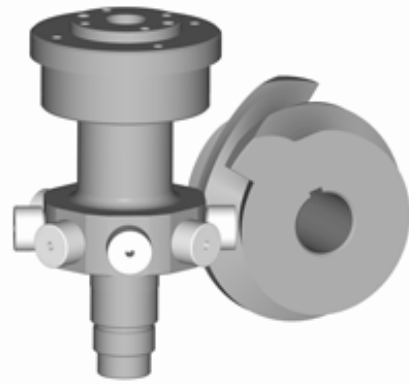


IMC's versatile **Roller Gear Index Drives** uses a **globoidal cam** in conjunction with followers mounted radially outward from the circumference of the follower wheel, much like the teeth of a gear. The **input shaft is perpendicular to the output shaft**. With this right angle configuration, it is possible to provide an **optional large through-hole** along the axis of the output shaft, or design a large output flange to accept dials (dial mounting). Large cam diameters relative to the output follower wheel allow for a **wide range of special motions**, short motion periods and a large output displacement for relatively smaller input displacement.



Roller Gear Index Drives provide:

- Compact Low Profile Design
- Flanged Output Capability for Dial Mounting Applications
- Through-Hole Capability (for electric and pneumatic lines or stationary center post)
- Motion Flexibility (special and complex motions) due to relatively large cam
- 2 to 24 Stop Range



### RDM Style: RDM, ED & Pinnacle

The RDM-style index drives are IMC's most popular product and are designed specifically for rotary table applications. Key features include:

- **Low profile housing**
- **Large center thru hole**, standard on all RDM and most ED models, facilitates passage of coolants, wiring or linkages to work area of dial.
- **Large output mounting surface** supported by a 4-point contact bearing offering superior thrust and moment capacity.
- **Precision, hardened cam** delivers zero backlash for indexing accuracy and reliability
- **Precision grade cam followers** assure indexing accuracy and repeatability with long life
- **Output dial supported by a 4-point contact bearing** which, with its streamlined profile and preload characteristics, offers superior performance in dial applications.
- **Optional Stationary Center Post** with thru hole provides mounting for upper tool plate.
- **Double extended camshaft** standard. Unit may be driven from either side of the unit in clockwise or counter clockwise direction.
- **Standard drive packages** with reducers and AC or DC motors and controls.
- **Optional output overload clutch** to protect your indexer.



In addition, the **Pinnacle Series** offers an optional patented **Internal Torque Limiting Clutch with External Adjustment**. This provides design and assembly flexibility and reduces critical debugging time. Also ideal in harsh environments.

### Applications

The RDM-Style index drive is ideal for **Dial Applications** in the assembly, welding, processing and packaging industries

## Roller Dial Index Drives: RD & Intermittor®

IMC Roller Dial Index Drives offer superior load capabilities making them ideal for medium to high torque applications. Other features include:

- **Short camshaft motion periods** due to oversized roller gear cam design are well-suited for continuous running applications or for special motion requirements such as oscillating motions.
- **Universal mounting** including a horizontal mounting ideal for trunion applications.
- **Option Center Thru-Hole** facilitates passage of coolants, wiring or linkage to work area of dial.
- **Optional Stationary Center Post** with Thru Hole provides mounting for upper tool plate.



## Applications

The RD and Intermittor Series Index Drives have a robust, flexible design with features ideal for continuous-running applications requiring complex motions.

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## Roller Gear Series: RGD, RGS, FD & Sentry

IMC's Roller Gear Series Index Drives are robust, versatile units suitable for a wide variety of applications. Roller Gear Index Drives feature:

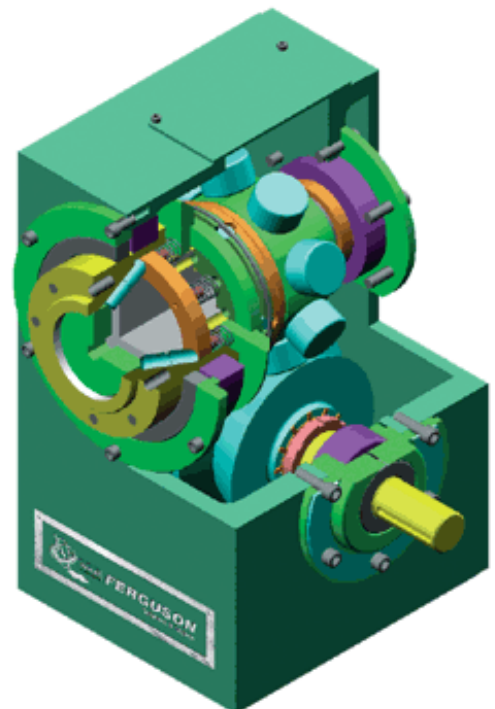


- **Flange or Shaft output** can be used with an indexing dial or with an inline transfer mechanism.
- **Universal Mounting:** The six machined mounting surfaces of Roller Gear Drive make it adaptable to most indexing applications.
- **Optional Thru Hole** in Flange versions facilitates passage of plumbing, wiring or linkage to work area of dial.
- **Short camshaft motion periods**, due to oversized cam design, are well-suited for continuous running applications or for special motion requirements such as oscillating motions.
- **Optional Double Extended Output** - allows auxiliary equipment to be driven from either side of unit at the same time.

## Sentry Series

In addition to the standard Roller Gear series features, the Sentry Series drives incorporate the patented **Internal Torque Limiter**, available only from IMC, as a standard feature. The advantages of the Internal Torque Limiter include:

- **Ideal for Harsh Environments.** Dusty, dirty, humid and washdown environments do not reduce indexer or machine performance due to the Sentry Series totally enclosed design.
- **Provides For Overload Protection.** The Sentry Series recognizes machine jams and disengages the drive. This reduces downtime, eliminates the need for costly spare parts, prolongs indexer life, improves output and increases productivity.
- **Reduces Assembly Time.** External clutches or torque limiters require an additional alignment operation and add overall tolerances to placement accuracy. With the addition of an Internal Torque Limiter, the time required for installation has been significantly reduced.
- **Self Lubricating.** The clutch is housed in an oil bath with no additional lubrication needed. An optional lubrication monitoring system signals host computers when oil is low or abnormally high in temperature.



# rotoblock index drive

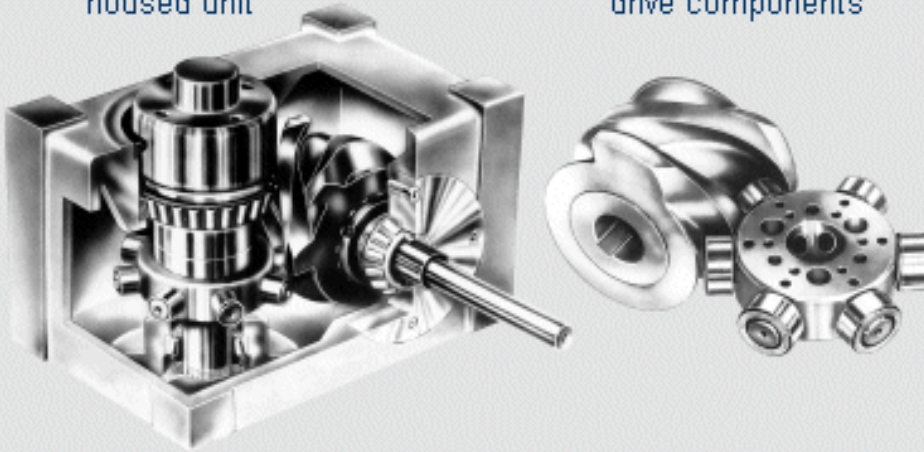
no. of stations

shaft position

1-6,8,10,12,16,20,24 cross wise

housed unit

drive components



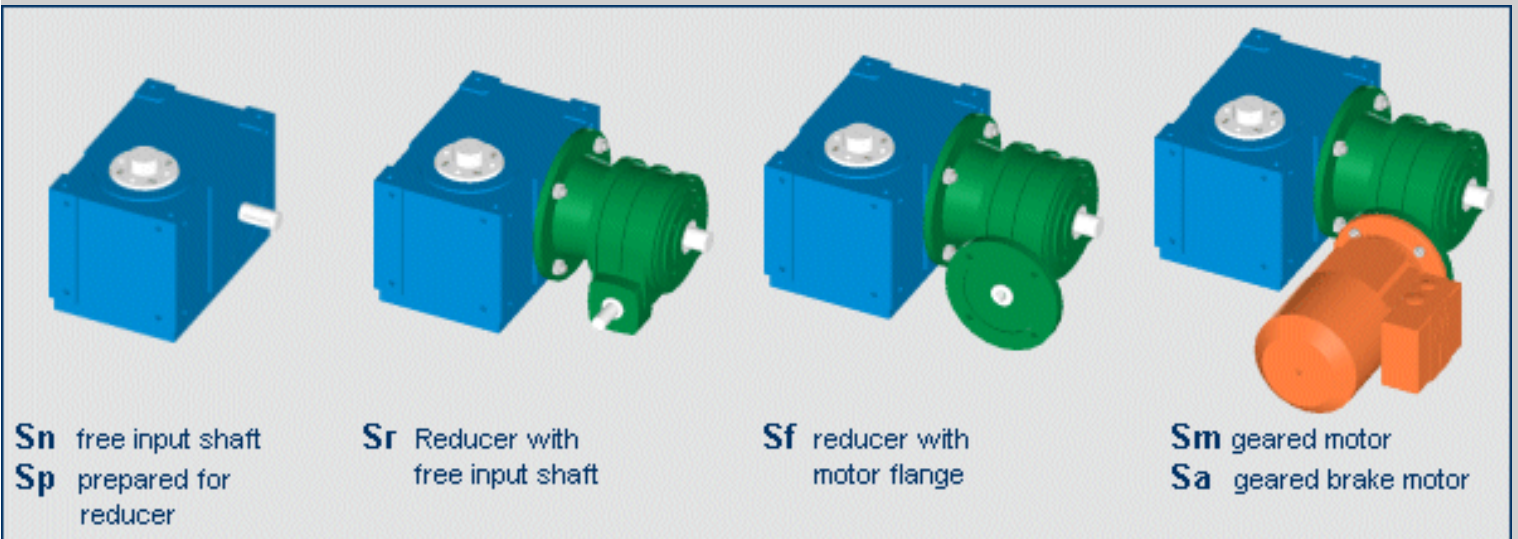
## globoid-cam drive

can be supplied in the housing and as drive components  
cams hardened and ground  
cast iron housing (processed on all sides)

Nm*	43	78	160	346	561	728	1031	2136	3636	6800
series	50	63	80	100	125	140	160	200	250	315

## Overview of construction series

\* The permissible torque is strongly dependent on the number of stations and index angle. (Specifications for 4 stations, index angle 270°)

