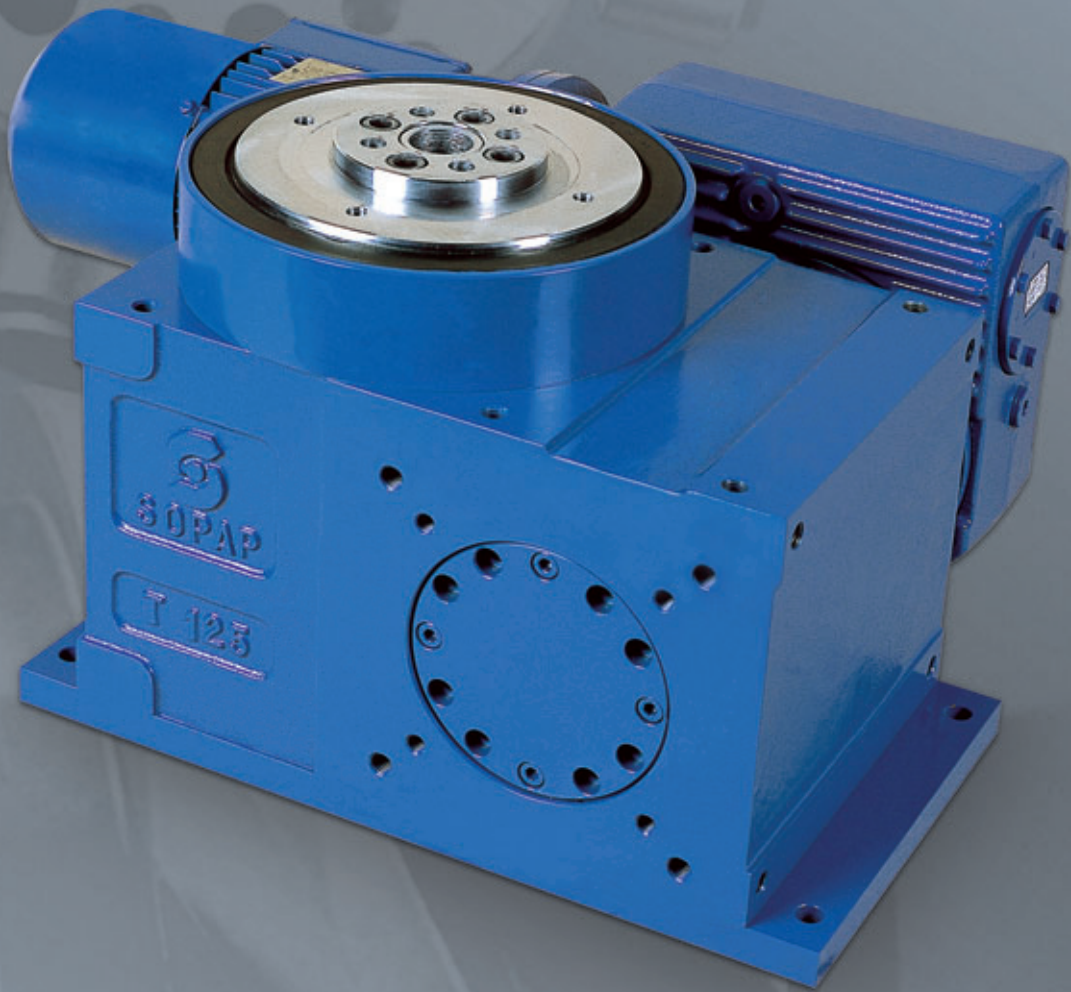


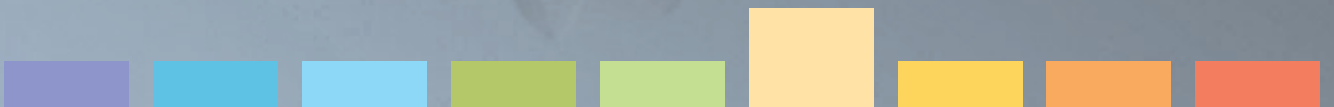
# Serie T



## SOPAP



T 80 - 315





# Serie T

## Technical characteristics

Size	80	100	125	160	200	250	315
Concentricity on diam. K without loading (mm)	0,02	0,02	0,02	0,02	0,02	0,02	0,02
Flatness on diam. K without loading (mm)	0,03	0,03	0,03	0,03	0,03	0,03	0,03
Max. allowable axial load output shaft <b>ABA</b> (daN)	700	750	1000	1100	1800	2500	3000
Max. allowable radial load output shaft <b>RBA</b> (daN)	500	600	1000	1250	2000	3000	3000
Max. allowable tilting torque output shaft <b>KMA</b> (daNm)	40	60	100	150	300	500	700
Additional fixed torque Mf1 (daNm)	1,7	2,5	3,2	5	6,5	8,7	12

