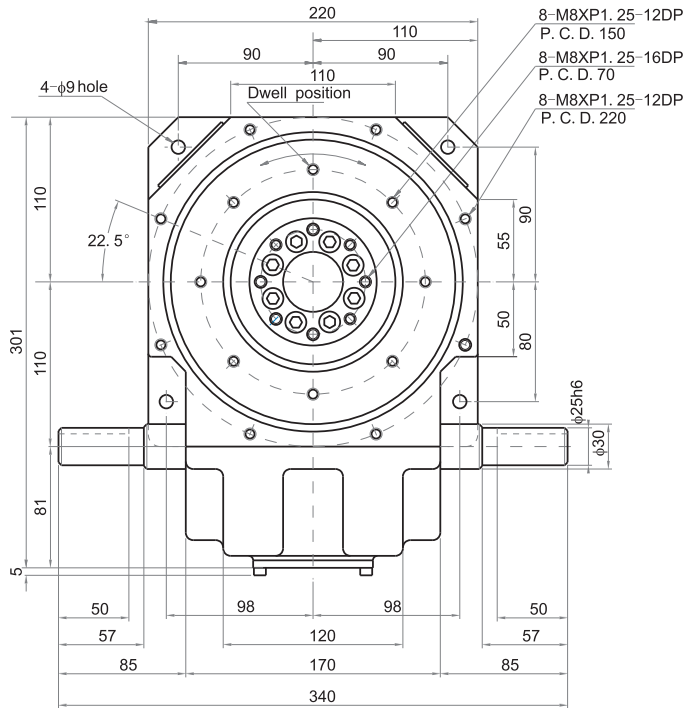
Technical Parameter

Items	Symbol	Unit	Value	Items	Symbol	Unit	Value	Items	Symbol	Unit	Value
Allowable thrust load on output shaft	C1	kgf	520	Allowable thrust load on input shaft	C3	kgf	220	GD2 of input shaft (Note1)	C6	kgf-m ²	0.03
Allowable radial load on output shaft	C2	kgf	220	Max. repetitive bending force on input shaft	C4	kgf	160	Indexing accuracy		sec.	±30
Allowable torque on output shaft	Ts	kgf-m	Refer torque table	Max. repetitive torque on input shaft	C5	kgf-m		Weight		kg	19

Note1:GD2 of input shaft is a value in dwell range.

Note2: Value of C1 to C5 are those obtained for safety factor=2.

110DT



Technical Parameter

Items	Symbol	Unit	Value	Items	Symbol	Unit	Value	Items	Symbol	Unit	Value
Allowable thrust load on output shaft	C1	kgf	860	Allowable thrust load on input shaft	C3	kgf	300	GD2 of input shaft (Note1)	C6	kgf-m ²	0.01
Allowable radial load on output shaft	C2	kgf	420	Max. repetitive bending force on input shaft	C4	kgf	250	Indexing accuracy		sec.	±30
Allowable torque on output shaft	Ts	kgf-m	Refer torque table	Max. repetitive torque on input shaft	C5	kgf-m	25	Weight		kg	50

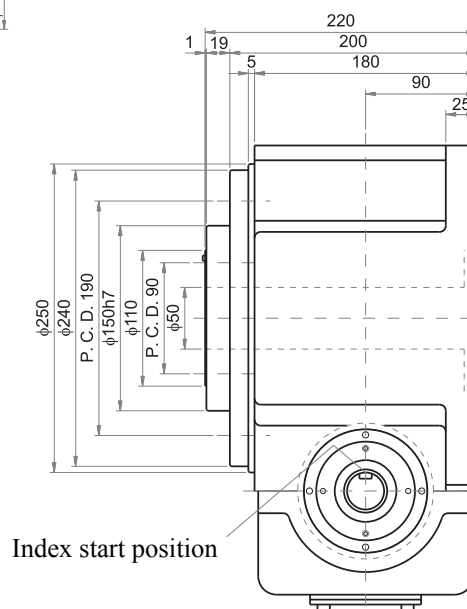
Note1: GD2 of input shaft is a value in dwell range.

Note2: Value of C1 to C5 are those obtained for safety factor=2.

Technical drawing of a motor flange (Fig. 1) showing dimensions and specifications. The drawing is a top view of a square flange with rounded corners and a central circular hub.