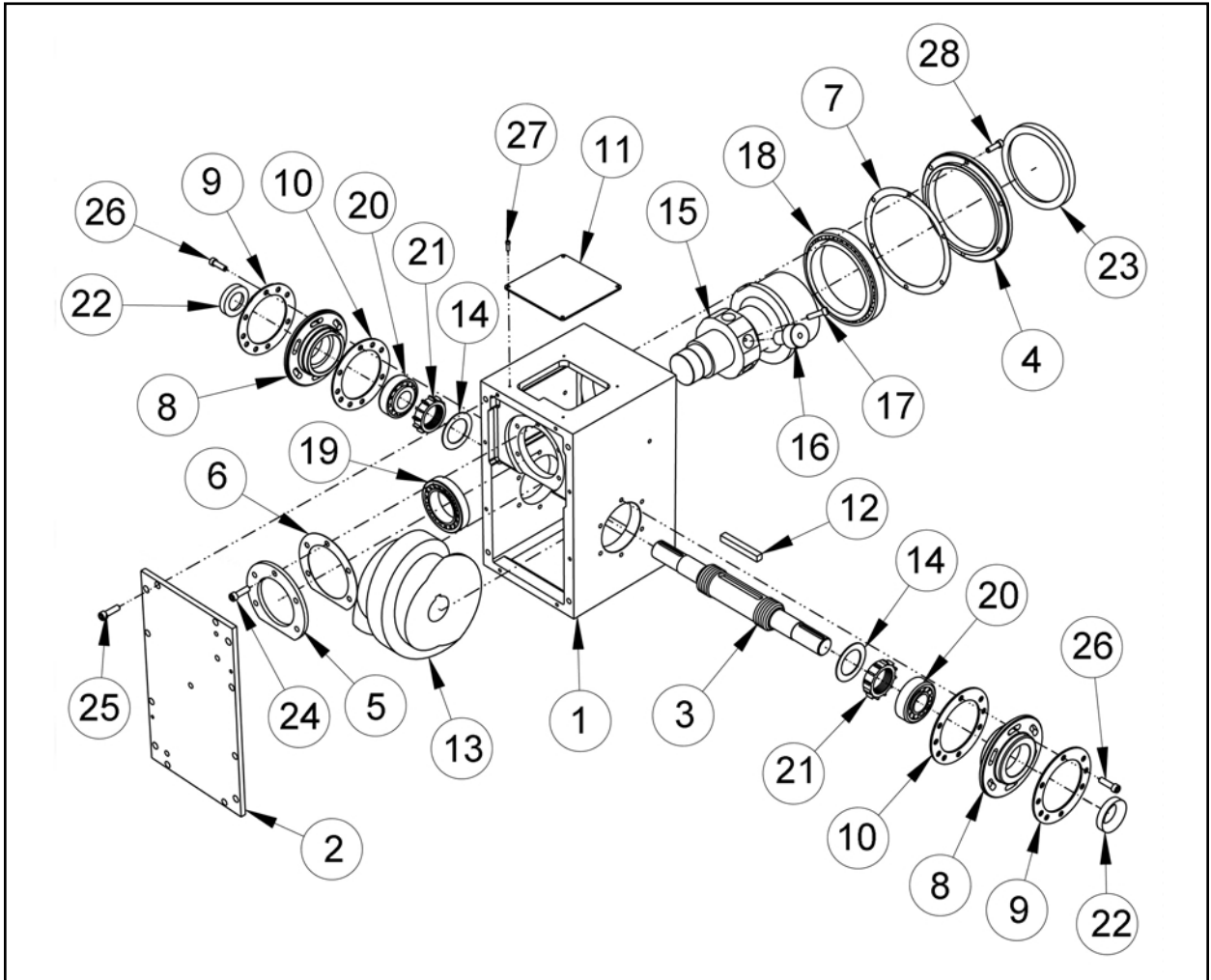


## Design of drives

All gears in the housing can be supplied with drives in various design standards. Worm gears or bevel gear units are applied as step-down gears. The applied three-phased current (braking) motors are products of the manufacturer SEW, Georgii Kobold und HEW.

The assembly of the drives on the stepping gear is possible in 8 different attachment positions.

The sketches contained in this document are for illustrative purposes only. They are intended to represent standard components and may not be shown to scale. The various models may be different than shown, depending upon options chosen or the particular configuration of a unit.



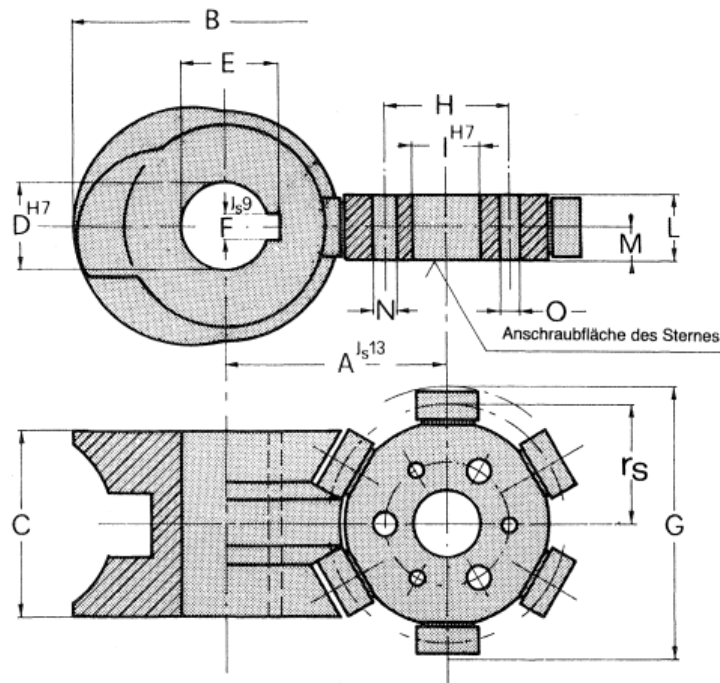
#### FD Series Parts List

- |                             |   |                        |
|-----------------------------|---|------------------------|
| 1. Housing                  | 11. Access cover                        | 20. Timken bearing     |
| 2. Cover                    | 12. Key                                 | 21. Locknut and washer |
| 3. Cover shaft              | 13. Cam                                 | 22. Oil seal           |
| 4. Output shaft bearing cap | 14. Cam spacer ring<br>(not all drives) | 23. Oil seal           |
| 5. Bearing clamp            | 15. Roller gear shaft                   | 24. Cap screw          |
| 6. Shims                    | 16. Cam follower                        | 25. Cap screw          |
| 7. Shims                    | 17. Set screw                           | 26. Cap screw          |
| 8. Open eccentric bushing   | 18. Timken bearing                      | 27. Cap screw          |
| 9. Eccentric bushing ring   | 19. Timken bearing                      | 28. Cap screw          |
| 10. Shims                   |   |                        |



## Abmessungen

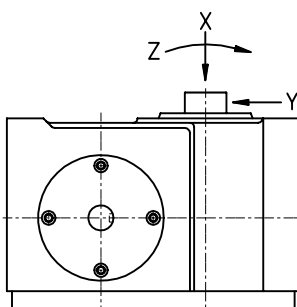
alle Darstellungen in der Mitte einer Rast



Typ	A	Kurve					Stern									
		ØB	C	ØD	E	F	ØG	ØH	ØI	L	M	n	N Ø	n	O Ø	r <sub>s</sub>
50- 1A 12T-330/23	50	70	38	17	19.3	5	59	32	15	20	10	3	4.3	3	3.5	24
50- 2A 12T-180/3	50	70	38	17	19.3	5	59	32	15	20	10	3	4.3	3	3.5	24
50- 2A 12T-210/3	50	70	38	17	19.3	5	59	32	15	20	10	3	4.3	3	3.5	24
50- 2A 14T-240/3	50	66	38	17	19.3	5	66	32	15	20	10	3	4.3	3	3.5	27
50- 2A 14T-270/3	50	66	38	17	19.3	5	66	32	15	20	10	3	4.3	3	3.5	27
50- 2A 14T-300/3	50	66	38	17	19.3	5	66	32	15	20	10	3	4.3	3	3.5	27
50- 3A 12T-120/3	50	70	38	17	19.3	5	59	32	15	20	10	3	4.3	3	3.5	24
50- 3A 12T-150/3	50	70	38	17	19.3	5	59	32	15	20	10	3	4.3	3	3.5	24
50- 3A 14T-180/3	50	66	38	17	19.3	5	66	32	15	20	10	3	4.3	3	3.5	27
50- 3A 14T-210/3	50	66	38	17	19.3	5	66	32	15	20	10	3	4.3	3	3.5	27
50- 3A 14T-240/3	50	66	38	17	19.3	5	66	32	15	20	10	3	4.3	3	3.5	27
50- 3A 14T-270/3	50	66	38	17	19.3	5	66	32	15	20	10	3	4.3	3	3.5	27
50- 4A 12T-210/2	50	56	38	17	19.3	5	67	32	15	20	10	4	4.3	4	3.5	28
50- 4A 12T-240/2	50	56	38	17	19.3	5	67	32	15	20	10	4	4.3	4	3.5	28
50- 4A 12T-270/2	50	56	38	17	19.3	5	67	32	15	20	10	4	4.3	4	3.5	28
50- 4A 12T-315/3	50	56	38	17	19.3	5	67	32	15	20	10	4	4.3	4	3.5	28
50- 6A 12T- 90/1	50	70	38	17	19.3	5	59	32	15	20	10	3	4.3	3	3.5	24
50- 6A 12T-120/1	50	70	38	17	19.3	5	59	32	15	20	10	3	4.3	3	3.5	24
50- 6A 14T-150/1	50	66	38	17	19.3	5	66	32	15	20	10	3	4.3	3	3.5	27
50- 6A 14T-180/1	50	66	38	17	19.3	5	66	32	15	20	10	3	4.3	3	3.5	27
50- 6A 14T-210/1	50	66	38	17	19.3	5	66	32	15	20	10	3	4.3	3	3.5	27
50- 6A 14T-240/1	50	66	38	17	19.3	5	66	32	15	20	10	3	4.3	3	3.5	27
50- 6A 14T-270/1	50	66	38	17	19.3	5	66	32	15	20	10	3	4.3	3	3.5	27
50- 8A 12T-210/1	50	56	38	17	19.3	5	67	32	15	20	10	4	4.3	4	3.5	28
50- 8A 12T-240/1	50	56	38	17	19.3	5	67	32	15	20	10	4	4.3	4	3.5	28
50- 8A 12T-270/1	50	56	38	17	19.3	5	67	32	15	20	10	4	4.3	4	3.5	28
50-10A 12T-180/1	50	50	38	17	19.3	5	67	32	15	20	10	5	4.3	5	3.5	28
50-10A 12T-210/1	50	50	38	17	19.3	5	67	32	15	20	10	5	4.3	5	3.5	28
50-10A 12T-240/1	50	50	38	17	19.3	5	67	32	15	20	10	5	4.3	5	3.5	28
50-10A 12T-270/1	50	50	38	17	19.3	5	67	32	15	20	10	5	4.3	5	3.5	28