Indexing accuracy  $\pm 0.02$  mm on Rs

Repeatability  $\pm 0.01$  mm on Rs

Loads input shaft	Active zone of cam		Size						
	1	2	80	100	125	160	200	250	315
	Number of stops								
Max. allowable axial load input shaft <b>ABE</b> (daN)	until 10	16	32	55	75	115	235	350	470
	12 to 16	24	25	29	45	50	115	160	335
	20 to 24		25	29	29	50	51	122	335
Max. allowable radial load input shaft <b>RBE</b> (daN)	until 10	16	160	275	380	575	1170	1765	2355
	12 to 16	24	140	145	240	255	590	800	1690
	20 to 24		140	140	145	255	255	605	1690
Max. allowable tilting torque input shaft <b>KME</b> (daNm)	until 10	16	15	26	26	62	122	163	336
	12 to 16	24	8	15	26	26	62	122	211
	20 to 24		8	15	15	26	26	211	211

<p><b>Indexing unit</b>  <b>Number of stops:</b>            2 - 3 - 4 - 5 - 6 - 9 - 10 -            12 - 16 - 20 - 24            Further numbers of stop on request</p>	<p><b>Oscillating unit</b>  <b>Angle of oscillation:</b>            15° - 20° - 30° - 45° - 60° -            75° - 90° - 120°            Further angles of oscillation on request</p>
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## Dimensions

Size	T 80			T 100			T 125			T 160			T 200			T 250			T 315		
aa	80			100			125			160			200			250			315		
b1	155			195			235			300			370			450			520		
c	235			290			355			455			565			690			770		
c1	25			25			35			40			60			60			60		
c2	15			15			20			20			25			25			25		
d	165			190			230			270			375			420			400		
e	33			43			57			45			50			50			5		
e1	-			-			-			28			32			27			-		
e2	-			-			-			66			70			65			-		
h	75			95			115			135			175			205			200		
i ± 0,5	200			235			290			320			435			480			410		
Ø j f7	160			190			240			310			390			390			350		
Ø k	120			150			190			240			300			300			300		
Ø k1	-			-			-			150			190			190			-		
Ø l1 f7	70			80			100			50			70			80			200		
Ø l2 f7	-			-			-			90			105			115			-		
m1 ± 0,1	80			95			120			155			195			250			225		
m2 ± 0,2	160			190			240			310			390			500			450		
n1	135			175			205			270			320			400			-		
n2	60			80			90			125			145			190			-		
n3	65			80			105			130			165			220			-		
o	60			75			95			130			165			220			200		
o1	170			210			255			320			410			480			555		
o2	95			110			140			175			235			270			285		
o3	285			340			425			535			685			810			890		
P	M10 x 20			M10 x 20			M12 x 20			M12 x 25			M16 x 30			M16 x 30			-		
N	4			4			4			6			6			6			4		
Q	M8 x 15			M10 x 16			M10 x 18			M12 x 22			M16 x 25			M16 x 25			M16 x 25		
Q2	-			-			-			M12 x 22			M16 x 22			M16 x 22			-		
Ø r	100			120			150			200			240			240			250		
Ø r1	-			-			-			120			160			160			-		
Ø S	8 x 15			10 x 16			10 x 18			12 x 22			16 x 25			16 x 25			20 x 30		
t	30			30			35			35			45			45			-		
u	110			135			180			215			300			345			-		
Ø v	11			11			13			13			18			18			22		
Ø w	15			20			30			40			60			70			70		
Ø w1	-			-			-			15			20			30			-		
x	83			98			123			158			198			253			230		
Weight (kg)	~ 35			~ 50			~ 75			~ 125			~ 230			~ 400			~ 650		
	*	**	***	*	**	***	*	**	***	*	**	***	*	**	***	*	**	***	*	**	***
f	40	40	40	50	40	40	60	50	40	80	50	50	110	80	50	110	110	80	140	110	110
☐ Ø d3 f6	19	19	19	24	19	19	28	24	19	35	24	24	48	35	24	55	42	35	65	55	42
y	M5	M5	M5	M6	M5	M5	M8	M6	M5	M10	M6	M6	M16	M10	M6	M16	M12	M10	M16	M16	M12
z	10	10	10	12	10	10	15	12	10	20	12	12	35	20	12	35	25	20	35	35	25