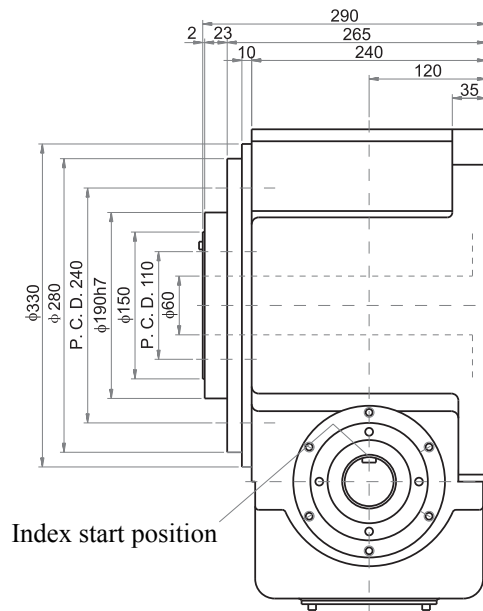
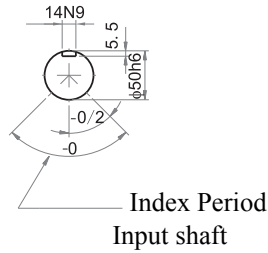
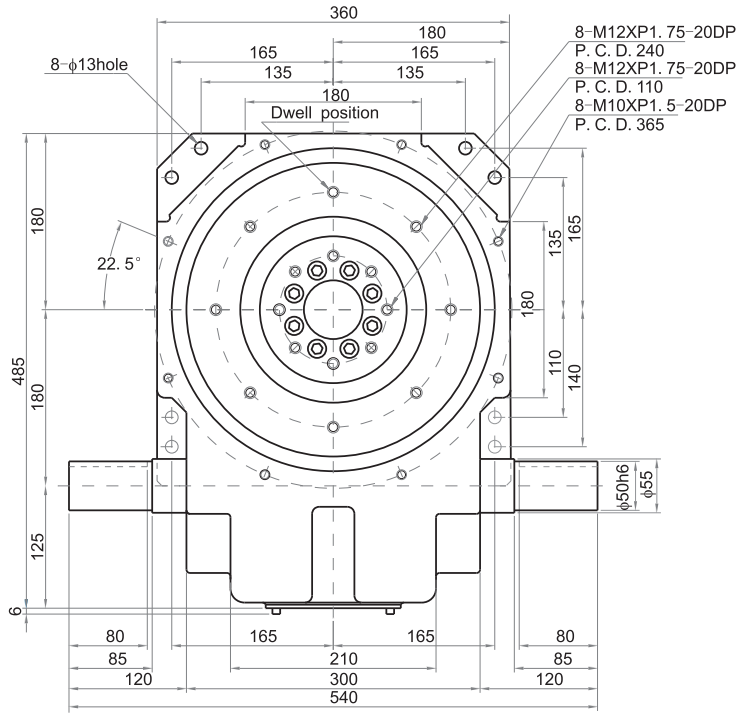
Dimensions:

- Overall width: 280
- Overall height: 372
- Inner square width: 140
- Inner square height: 125
- Outer square width: 125
- Outer square height: 110
- Flange thickness: 6
- Hub diameter: $\phi 30h6$
- Hub height: 35
- Hub diameter: $\phi 35$
- Hub height: 110
- Hub diameter: $\phi 40$
- Hub height: 85
- Hub diameter: $\phi 45$
- Hub height: 140
- Hub diameter: $\phi 50$
- Hub height: 110
- Hub diameter: $\phi 55$
- Hub height: 125
- Hub diameter: $\phi 60$
- Hub height: 140
- Hub diameter: $\phi 65$
- Hub height: 155
- Hub diameter: $\phi 70$
- Hub height: 167
- Hub diameter: $\phi 75$
- Hub height: 180
- Hub diameter: $\phi 80$
- Hub height: 192
- Hub diameter: $\phi 85$
- Hub height: 200
- Hub diameter: $\phi 90$
- Hub height: 210
- Hub diameter: $\phi 95$
- Hub height: 220
- Hub diameter: $\phi 100$
- Hub height: 230
- Hub diameter: $\phi 105$
- Hub height: 240
- Hub diameter: $\phi 110$
- Hub height: 250
- Hub diameter: $\phi 115$
- Hub height: 260
- Hub diameter: $\phi 120$
- Hub height: 270
- Hub diameter: $\phi 125$
- Hub height: 280
- Hub diameter: $\phi 130$
- Hub height: 290
- Hub diameter: $\phi 135$
- Hub height: 300
- Hub diameter: $\phi 140$
- Hub height: 310
- Hub diameter: $\phi 145$
- Hub height: 320
- Hub diameter: $\phi 150$
- Hub height: 330
- Hub diameter: $\phi 155$
- Hub height: 340
- Hub diameter: $\phi 160$
- Hub height: 350
- Hub diameter: $\phi 165$
- Hub height: 360
- Hub diameter: $\phi 170$
- Hub height: 370
- Hub diameter: $\phi 175$
- Hub height: 380
- Hub diameter: $\phi 180$
- Hub height: 390
- Hub diameter: $\phi 185$
- Hub height: 400
- Hub diameter: $\phi 190$
- Hub height: 410
- Hub diameter: $\phi 195$
- Hub height: 420
- Hub diameter: $\phi 200$
- Hub height: 430
- Hub diameter: $\phi 205$
- Hub height: 440
- Hub diameter: $\phi 210$
- Hub height: 450
- Hub diameter: $\phi 215$
- Hub height: 460
- Hub diameter: $\phi 220$
- Hub height: 470
- Hub diameter: $\phi 225$
- Hub height: 480
- Hub diameter: $\phi 230$
- Hub height: 490
- Hub diameter: $\phi 235$
- Hub height: 500
- Hub diameter: $\phi 240$
- Hub height: 510
- Hub diameter: $\phi 245$
- Hub height: 520
- Hub diameter: $\phi 250$
- Hub height: 530
- Hub diameter: $\phi 255$
- Hub height: 540
- Hub diameter: $\phi 260$
- Hub height: 550
- Hub diameter: $\phi 265$
- Hub height: 560
- Hub diameter: $\phi 270$
- Hub height: 570
- Hub diameter: $\phi 275$
- Hub height: 580
- Hub diameter: $\phi 280$
- Hub height: 590
- Hub diameter: $\phi 285$
- Hub height: 600
- Hub diameter: $\phi 290$
- Hub height: 610
- Hub diameter: $\phi 295$
- Hub height: 620
- Hub diameter: $\phi 300$
- Hub height: 630
- Hub diameter: $\phi 305$
- Hub height: 640
- Hub diameter: $\phi 310$
- Hub height: 650
- Hub diameter: $\phi 315$
- Hub height: 660
- Hub diameter: $\phi 320$
- Hub height: 670
- Hub diameter: $\phi 325$