## zulässige Belastungen

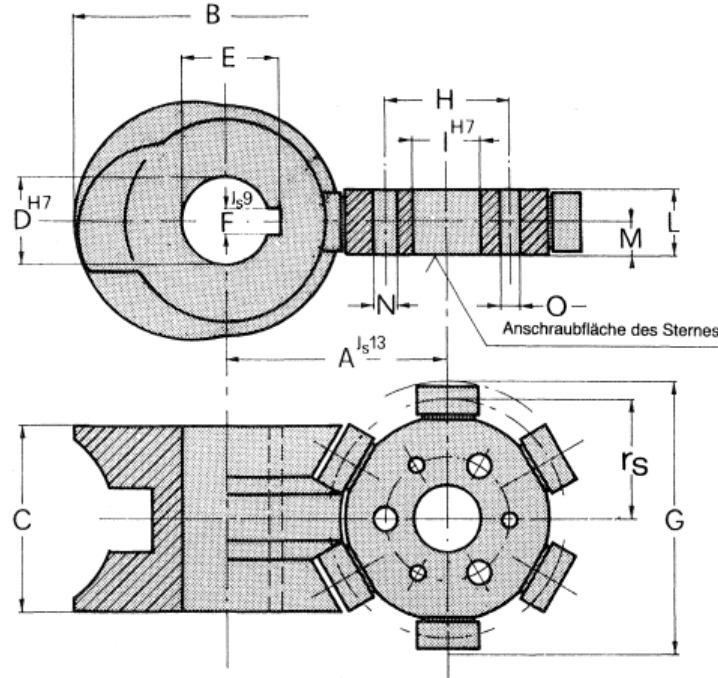
Stationen	Schaltwinkel	$M_{stat}$ zulässiges statisches Abtriebsmoment in Nm	$M_{dyn}$ zulässiges dynamisches Abtriebsmoment in Nm					
			50 min <sup>-1</sup>	100 min <sup>-1</sup>	200 min <sup>-1</sup>	350 min <sup>-1</sup>	500 min <sup>-1</sup>	800 min <sup>-1</sup>
<b>1</b> (360° pro Schritt)	<b>330</b>	29	29	28	22	19	16	14
<b>2</b> (180° pro Schritt)	<b>180</b>	30	30	29	26	21	16	16
	<b>210</b>	32	32	32	27	22	19	17
	<b>240</b>	50	50	50	42	35	30	26
	<b>270</b>	53	53	53	43	36	31	27
	<b>300</b>	55	55	54	44	37	32	28
<b>3</b> (120° pro Schritt)	<b>120</b>	30	30	29	29	24	20	17
	<b>150</b>	33	33	33	30	26	22	19
	<b>180</b>	53	53	53	49	41	35	31
	<b>210</b>	57	57	57	50	42	36	32
	<b>240</b>	60	60	60	50	43	37	32
	<b>270</b>	62	62	62	51	43	37	33
<b>4</b> (90° pro Schritt)	<b>210</b>	38	38	37	30	25	22	19
	<b>240</b>	41	41	37	30	26	22	19
	<b>270</b>	43	43	38	31	26	22	20
	<b>315</b>	48	48	48	41	34	30	26
<b>6</b> (60° pro Schritt)	<b>90</b>	29	29	29	23	19	17	14
	<b>120</b>	34	34	31	25	21	18	16
	<b>150</b>	54	54	49	40	34	29	26
	<b>180</b>	59	59	50	41	34	30	27
	<b>210</b>	62	62	51	41	35	30	27
	<b>240</b>	64	62	51	41	35	30	27
	<b>270</b>	66	62	50	41	34	30	27
<b>8</b> (45° pro Schritt)	<b>120</b>	39	39	39	33	27	24	21
	<b>150</b>	42	42	41	34	28	25	22
	<b>180</b>	45	45	42	34	28	25	22
	<b>210</b>	47	47	41	34	28	25	22
	<b>240</b>	48	48	41	33	28	24	22
	<b>270</b>	49	49	40	33	28	24	21
<b>10</b> (36° pro Schritt)	<b>180</b>	47	47	47	38	32	28	25
	<b>210</b>	49	49	46	37	32	28	24
	<b>240</b>	50	50	45	37	31	27	24
	<b>270</b>	50	50	44	36	30	26	24



zulässige Kräfte auf die Abtriebswelle		
X	Y	Z
+ 2200 N -2500 N	2600 N	150 Nm

## Abmessungen

alle Darstellungen in der Mitte einer Rast



Typ	A	Kurve					Stern									
		ØB	C	ØD	E	F	ØG	ØH	ØI	L	M	n	N Ø	n	O Ø	rs
63- 1A 14T-330/23	63	88	60	25	28.3	8	70	40	20	20	10	3	5.3	3	4.5	29
63- 2A 14T-180/3	63	68	60	25	28.3	8	70	40	20	20	10	3	5.3	3	4.5	29
63- 2A 16T-210/3	63	88	60	25	28.3	8	77	40	20	20	10	3	5.3	3	4.5	31
63- 2A 16T-240/3	63	88	60	25	28.3	8	77	40	20	20	10	3	5.3	3	4.5	31
63- 2A 16T-270/3	63	88	60	25	28.3	8	77	40	20	20	10	3	5.3	3	4.5	31
63- 2A 16T-300/3	63	88	60	25	28.3	8	77	40	20	20	10	3	5.3	3	4.5	31
63- 3A 14T-120/3	63	88	60	25	28.3	8	70	40	20	20	10	3	5.3	3	4.5	29
63- 3A 16T-150/3	63	88	60	25	28.3	8	77	40	20	20	10	3	5.3	3	4.5	31
63- 3A 16T-180/3	63	88	60	25	28.3	8	77	40	20	20	10	3	5.3	3	4.5	31
63- 3A 16T-210/3	63	88	60	25	28.3	8	77	40	20	20	10	3	5.3	3	4.5	31
63- 3A 16T-240/3	63	88	60	25	28.3	8	77	40	20	20	10	3	5.3	3	4.5	31
63- 3A 16T-270/3	63	88	60	25	28.3	8	77	40	20	20	10	3	5.3	3	4.5	31
63- 4A 12T-120/3	63	76	52	25	28.3	8	75	40	20	20	10	4	5.3	4	4.5	32
63- 4A 14T-150/3	63	68	56	25	28.3	8	82	40	20	20	10	4	5.3	4	4.5	35
63- 4A 14T-180/2	63	68	56	25	28.3	8	82	40	20	20	10	4	5.3	4	4.5	35
63- 4A 14T-210/2	63	68	56	25	28.3	8	82	40	20	20	10	4	5.3	4	4.5	35
63- 4A 14T-240/2	63	68	56	25	28.3	8	82	40	20	20	10	4	5.3	4	4.5	35
63- 4A 14T-270/2	63	68	56	25	28.3	8	82	40	20	20	10	4	5.3	4	4.5	35
63- 4A 14T-315/3	63	68	56	25	28.3	8	82	40	20	20	10	4	5.3	4	4.5	35
63- 5A 12T-180/2	63	64	48	25	28.3	8	82	40	20	20	10	5	5.3	5	4.5	36
63- 5A 12T-210/1	63	64	48	25	28.3	8	82	40	20	20	10	5	5.3	5	4.5	36
63- 5A 12T-240/1	63	64	48	25	28.3	8	82	40	20	20	10	5	5.3	5	4.5	36
63- 5A 12T-270/1	63	64	48	25	28.3	8	82	40	20	20	10	5	5.3	5	4.5	36
63- 6A 14T- 90/1	63	88	60	25	28.3	8	70	40	20	20	10	3	5.3	3	4.5	29
63- 6A 16T-120/1	63	88	60	25	28.3	8	77	40	20	20	10	3	5.3	3	4.5	31
63- 6A 16T-150/1	63	88	60	25	28.3	8	77	40	20	20	10	3	5.3	3	4.5	31
63- 6A 16T-180/1	63	88	60	25	28.3	8	77	40	20	20	10	3	5.3	3	4.5	31
63- 6A 16T-210/1	63	88	60	25	28.3	8	77	40	20	20	10	3	5.3	3	4.5	31
63- 6A 16T-240/1	63	88	60	25	28.3	8	77	40	20	20	10	3	5.3	3	4.5	31
63- 6A 16T-270/1	63	88	60	25	28.3	8	77	40	20	20	10	3	5.3	3	4.5	J1
63- 8A 12T- 90/1	63	76	52	25	28.3	8	75	40	20	20	10	4	5.3	4	4.5	32
63- 8A 14T-120/1	63	68	56	25	28.3	8	82	40	20	20	10	4	5.3	4	4.5	35
63- 8A 14T-150/1	63	68	56	25	28.3	8	82	40	20	20	10	4	5.3	4	4.5	35
63- 8A 14T-180/1	63	68	56	25	28.3	8	82	40	20	20	10	4	5.3	4	4.5	35
63- 8A 14T-210/1	63	68	56	25	28.3	8	82	40	20	20	10	4	5.3	4	4.5	35
63- 8A 14T-240/1	63	68	56	25	28.3	8	82	40	20	20	10	4	5.3	4	4.5	35
63- 8A 14T-270/1	63	68	56	25	28.3	8	82	40	20	20	10	4	5.3	4	4.5	35