\* Until 10 stops

\*\* 12 to 16 stops

\*\*\* 20 to 24 stops

☐ from Ø 35 the tolerance becomes k6

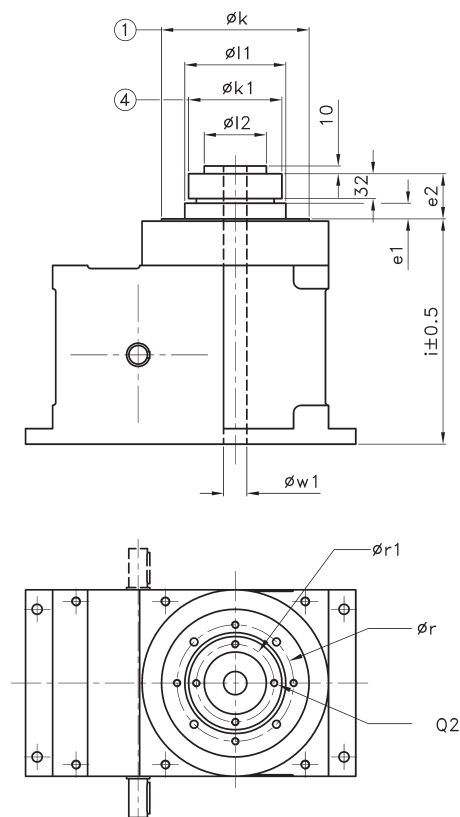
Dimensions for reducers and motors: please contact us



## Input shaft dimensions

$\varnothing d3$	14 <sup>j6</sup>	19 <sup>j6</sup>	24 <sup>j6</sup>	28 <sup>j6</sup>	35 <sup>k6</sup>	42 <sup>k6</sup>	48 <sup>k6</sup>	55 <sup>k6</sup>	65 <sup>k6</sup>
<b>f</b>	30	40	50	60	80	110	110	110	140
<b>v</b>	16	21,5	27	31	38	45	51,5	59	69
<b>w<sup>N9</sup></b>	5	6	8	8	10	12	14	16	18
<b>x</b>	25	30	40	50	70	100	100	100	125
<b>Y</b>	M4 x 10	M5 x 10	M6 x 12	M8 x 15	M10 x 20	M12 x 25	M16 x 35	M16 x 35	M16 x 35

### Option: Fixed central column





# SOPAP



SOPAP ensures quality and reliability



## France

SOPAP SAS  
Z.A.M Châlons Nord  
1 Rue des Vignettes  
F-51520 La Veuve

Téléphone: +33 (0) 3 26 69 21 21  
Télécopie: +33 (0) 3 26 69 21 31  
E.mail: info.fr@sopap.com

## Deutschland Süd

SOPAP GmbH  
Mittelöschstrasse 21  
D-88213 Ravensburg

Telefon: +49 (0) 751 9507  
Telefax: +49 (0) 751 92583  
E.mail: info-sued.de@sopap.com

## España

SOPAP Automatización S.L.  
%Las Cruces nº6 – Bajo C  
E-28230 Las Rozas  
Madrid

Teléfono: +34 91 636 01 39  
Teléfax: +34 91 636 02 64  
E.mail: info.es@sopap.com

## Benelux

ADR  
Solvayweg 18  
6049 CP Herten-Roermond  
Nederland

Telefoon: +31 475 337379  
Fax: +31 475 337444  
E.mail: info.nl@sopap.com

## Brasil

Triaxis  
Rua Bulgária, 215  
Vila Santa Luzia  
09871-100 Sao Bernardo do Campo

Telefone: +55 11 4361 4977  
Fax: +55 11 4361 9004  
E.mail: info.br@sopap.com

## Deutschland Mitte

Konstruktionsbüro Becker  
Hch. Von Brentanoweg 2  
D-64683 Einhausen

Telefon: +49 (0) 6251 856601  
Telefax: +49 (0) 6251 987701  
E.mail: info-mitte.de@sopap.com

## USA

SOPAP LLC  
560-A Brookshire Road  
29651 Greer  
South Carolina

Telephone: +1 864 801 1450  
Fax: +1 864 801 1460  
E.mail: info-sc.usa@sopap.com

## USA

Rudy V. Colombi  
2696 Red Fox Trail  
48098 Troy  
Michigan

Telephone: +1 248 840 2377  
Fax: +1 248 540 7535  
E.mail: info-mi.usa@sopap.com

## Canada

DOLYX trading inc.  
171 Nicholson Crt.  
L7N 3N5 Burlington  
Ontario

Telephone: +1 905 631 6615  
Fax: +1 905 631 6244  
E.mail: info-on.ca@sopap.com