- Hub height: 680
- Hub diameter: $\phi 330$
- Hub height: 690
- Hub diameter: $\phi 335$
- Hub height: 700
- Hub diameter: $\phi 340$
- Hub height: 710
- Hub diameter: $\phi 345$
- Hub height: 720
- Hub diameter: $\phi 350$
- Hub height: 730
- Hub diameter: $\phi 355$
- Hub height: 740
- Hub diameter: $\phi 360$
- Hub height: 750
- Hub diameter: $\phi 365$
- Hub height: 760
- Hub diameter: $\phi 370$
- Hub height: 770
- Hub diameter: $\phi 375$
- Hub height: 780
- Hub diameter: $\phi 380$
- Hub height: 790
- Hub diameter: $\phi 385$
- Hub height: 800
- Hub diameter: $\phi 390$
- Hub height: 810
- Hub diameter: $\phi 395$
- Hub height: 820
- Hub diameter: $\phi 400$
- Hub height: 830
- Hub diameter: $\phi 405$
- Hub height: 840
- Hub diameter: $\phi 410$
- Hub height: 850
- Hub diameter: $\phi 415$
- Hub height: 860
- Hub diameter: $\phi 420$
- Hub height: 870
- Hub diameter: $\phi 425$
- Hub height: 880
- Hub diameter: $\phi 430$
- Hub height: 890
- Hub diameter: $\phi 435$
- Hub height: 900
- Hub diameter: $\phi 440$
- Hub height: 910
- Hub diameter: $\phi 445$
- Hub height: 920
- Hub diameter: $\phi 450$
- Hub height: 930
- Hub diameter: $\phi 455$
- Hub height: 940
- Hub diameter: $\phi 460$
- Hub height: 950
- Hub diameter: $\phi 465$
- Hub height: 960
- Hub diameter: $\phi 470$
- Hub height: 970
- Hub diameter: $\phi 475$
- Hub height: 980
- Hub diameter: $\phi 480$
- Hub height: 990
- Hub diameter: $\phi 485$
- Hub height: 1000
- Hub diameter: $\phi 490$
- Hub height: 1010
- Hub diameter: $\phi 495$
- Hub height: 1020
- Hub diameter: $\phi 500$
- Hub height: 1030
- Hub diameter: $\phi 505$
- Hub height: 1040
- Hub diameter: $\phi 510$
- Hub height: 1050
- Hub diameter: $\phi 515$
- Hub height: 1060
- Hub diameter: $\phi 520$
- Hub height: 1070
- Hub diameter: $\phi 525$
- Hub height: 1080
- Hub diameter: $\phi 530$
- Hub height: 1090
- Hub diameter: $\phi 535$
- Hub height: 1100
- Hub diameter: $\phi 540$
- Hub height: 1110
- Hub diameter: $\phi 545$
- Hub height: 1120
- Hub diameter: $\phi 550$
- Hub height: 1130
- Hub diameter: $\phi 555$
- Hub height: 1140
- Hub diameter: $\phi 560$
- Hub height: 1150
- Hub diameter: $\phi 565$
- Hub height: 1160
- Hub diameter: $\phi 570$
- Hub height: 1170
- Hub diameter: $\phi 575$
- Hub height: 1180
- Hub diameter: $\phi 580$
- Hub height: 1190
- Hub diameter: $\phi 585$
- Hub height: 1200
- Hub diameter: $\phi 590$
- Hub height: 1210
- Hub diameter: $\phi 595$
- Hub height: 1220
- Hub diameter: $\phi 600$
- Hub height: 1230
- Hub diameter: $\phi 605$
- Hub height: 1240
- Hub diameter: $\phi 610$
- Hub height: 1250
- Hub diameter: $\phi 615$
- Hub height: 1260
- Hub diameter: $\phi 620$
- Hub height: 1270
- Hub diameter: $\phi 625$
- Hub height: 1280
- Hub diameter: $\phi 630$
- Hub height: 1290
- Hub diameter: $\phi 635$
- Hub height: 1300