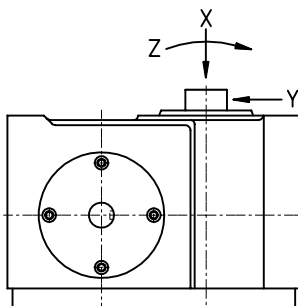


## zulässige Belastungen

Stationen	Schaltwinkel	$M_{stat}$ zulässiges statisches Abtriebsmoment in Nm	$M_{dyn}$ zulässiges dynamisches Abtriebsmoment in Nm					
			50 min <sup>-1</sup>	100 min <sup>-1</sup>	200 min <sup>-1</sup>	350 min <sup>-1</sup>	500 min <sup>-1</sup>	800 min <sup>-1</sup>
<b>1</b> (360° pro Schritt)	<b>330</b>	124	124	104	84	70	60	50
	<b>180</b>	126	126	118	96	8C	67	56
<b>2</b> (180° pro Schritt)	<b>210</b>	136	136	122	99	83	70	60
	<b>240</b>	191	191	171	138	116	99	84
	<b>270</b>	227	227	193	156	131	113	97
	<b>300</b>	236	236	194	158	132	114	99
	<b>120</b>	126	126	126	108	90	75	60
<b>3</b> (120° pro Schritt)	<b>150</b>	185	185	185	154	128	108	89
	<b>180</b>	227	227	218	176	148	126	107
	<b>210</b>	240	240	220	178	150	128	111
	<b>240</b>	273	273	243	197	165	142	124
	<b>270</b>	281	281	241	196	165	142	124
	<b>90</b>	69	69	69	68	57	45	31
<b>4</b> (90° pro Schritt)	<b>120</b>	93	93	93	90	74	61	48
	<b>150</b>	102	102	102	93	77	65	54
	<b>180</b>	97	97	84	68	57	48	41
	<b>210</b>	103	103	85	69	58	50	43
	<b>240</b>	168	161	131	106	89	77	68
	<b>270</b>	173	160	130	105	89	77	68
	<b>315</b>	187	187	165	134	113	98	87
	<b>120</b>	52	52	52	42	35	29	22
<b>5</b> (72° pro Schritt)	<b>150</b>	85	85	84	68	57	47	39
	<b>180</b>	92	92	87	70	59	50	42
	<b>210</b>	108	108	94	76	64	55	47
	<b>240</b>	115	115	96	78	65	56	49
	<b>270</b>	120	119	97	79	66	57	50
	<b>90</b>	124	124	107	87	73	6 2	51
<b>6</b> (60° pro Schritt)	<b>120</b>	187	187	155	126	106	9 0	77
	<b>150</b>	233	219	178	144	121	105	91
	<b>180</b>	270	243	197	160	135	117	102
	<b>210</b>	281	241	196	159	134	116	102
	<b>240</b>	301	253	205	166	140	122	108
	<b>270</b>	307	249	202	164	138	120	106
	<b>90</b>	91	91	90	73	61	51	42
<b>8</b> (45° pro Schritt)	<b>120</b>	103	103	93	76	63	54	46
	<b>150</b>	172	172	143	116	98	85	74
	<b>180</b>	179	173	141	114	96	84	74
	<b>210</b>	184	170	138	112	94	82	73
	<b>240</b>	187	166	135	109	92	80	71
	<b>270</b>	189	162	132	107	90	79	70

## zulässige Belastungen

Stationen	Schaltwinkel	$M_{\text{stat}}$ zulässiges statisches Abtriebsmoment in Nm	$M_{\text{dyn}}$ zulässiges dynamisches Abtriebsmoment in Nm					
			50 min <sup>-1</sup>	100 min <sup>-1</sup>	200 min <sup>-1</sup>	350 min <sup>-1</sup>	500 min <sup>-1</sup>	800 min <sup>-1</sup>
<b>10</b> (36° pro Schritt)	90	87	87	87	75	63	52	43
	120	115	115	115	96	80	68	58
	150	125	125	120	97	82	70	61
	180	131	131	120	97	82	71	62
	210	136	136	118	96	81	70	61
	240	139	139	116	94	79	69	61
	270	141	140	114	92	78	68	60
<b>12</b> (30° pro Schritt)	90	65	65	65	59	49	40	32
	120	106	106	106	92	77	66	56
	150	131	131	131	108	91	78	68
	180	137	137	131	107	90	78	68
	210	140	140	129	104	88	76	67
	240	142	142	126	102	86	75	66
	270	144	144	123	100	84	73	65
<b>16</b> (22,5° pro Schritt)	120	81	81	81	79	66	56	47
	150	87	87	87	80	67	57	49
	180	133	133	133	121	102	88	77
	210	138	138	138	119	101	87	77
	240	141	141	141	117	99	86	76
	270	143	143	142	115	97	84	75
<b>20</b> (18° pro Schritt)	180	95	95	95	89	75	65	57
	210	97	97	97	87	73	63	56
	240	98	98	98	85	71	62	55
	270	99	99	99	82	70	60	53



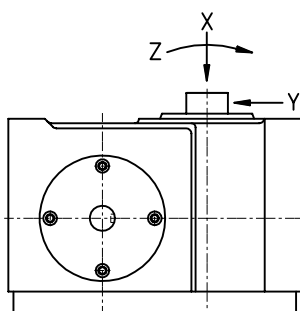
zulässige Kräfte auf die Abtriebswelle		
X	Y	Z
+ 9600 N - 3200 N	7200 N	340 Nm

## zulässige Belastungen

Stationen	Schaltwinkel	$M_{\text{stat}}$ zulässiges statisches Abtriebsmoment in Nm	$M_{\text{dyn}}$ zulässiges dynamisches Abtriebsmoment in Nm					
			50 min <sup>-1</sup>	100 min <sup>-1</sup>	200 min <sup>-1</sup>	350 min <sup>-1</sup>	500 min <sup>-1</sup>	800 min <sup>-1</sup>
<b>1</b> (360° pro Schritt)	<b>330</b>	230	221	179	145	120	100	80
<b>2</b> (180° pro Schritt)	<b>180</b>	233	233	204	165	136	112	56
	<b>210</b>	276	276	240	194	160	131	100
	<b>240</b>	308	308	262	212	176	146	117
	<b>270</b>	408	406	329	266	221	185	150
	<b>300</b>	468	453	368	297	248	210	174
<b>3</b> (120° pro Schritt)	<b>120</b>	233	233	231	186	152	122	89
	<b>150</b>	286	286	276	222	182	148	110
	<b>180</b>	408	408	372	300	248	204	160
	<b>210</b>	478	478	418	338	281	236	193
	<b>240</b>	504	504	423	343	286	243	203
	<b>270</b>	524	524	425	344	288	246	209
<b>4</b> (90° pro Schritt)	<b>90</b>	100	100	99	95	76	55	29
	<b>120</b>	183	183	183	163	134	108	79
	<b>150</b>	266	266	265	232	192	157	121
	<b>180</b>	249	249	207	168	139	117	95
	<b>210</b>	303	292	237	192	161	137	115
	<b>240</b>	320	297	241	195	164	140	120
	<b>270</b>	369	346	281	227	191	163	138
	<b>315</b>	446	446	405	323	276	236	203
<b>5</b> (72° pro Schritt)	<b>90</b>	56	56	55	44	35	26	14
	<b>120</b>	110	110	108	87	71	57	41
	<b>150</b>	123	123	113	91	76	63	50
	<b>180</b>	212	212	188	152	127	107	89
	<b>210</b>	214	208	169	137	114	97	82
	<b>240</b>	226	210	171	138	116	100	86
	<b>270</b>	310	290	235	191	160	138	119
<b>6</b> (60° pro Schritt)	<b>90</b>	228	228	186	150	124	103	81
	<b>120</b>	302	294	239	193	160	134	108
	<b>150</b>	421	377	306	247	207	175	146
	<b>180</b>	496	422	343	278	233	199	171
	<b>210</b>	524	425	345	280	235	203	175
	<b>240</b>	544	424	344	279	235	203	177
	<b>270</b>	559	421	342	277	234	202	177
<b>8</b> (45° pro Schritt)	<b>90</b>	180	180	164	132	109	91	71
	<b>120</b>	304	304	261	211	176	149	123
	<b>150</b>	366	366	308	249	208	176	147
	<b>180</b>	409	408	331	268	225	193	165
	<b>210</b>	429	409	332	269	226	194	168
	<b>240</b>	444	406	330	267	225	194	169
	<b>270</b>	455	401	326	264	223	193	169

## zulässige Belastungen

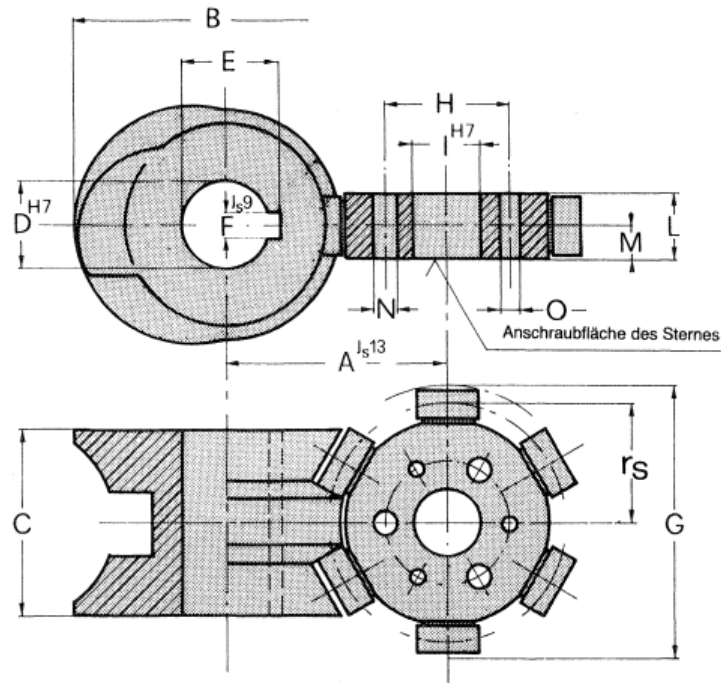
Stationen	Schaltwinkel	$M_{\text{stat}}$ zulässiges statisches Abtriebsmoment in Nm	$M_{\text{dyn}}$ zulässiges dynamisches Abtriebsmoment in Nm					
			50 min <sup>-1</sup>	100 min <sup>-1</sup>	200 min <sup>-1</sup>	350 min <sup>-1</sup>	500 min <sup>-1</sup>	800 min <sup>-1</sup>
<b>10</b> (36° pro Schritt)	90	126	126	125	101	84	69	54
	120	226	226	210	170	142	120	101
	150	322	322	291	236	198	169	144
	180	384	384	323	262	220	190	164
	210	397	393	319	259	218	188	165
	240	407	387	314	255	215	186	163
	270	413	380	308	250	211	183	161
<b>12</b> (30° pro Schritt)	90	137	137	137	122	100	81	61
	120	154	154	154	127	105	89	72
	150	260	260	244	198	166	142	122
	180	270	270	240	195	164	141	123
	210	277	277	235	191	161	139	122
	240	282	282	230	187	157	136	120
	270	286	277	225	182	154	134	118
<b>16</b> (22.5° pro Schritt)	90	133	133	133	129	107	88	68
	120	172	171	171	164	137	115	94
	150	184	184	184	165	138	118	100
	180	192	192	192	163	137	118	101
	210	198	198	198	160	135	116	101
	240	201	201	194	157	132	114	100
	270	204	204	189	154	130	112	99
<b>20</b> (18° pro Schritt)	90	99	99	99	98	86	69	50
	120	109	109	109	107	89	74	59
	150	170	169	169	168	140	119	101
	180	177	177	177	166	139	120	103
	210	182	182	182	163	137	118	103
	240	186	186	186	160	135	116	102
	270	188	188	188	157	132	114	100
<b>24</b> (15° pro Schritt)	150	122	122	122	121	104	88	74
	180	126	126	126	122	102	88	75
	210	129	129	129	119	100	86	74
	240	130	130	130	116	98	84	73
	270	132	132	132	113	95	82	72



zulässige Kräfte auf die Abtriebswelle		
X	Y	Z
+ 12000 N - 4400 N	9000 N	750 Nm

## Abmessungen

alle Darstellungen in der Mitte einer Rast

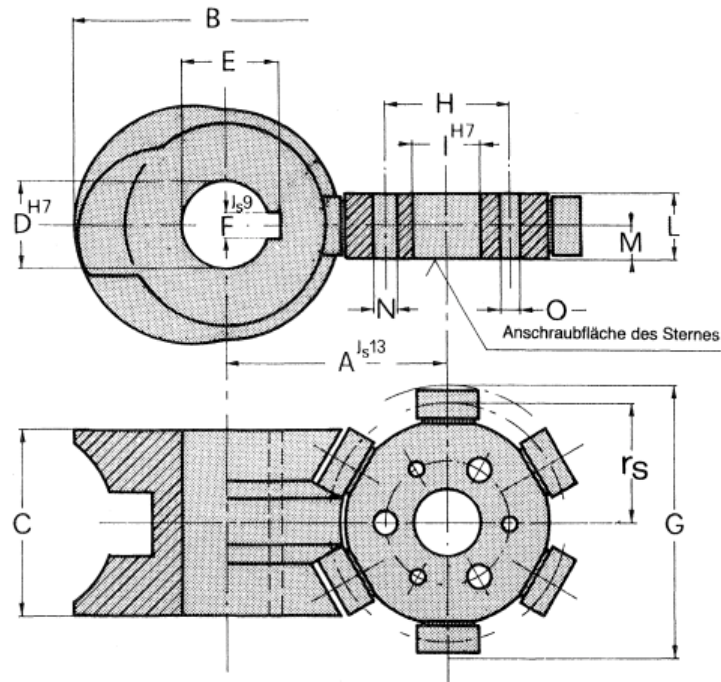


Typ	A	ØB	C	Kurve			Stern									
				ØD	E	F	ØG	ØH	ØI	L	M	n	N	n	O	r <sub>s</sub>
100- 1A 24T-330/23	100	142	76	40	43.3	12	109	55	30	25	10	3	8.4	3	9.5	57
100- 2A 24T-180/3	100	142	70	40	43.3	12	109	55	30	25	10	3	8.4	3	7.5	45
100- 2A 26T-210/3	100	136	78	40	43.3	12	119	55	30	30	15	3	8.4	3	7.5	50
100- 2A 28T-240/3	100	136	78	40	43.3	12	120	55	30	30	15	3	8.4	3	7.5	50
100- 2A 30T-270/3	100	126	82	40	43.3	12	130	55	30	30	15	3	8.4	3	7.5	54
100- 2A 32T-300/3	100	126	82	40	43.3	12	131	55	30	30	15	3	8.4	3	7.5	54
100- 3A 24T-120/3	100	142	70	40	43.3	12	109	55	30	25	10	3	8.4	3	7.5	45
100- 3A 26T-150/3	100	136	78	40	43.3	12	119	55	30	30	15	3	8.4	3	7.5	50
100- 3A 30T-180/3	100	126	82	40	43.3	12	130	55	30	30	15	3	8.4	3	7.5	54
100- 3A 32T-210/3	100	126	82	40	43.3	12	131	55	30	30	15	3	8.4	3	7.5	54
100- 3A 32T-240/3	100	126	82	40	43.3	12	131	55	30	30	15	3	8.4	3	7.5	54
100- 3A 32T-270/3	100	126	82	40	43.3	12	131	55	30	30	15	3	8.4	3	7.5	54
100- 4A 16T- 90/3	100	128	58	40	43.3	12	107	55	30	20	10	4	8.4	4	7.5	46
100- 4A 19T-120/3	100	120	64	40	43.3	12	117	55	30	20	10	4	8.4	4	7.5	50
100- 4A 22T-150/3	100	114	66	40	43.3	12	126	55	30	25	10	4	8.4	4	7.5	54
100- 4A 22T-180/2	100	112	64	40	43.3	12	126	55	30	25	10	4	8.4	4	7.5	54
100- 4A 24T-210/2	100	108	66	40	43.3	12	127	55	30	25	10	4	8.4	4	7.5	54
100- 4A 24T-240/2	100	108	68	40	43.3	12	127	55	30	25	10	4	8.4	4	7.5	54
100- 4A 26T-270/2	100	104	70	40	43.3	12	137	55	30	30	15	4	8.4	4	7.5	59
100- 4A 28T-315/3	100	104	70	40	43.3	12	137	55	30	30	15	4	8.4	4	7.5	59
100- 5A 12T- 90/2	100	126	46	40	43.3	12	98	55	30	20	10	5	8.4	5	7.5	44
100- 5A 16T-120/2	100	112	54	40	43.3	12	117	55	30	20	10	5	8.4	5	7.5	51
100- 5A 16T-150/2	100	112	54	40	43.3	12	117	55	30	20	10	5	8.4	5	7.5	51
100- 5A 19T-180/2	100	102	56	40	43.3	12	129	55	30	20	10	5	8.4	5	7.5	56
100- 5A 19T-210/1	100	102	56	40	43.3	12	129	55	30	20	10	5	8.4	5	7.5	56
100- 5A 19T-240/1	100	102	56	40	43.3	12	129	55	30	20	10	5	8.4	5	7.5	56
100- 5A 22T-270/1	100	94	56	40	43.3	12	136	55	30	25	10	5	8.4	5	7.5	59
100- 6A 24T- 90/1	100	142	70	40	43.3	12	109	55	30	25	10	3	8.4	3	7.5	45
100- 6A 28T-120/1	100	136	78	40	43.3	12	120	55	30	30	15	3	8.4	3	7.5	50
100- 6A 30T-150/1	100	128	84	40	43.3	12	130	55	30	30	15	3	8.4	3	7.5	54
100- 6A 32T-180/1	100	126	82	40	43.3	12	131	55	30	30	15	3	8.4	3	7.5	54
100- 6A 32T-210/1	100	126	82	40	43.3	12	131	55	30	30	15	3	8.4	3	7.5	54
100- 6A 32T-240/1	100	124	80	40	43.3	12	131	55	30	30	15	3	8.4	3	7.5	54
100- 6A 32T-270/1	100	124	80	40	43.3	12	131	55	30	30	15	3	8.4	3	7.5	54



## Abmessungen

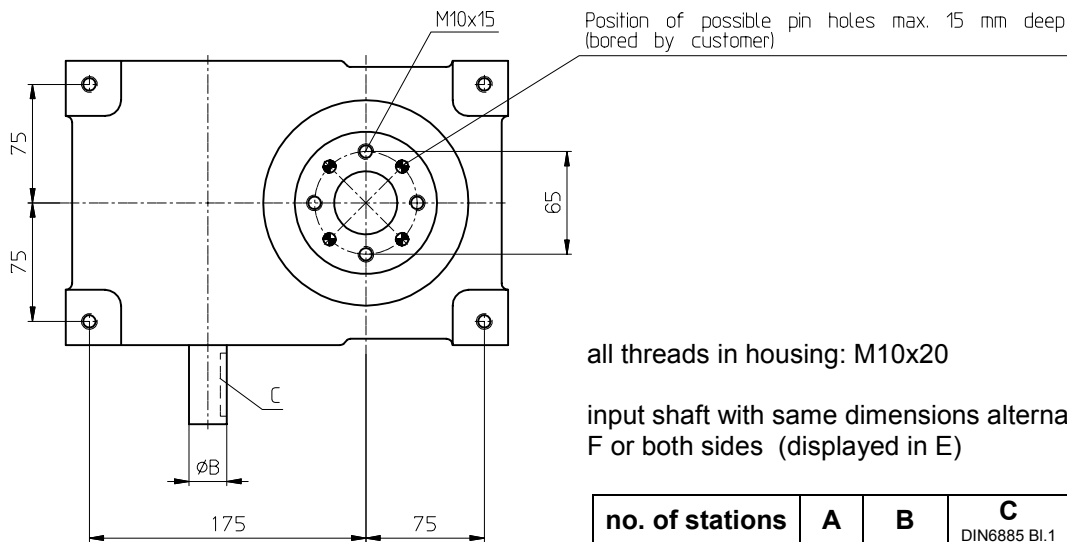
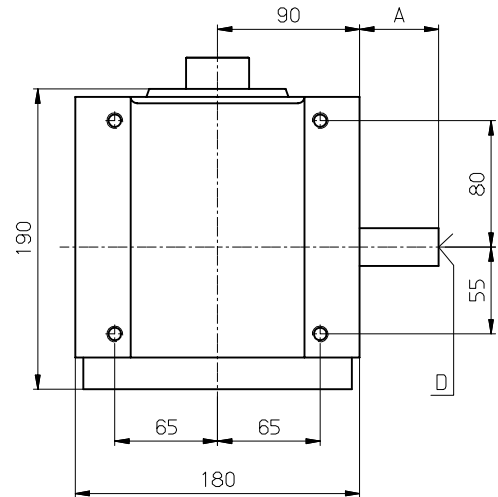
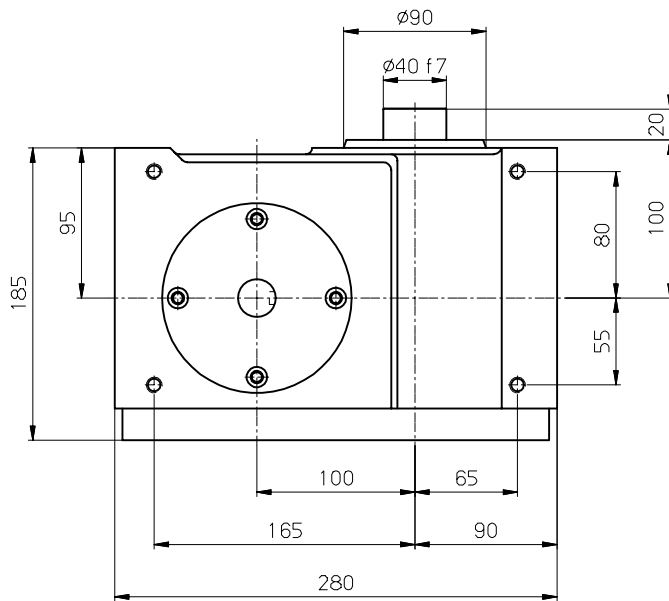
alle Darstellungen in der Mitte einer Rast