55

180DT



Technical Parameter

Items	Symbol	Unit	Value	Items	Symbol	Unit	Value	Items	Symbol	Unit	Value
Allowable thrust load on output shaft	C1	kgf	1500	Allowable thrust load on input shaft	C3	kgf	1200	GD2 of input shaft (Note1)	C6	kgf-m ²	0.23
Allowable radial load on output shaft	C2	kgf	1100	Max. repetitive bending force on input shaft	C4	kgf	960	Indexing accuracy		sec.	±30
Allowable torque on output shaft	Ts	kgf-m	Refer torque table	Max. repetitive torque on input shaft	C5	kgf-m	220	Weight		kg	180

Note1: GD2 of input shaft is a value in dwell range.

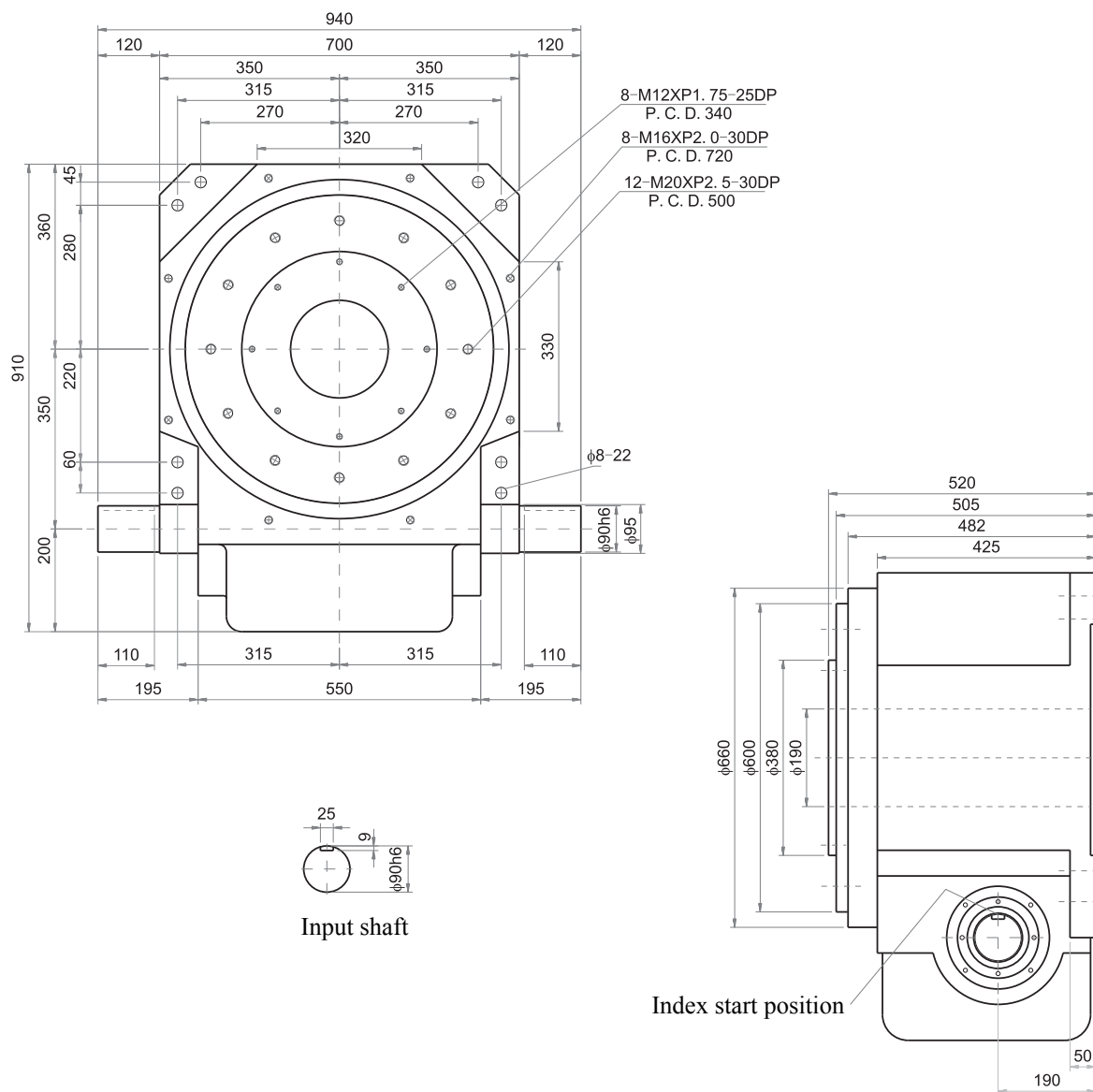
Note2: Value of C1 to C5 are those obtained for safety factor=2.

[illegible]

Items	Symbol	Unit	Value	Items	Symbol	Unit	Value	Items	Symbol	Unit	Value
Allowable thrust load on output shaft	C1	kgf	1900	Allowable thrust load on input shaft	C3	kgf	1600	GD2 of input shaft (Note1)	C6	kgf-m ²	0.5
Allowable radial load on output shaft	C2	kgf	1500	Max. repetitive bending force on input shaft	C4	kgf	1300	Indexing accuracy		sec.	± 30
Allowable torque on output shaft	Ts	kgf-m	Refer torque table	Max. repetitive torque on input shaft	C5	kgf-m	450	Weight		kg	450

Note2: Value of C1 to C5 are those obtained for safety factor=2.

350DT



Technical Parameter

Items	Symbol	Unit	Value	Items	Symbol	Unit	Value	Items	Symbol	Unit	Value
Allowable thrust load on output shaft	C1	kgf	4500	Allowable thrust load on input shaft	C3	kgf	2800	GD2 of input shaft (Note1)	C6	kgf-m ²	2.7
Allowable radial load on output shaft	C2	kgf	3300	Max. repetitive bending force on input shaft	C4	kgf	3800	Indexing accuracy		sec.	± 30
Allowable torque on output shaft	Ts	kgf-m	Refer torque table	Max. repetitive torque on input shaft	C5	kgf-m	1000	Weight		kg	1800

Note1:GD2 of input shaft is a value in dwell range.

Note2: Value of C1 to C5 are those obtained for safety factor=2.