Typ	A	Kurve					Stern									
		ØB	C	ØD	E	F	ØG	ØH	ØI	L	M	n	N Ø	n	O Ø	r <sub>s</sub>
100- 8A 19T- 90/1	100	118	62	40	43.3	12	117	55	30	20	10	4	8.4	4	7.5	50
100- 8A 24T-120/1	100	108	66	40	43.3	12	127	55	30	25	10	4	8.4	4	7.5	54
100- 8A 26T-150/1	100	104	70	40	43.3	12	137	55	30	30	15	4	8.4	4	7.5	59
100- 8A 28T-180/1	100	102	68	40	43.3	12	137	55	30	30	15	4	8.4	4	7.5	59
100- 8A 28T-210/1	100	102	68	40	43.3	12	137	55	30	30	15	4	8.4	4	7.5	59
100- 8A 28T-240/1	100	102	68	40	43.3	12	137	55	30	30	15	4	8.4	4	7.5	59
100- 8A 28T-270/1	100	98	66	40	43.3	12	137	55	30	30	15	4	8.4	4	7.5	59
100-10A 16T- 90/1	100	112	54	40	43.3	12	117	55	30	20	10	5	8.4	5	7.5	51
100-10A 19T-120/1	100	102	56	40	43.3	12	129	55	30	20	10	5	8.4	5	7.5	56
100-10A 22T-150/1	100	94	56	40	43.3	12	136	55	30	25	10	5	8.4	5	7.5	59
100-10A 24T-180/1	100	94	52	40	43.3	12	137	55	30	25	10	5	8.4	5	7.5	59
100-10A 24T-210/1	100	93	52	40	43.3	12	137	55	30	25	10	5	8.4	5	7.5	59
100-10A 24T-240/1	100	93	52	40	43.3	12	137	55	30	25	10	5	8.4	5	7.5	59
100-10A 24T-270/1	100	93	52	40	43.3	12	137	55	30	25	10	5	8.4	5	7.5	59
100-12A 16T- 90/1	100	92	48	30	33.3	8	132	55	30	20	10	3	8.4	3	7.5	59
100-12A 16T-120/1	100	92	52	30	33.3	8	132	55	30	20	10	3	8.4	3	7.5	59
100-12A 19T-150/1	100	93	46	30	33.3	8	135	55	30	20	10	3	8.4	3	7.5	59
100-12A 19T-180/1	100	93	46	30	33.3	8	135	55	30	20	10	3	8.4	3	7.5	59
100-12A 19T-210/1	100	93	46	30	33.3	8	135	55	30	20	10	3	8.4	3	7.5	59
100-12A 19T-240/1	100	93	46	30	33.3	8	135	55	30	20	10	3	8.4	3	7.5	59
100-12A 19T-270/1	100	93	46	30	33.3	8	135	55	30	20	10	3	8.4	3	7.5	59
100-16A 14T- 90/1	100	85	38	30	33.3	8	133	55	30	20	10	4	8.4	4	7.5	61
100-16A 16T-120/1	100	75	40	30	33.3	8	148	55	30	20	10	4	8.4	4	7.5	67
100-16A 16T-150/1	100	75	40	30	33.3	8	148	55	30	20	10	4	8.4	4	7.5	67
100-16A 16T-180/1	100	75	40	30	33.3	8	148	55	30	20	10	4	8.4	4	7.5	67
100-16A 16T-210/1	100	75	40	30	33.3	8	148	55	30	20	10	4	8.4	4	7.5	67
100-16A 16T-240/1	100	75	40	30	33.3	8	148	55	30	20	10	4	8.4	4	7.5	67
100-16A 16T-270/1	100	75	40	30	33.3	8	148	55	30	20	10	4	8.4	4	7.5	67
100-20A 12T- 90/1	100	72	34	30	33.3	8	144	55	30	20	10	5	8.4	5	7.5	67
100-20A 12T-120/1	100	72	34	30	33.3	8	144	55	30	20	10	5	8.4	5	7.5	67
100-20A 14T-150/1	100	63	34	30	33.3	8	155	55	30	20	10	5	8.4	5	7.5	72
100-20A 14T-180/1	100	63	34	30	33.3	8	155	55	30	20	10	5	8.4	5	7.5	72
100-20A 14T-210/1	100	63	34	30	33.3	8	155	55	30	20	10	5	8.4	5	7.5	72
100-20A 14T-240/1	100	63	34	30	33.3	8	155	55	30	20	10	5	8.4	5	7.5	72
100-20A 14T-270/1	100	63	34	30	33.3	8	155	55	30	20	10	5	8.4	5	7.5	72
100-24A 12T-150/1	100	62	28	30	33.3	8	154	55	30	20	10	3	8.4	3	7.5	72
100-24A 12T-180/1	100	62	28	30	33.3	8	154	55	30	20	10	3	8.4	3	7.5	72
100-24A 12T-210/1	100	62	28	30	33.3	8	154	55	30	20	10	3	8.4	3	7.5	72
100-24A 12T-270/1	100	62	28	30	33.3	8	154	55	30	20	10	3	8.4	3	7.5	72

## dimensions of standard version

all illustrations in the middle of a dwell period

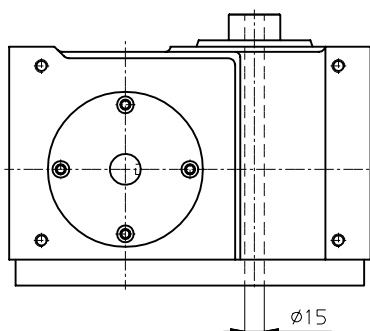


all threads in housing: M10x20

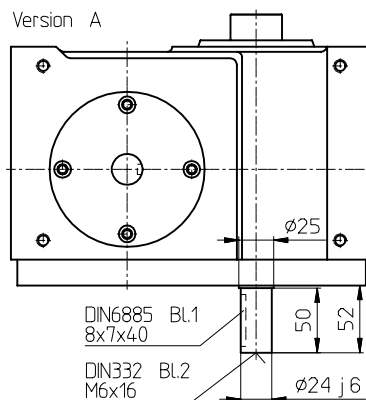
input shaft with same dimensions alternatively in side E or F or both sides (displayed in E)

no. of stations	A	B	C DIN6885 Bl.1	D DIN332 Bl.2
1 - 10	50	24j6	8x7x40	M6x12
12 - 24	40	19j6	6x6x30	M5x10

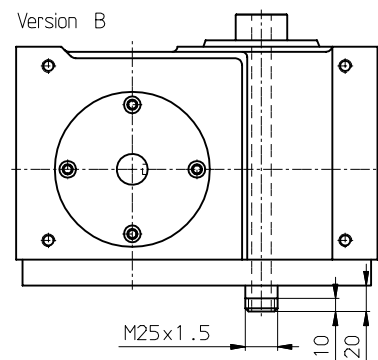
## optional versions:



**hollow output shaft**

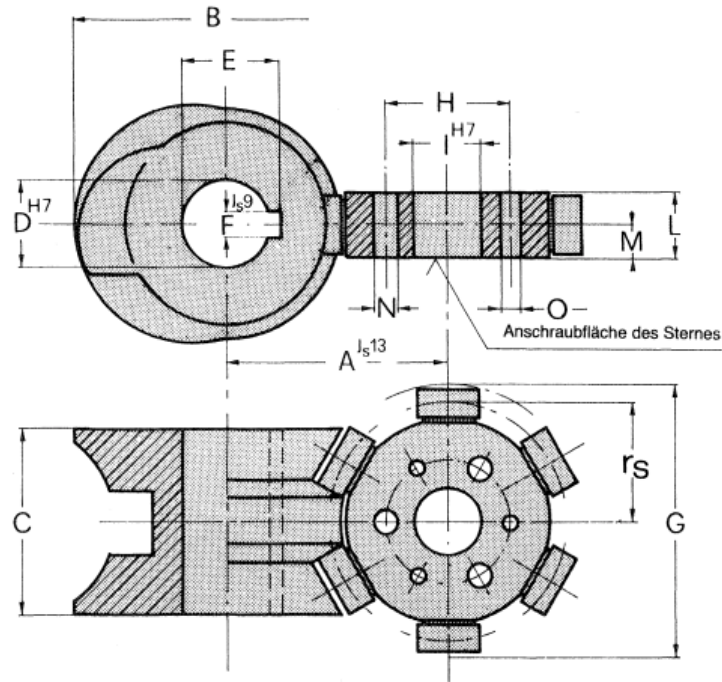


**through-going output shaft**



## Abmessungen

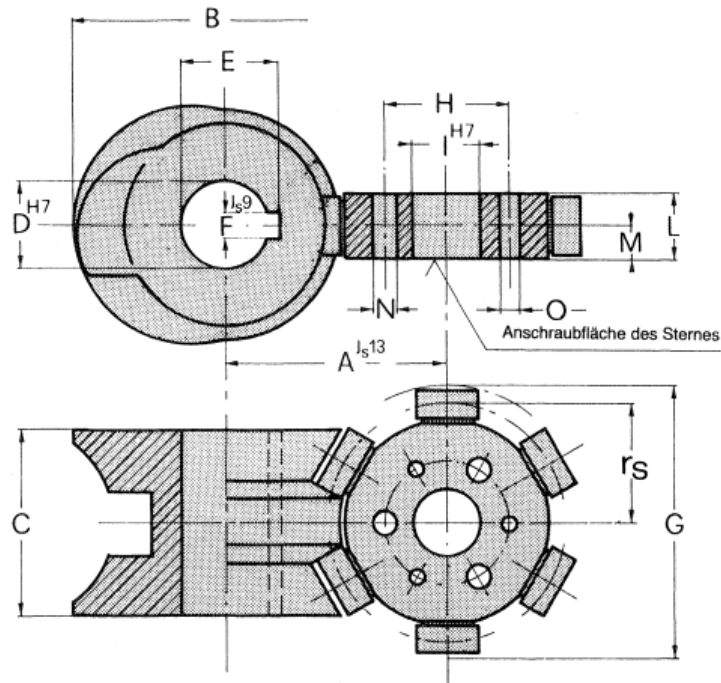
alle Darstellungen in der Mitte einer Rast



Typ	A	$\varnothing B$	C	Kurve			Stern									
				$\varnothing D$	E	F	$\varnothing G$	$\varnothing H$	$\varnothing I$	L	M	$n$	$N$	$\varnothing$	$n$	$O$
125- 1A 30T-330/23	125	176	94	40	43.3	12	136	65	40	30	15	3	10.5	3	9.5	57
125- 2A 30T-180/3	125	176	90	40	43.3	12	136	65	40	30	15	3	10.5	3	9.5	57
125- 2A 32T-210/3	125	176	90	40	43.3	12	136	65	40	30	15	3	10.5	3	9.5	57
125- 2A 35T-240/3	125	166	100	40	43.3	12	153	65	40	35	15	3	10.5	3	9.5	64
125- 2A 35T-270/3	125	166	100	40	43.3	12	153	65	40	35	15	3	10.5	3	9.5	64
125- 2A 40T-300/3	125	158	96	40	43.3	12	156	65	40	40	20	3	10.5	3	9.5	64
125- 3A 30T-120/3	125	176	90	40	43.3	12	136	65	40	30	15	3	10.5	3	9.5	57
125- 3A 35T-150/3	125	166	100	40	43.3	12	153	65	40	35	15	3	10.5	3	9.5	64
125- 3A 35T-180/3	125	166	100	40	43.3	12	153	65	40	35	15	3	10.5	3	9.5	64
125- 3A 40T-210/3	125	158	96	40	43.3	12	156	65	40	40	20	3	10.5	3	9.5	64
140- 3A 40T-240/3	140	178	114	50	53.8	14	175	70	45	40	20	3	10.5	3	9.5	74
125- 3A 40T-270/3	125	156	94	40	43.3	12	156	65	40	40	20	3	10.5	3	9.5	64
125- 4A 22T- 90/3	125	160	72	40	43.3	12	132	65	40	25	10	4	1C.5	4	9.5	57
125- 4A 26T-120/3	125	148	76	40	43.3	12	147	65	40	30	15	4	10.5	4	9.5	64
125- 4A 28T-150/3	125	148	76	40	43.3	12	147	65	40	30	15	4	10.5	4	9.5	64
125- 4A 28T-180/2	125	144	78	40	43.3	12	147	65	40	30	15	4	10.5	4	9.5	64
125- 4A 30T-210/2	125	138	82	40	43.3	12	157	65	40	30	15	4	10.5	4	9.5	68
125- 4A 32T-240/2	125	128	86	40	43.3	12	168	65	40	30	15	4	10.5	4	9.5	73
125- 4A 32T-270/2	125	128	86	40	43.3	12	168	65	40	30	15	4	10.5	4	9.5	73
125- 4A 35T-315/3	125	126	80	40	43.3	12	168	95	40	35	15	4	10.5	4	9.5	72
125- 5A 16T- 90/2	125	156	56	40	43.3	12	125	65	40	20	10	5	10.5	5	9.5	55
125- 5A 19T-120/2	125	144	62	40	43.3	12	139	65	40	20	10	5	10.5	5	9.5	61
125- 5A 22T-150/2	125	134	66	40	43.3	12	150	65	40	25	10	5	10.5	5	9.5	66
125- 5A 24T-180/2	125	128	68	40	43.3	12	158	65	40	25	10	5	10.5	5	9.5	70
125- 5A 24T-210/1	125	128	68	40	43.3	12	158	65	40	25	10	5	10.5	5	9.5	70
125- 5A 26T-240/1	125	118	74	40	43.3	12	169	65	40	30	15	5	10.5	5	9.5	75
125- 5A 26T-270/1	125	118	74	40	43.3	12	169	65	40	30	15	5	10.5	5	9.5	75
125- 6A 30T- 90/1	125	176	90	40	43.3	12	136	65	40	30	15	3	10.5	3	9.5	57
125- 6A 35T-120/1	125	166	100	40	43.3	12	153	65	40	35	15	3	10.5	3	9.5	64
125- 6A 35T-150/1	125	166	100	40	43.3	12	153	65	40	35	15	3	10.5	3	9.5	64
125- 6A 40T-180/1	125	158	96	40	43.3	12	156	65	40	40	20	3	10.5	3	9.5	64
125- 6A 40T-210/1	125	156	94	40	43.3	12	156	65	40	40	20	3	10.5	3	9.5	64
125- 6A 40T-240/1	125	156	94	40	43.3	12	156	65	40	40	20	3	10.5	3	9.5	64
125- 6A 40T-270/1	125	156	94	40	43.3	12	156	65	40	40	20	3	10.5	3	9.5	64
125- 8A 26T- 90/1	125	148	76	40	43.3	12	147	65	40	30	15	4	10.5	4	9.5	64
125- 8A 30T-120/1	125	138	82	40	43.3	12	157	65	40	30	15	4	10.5	4	9.5	68
125- 8A 32T-150/1	125	128	86	40	43.3	12	168	65	40	30	15	4	10.5	4	9.5	73
125- 8A 35T-180/1	125	128	80	40	43.3	12	168	95	40	35	15	4	10.5	4	9.5	72

## Abmessungen

alle Darstellungen in der Mitte einer Rast



Typ	A	ØB	Kurve				Stern										
			C	ØD	E	F	ØG	ØH	ØI	L	M	n	N Ø	n	O Ø	rs	
125- 8A 35T-210/1	125	128	80	40	43.3	12	168	95	40	35	15	4	10.5	4	9.5	72	
125- 8A 35T-240/1	125	128	80	40	43.3	12	168	95	40	35	15	4	10.5	4	9.5	72	
125- 8A 35T-270/1	125	128	80	40	43.3	12	168	95	40	35	15	4	10.5	4	9.5	72	
125-10A 22T- 90/1	125	134	66	40	43.3	12	150	65	40	25	10	5	10.5	5	9.5	66	
125-10A 26T-120/1	125	118	74	40	43.3	12	169	65	40	30	15	5	10.5	5	9.5	75	
125-10A 28T-150/1	125	118	74	40	43.3	12	169	65	40	30	15	5	10.5	5	9.5	75	
125-10A 301-180/1	125	109	72	40	43.3	12	175	95	40	30	15	5	10.5	5	9.5	77	
125-10A 321-210/1	125	109	72	40	43.3	12	175	95	40	30	15	5	10.5	5	9.5	77	
125-10A 32T-240/1	125	109	72	40	43.3	12	175	95	40	30	15	5	10.5	5	S.5	77	
125-10A 32T-270/1	125	109	72	40	43.3	12	175	95	40	30	15	5	10.5	5	9.5	77	
125-12A 19T- 90/1	125	120	60	40	43.3	12	159	65	40	20	10	3	10.5	3	9.5	71	
125-12A 22T-120/1	125	107	64	40	43.3	12	174	65	40	25	10	3	10.5	3	9.5	78	
125-12A 24T-150/1	125	106	64	40	43.3	12	174	65	40	25	10	3	10.5	3	9.5	78	
125-12A 26T-180/1	125	94	66	40	43.3	12	186	65	40	30	15	3	10.5	3	9.5	84	
125-12A 28T-210/1	125	94	66	40	43.3	12	187	65	40	30	15	3	10.5	3	9.5	84	
125-12A 28T-240/1	125	94	66	40	43.3	12	187	65	40	30	15	3	10.5	3	9.5	84	
125-12A 28T-270/1	125	93	66	40	43.3	12	187	65	40	30	15	3	10.5	3	9.5	84	
125-16A 16T- 90/1	125	106	48	40	43.3	12	168	65	40	20	10	4	10.5	4	9.5	77	
125-16A 19T-120/1	125	97	50	40	43.3	12	181	65	40	20	10	4	10.5	4	9.5	82	
125-16A 19T-150/1	125	97	50	40	43.3	12	181	65	40	20	10	4	10.5	4	9.5	82	
125-16A 22T-180/1	125	94	48	40	43.3	12	186	65	40	25	10	4	10.5	4	9.5	84	
125-16A 22T-210/1	125	94	48	40	43.3	12	186	65	40	25	10	4	10.5	4	9.5	84	
125-16A 22T-240/1	125	94	48	40	43.3	12	186	65	40	25	10	4	10.5	4	9.5	84	
125-16A 22T-270/1	125	94	48	40	43.3	12	186	65	40	25	10	4	10.5	4	9.5	84	
125-20A 16T- 90/1	125	88	42	30	33.3	8	186	65	40	20	10	5	10.5	5	9.5	86	
125-20A 16T-120/1	125	88	42	30	33.3	8	186	65	40	20	10	5	10.5	5	9.5	86	
125-20A 16T-150/1	125	80	44	30	33.3	8	194	65	40	20	10	5	10.5	5	9.5	90	
125-20A 16T-180/1	125	80	44	30	33.3	8	194	65	40	20	10	5	10.5	5	9.5	90	
125-20A 16T-210/1	125	80	44	30	33.3	8	194	65	40	20	10	5	10.5	5	9.5	90	
125-20A 19T-240/1	125	93	36	30	33.3	8	184	65	40	20	10	5	10.5	5	9.5	84	
125-20A 19T-270/1	125	93	36	30	33.3	8	164	65	40	20	10	5	10.5	5	9.5	84	
125-24A 12T- 90/1	125	84	36	30	33.3	8	182	65	40	20	10	3	10.5	3	9.5	86	
125-24A 12T-120/1	125	84	36	30	33.3	8	182	65	40	20	10	3	10.5	3	9.5	86	
125-24A 16T-150/1	125	76	36	30	33.3	8	198	65	40	20	10	3	10.5	3	9.5	92	
125-24A 16T-180/1	125	76	36	30	33.3	8	198	65	40	20	10	3	10.5	3	9.5	92	
125-24A 16T-210/1	125	76	36	30	33.3	8	198	65	40	20	10	3	10.5	3	9.5	92	
125-24A 16T-240/1	125	76	36	30	33.3	8	198	65	40	20	10	3	10.5	3	9.5	92	
125-24A 16T-270/1	125	76	36	30	33.3	8	198	65	40	20	10	3	10.5	3	9.5	92	

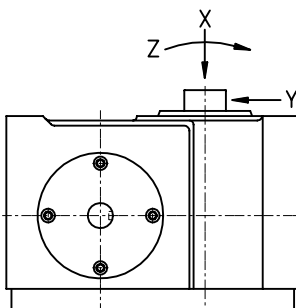
## zulässige Belastungen

Stationen	Schaltwinkel	$M_{stat}$ zulässiges statisches Abtriebsmoment in Nm	$M_{dyn}$ zulässiges dynamisches Abtriebsmoment in Nm					
			50 min <sup>-1</sup>	100 min <sup>-1</sup>	200 min <sup>-1</sup>	350 min <sup>-1</sup>	500 min <sup>-1</sup>	800 min <sup>-1</sup>
<b>1</b> (360° pro Schritt)	<b>330</b>	409	364	295	237	194	154	108
<b>2</b> (180° pro Schritt)	<b>180</b>	416	415	336	270	218	168	109
	<b>210</b>	490	469	380	306	251	202	148
	<b>240</b>	602	599	486	391	320	256	184
	<b>270</b>	636	612	496	400	330	269	206
	<b>300</b>	841	806	654	528	438	364	289
<b>3</b> (120° pro Schritt)	<b>120</b>	416	415	379	303	2741	178	97
	<b>150</b>	582	581	540	432	347	263	159
	<b>180</b>	636	636	560	450	368	294	210
	<b>210</b>	857	856	742	598	494	406	314
	<b>240</b>	897	896	746	603	501	417	336
	<b>270</b>	927	918	745	602	502	423	349
<b>4</b> (90° pro Schritt)	<b>90</b>	258	257	256	228	177	121	44
	<b>120</b>	369	369	367	311	246	178	89
	<b>150</b>	426	425	425	343	279	219	148
	<b>180</b>	402	383	311	250	206	168	128
	<b>210</b>	541	481	391	315	261	217	172
	<b>240</b>	625	552	448	362	300	250	201
	<b>270</b>	658	561	455	368	307	259	213
	<b>315</b>	860	860	729	591	494	420	353
<b>5</b> (72° pro Schritt)	<b>90</b>	119	119	114	90	71	49	21
	<b>120</b>	218	218	195	157	127	100	68
	<b>150</b>	318	318	277	223	183	147	108
	<b>180</b>	391	391	325	262	216	177	137
	<b>210</b>	396	359	291	235	196	163	132
	<b>240</b>	457	414	336	272	226	188	152
	<b>270</b>	480	420	341	276	230	194	161
<b>6</b> (60° pro Schritt)	<b>90</b>	406	377	305	245	199	156	106
	<b>120</b>	589	545	442	356	292	236	175
	<b>150</b>	654	566	459	371	308	257	206
	<b>180</b>	885	746	605	490	409	347	290
	<b>210</b>	926	745	605	490	411	351	299
	<b>240</b>	956	739	600	487	409	351	302
	<b>270</b>	979	731	593	481	405	349	303
<b>8</b> (45° pro Schritt)	<b>90</b>	362	361	314	252	204	158	103
	<b>120</b>	542	530	430	347	286	234	180
	<b>150</b>	652	615	499	403	335	279	224
	<b>180</b>	795	740	601	486	406	344	287
	<b>210</b>	830	739	600	486	407	347	295
	<b>240</b>	856	732	594	481	404	347	298
	<b>270</b>	875	722	586	475	400	344	298



## zulässige Belastungen

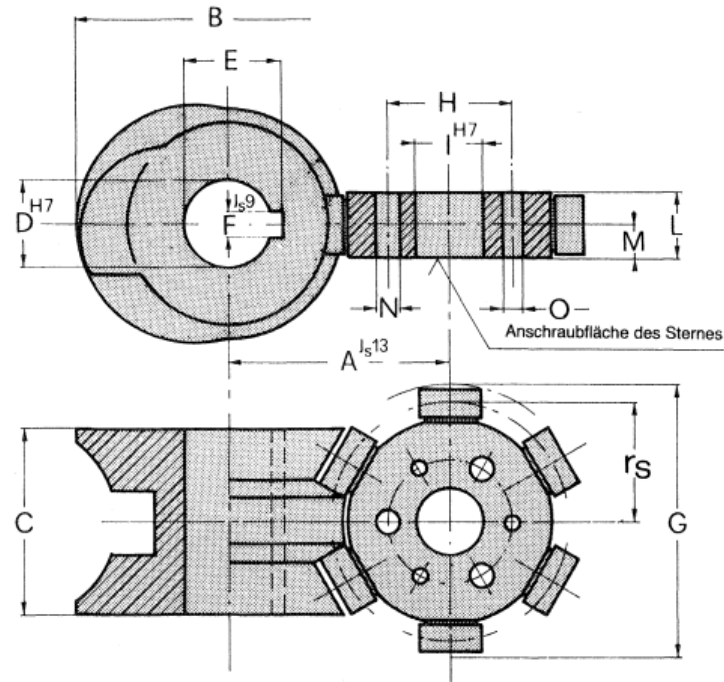
Stationen	Schaltwinkel	$M_{stat}$ zulässiges statisches Abtriebsmoment in Nm	$M_{dyn}$ zulässiges dynamisches Abtriebsmoment in Nm					
			50 min <sup>-1</sup>	100 min <sup>-1</sup>	200 min <sup>-1</sup>	350 min <sup>-1</sup>	500 min <sup>-1</sup>	800 min <sup>-1</sup>
<b>10</b> (36° pro Schritt)	90	326	326	307	247	202	161	115
	120	457	456	413	333	274	222	166
	150	520	520	448	362	301	251	202
	180	693	676	548	444	371	315	264
	210	788	736	598	484	406	347	297
	240	810	727	590	479	402	346	298
	270	826	716	582	472	397	342	297
<b>12</b> (30° pro Schritt)	90	271	271	271	219	179	143	102
	120	398	398	389	314	259	212	163
	150	488	488	439	355	296	249	205
	180	568	568	511	414	345	291	241
	210	619	619	541	438	367	312	264
	240	639	639	536	434	364	312	268
	270	653	651	529	429	360	310	268
<b>16</b> (22.5° pro Schritt)	90	193	193	193	178	144	112	74
	120	339	339	338	295	244	203	161
	150	362	362	361	295	246	208	173
	180	496	496	488	396	331	283	240
	210	510	510	480	389	327	280	241
	240	520	520	470	381	321	276	240
	270	527	527	460	373	314	271	237
<b>20</b> (18° pro Schritt)	90	208	207	207	204	176	136	88
	120	231	231	230	224	185	151	116
	150	246	246	246	231	192	160	129
	180	258	257	257	229	191	162	135
	210	265	265	265	225	189	161	137
	240	408	408	388	314	265	229	200
	270	412	412	378	306	258	223	196
<b>24</b> (15° pro Schritt)	90	132	132	131	129	112	83	47
	120	143	143	143	141	115	93	68
	150	259	258	258	257	218	183	150
	180	268	268	268	257	215	183	154
	210	275	275	275	252	211	181	155
	240	280	280	279	246	207	178	154
	270	283	283	283	240	202	174	152



zulässige Kräfte auf die Abtriebswelle		
X	Y	Z
+ 20000 N - 5400 N	13600 N	750 Nm

## Abmessungen

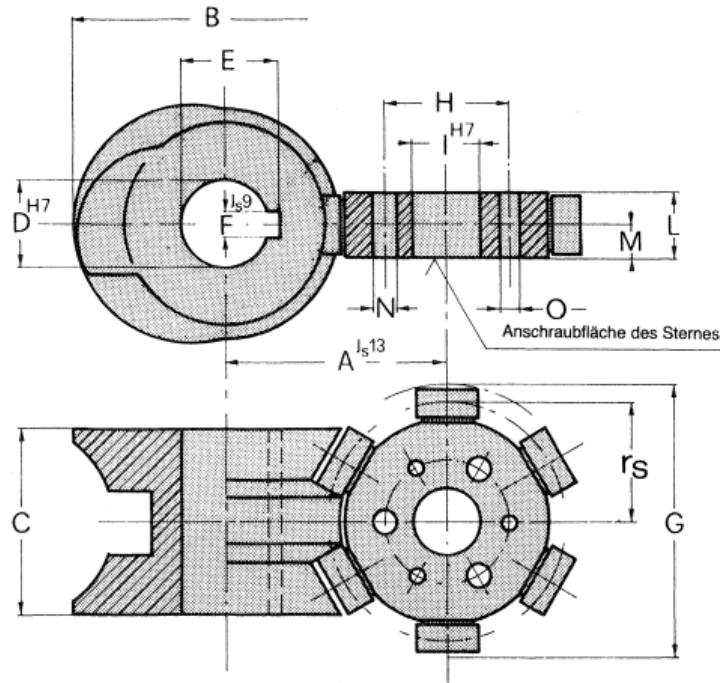
alle Darstellungen in der Mitte einer Rast



Typ	A	$\varnothing B$	Kurve				Stern									
			C	$\varnothing D$	E	F	$\varnothing G$	$\varnothing H$	$\varnothing I$	L	M	n	N $\varnothing$	n	O $\varnothing$	$r_s$
140- 1A 32T-330/23	140	198	104	50	53.8	14	146	70	45	30	15	3	10.5	3	9.5	62
140- 2A 32T-180/3	140	198	98	50	53.8	14	146	70	45	30	15	3	10.5	3	9.5	62
140- 2A 35T-210/3	140	188	108	50	53.8	14	162	70	45	35	15	3	10.5	3	9.5	69
140- 2A 40T-240/3	140	178	114	50	53.8	14	175	70	45	40	20	3	10.5	3	9.5	74
140- 2A 40T-270/3	140	178	114	50	53.8	14	175	70	45	40	20	3	10.5	3	9.5	74
140- 2A 40T-300/3	140	178	114	50	53.8	14	175	70	45	40	20	3	10.5	3	9.5	74
140- 3A 32T-120/3	140	198	98	50	53.8	14	146	70	45	30	15	3	10.5	3	9.5	62
140- 3A 35T-150/3	140	188	108	50	53.8	14	162	70	45	35	15	3	10.5	3	9.5	69
140- 3A 40T-180/3	140	178	114	50	53.8	14	175	70	45	40	20	3	10.5	3	9.5	74
140- 3A 40T-210/3	140	178	114	50	53.8	14	175	70	45	40	20	3	10.5	3	9.5	74
140- 3A 40T-240/3	140	178	114	50	53.8	14	175	70	45	40	20	3	10.5	3	9.5	74
140- 3A 40T-270/3	140	178	114	50	53.8	14	175	70	45	40	20	3	10.5	3	9.5	74
140- 4A 24T- 90/3	140	178	80	50	53.8	14	147	70	45	25	10	4	10.5	4	9.5	64
140- 4A 30T-120/3	140	162	92	50	53.8	14	169	70	45	30	15	4	10.5	4	6.5	74
140- 4A 32T-150/3	140	158	88	50	53.8	14	170	70	45	30	15	4	10.5	4	9.5	74
140- 4A 30T-180/2	140	15.8	88	50	53.8	14	169	70	45	30	15	4	10.5	4	9.5	74
140- 4A 32T-210/2	140	158	88	50	53.8	14	170	70	45	30	15	4	10.5	4	9.5	74
140- 4A 35T-240/2	140	146	96	50	53.8	14	188	70	45	35	15	4	10.5	4	9.5	82
140- 4A 35T-270/2	140	146	96	50	53.8	14	188	70	45	35	15	4	10.5	4	9.5	82
140- 4A 35T-315/3	140	152	104	50	53.8	14	188	70	45	35	15	4	10.5	4	9.5	82
140- 5A 19T- 90/2	140	174	64	50	53.8	14	141	70	45	20	10	5	10.5	5	9.5	62
140- 5A 22T-120/2	140	156	74	50	53.8	14	162	70	45	25	10	5	10.5	5	9.5	72
140- 5A 24T-150/2	140	156	74	50	53.8	14	162	70	45	25	10	5	10.5	5	9.5	72
140- 5A 26T-180/2	140	138	80	50	53.8	14	176	70	45	30	15	5	10.5	5	9.5	79
140- 5A 28T-210/1	140	138	80	50	53.8	14	177	70	45	30	15	5	10.5	5	9.5	79
140- 5A 28T-240/1	140	138	80	50	53.8	14	177	70	45	30	15	5	10.5	5	9.5	79
140- 5A 30T-270/1	140	128	82	50	53.8	14	191	70	45	30	15	5	10.5	5	9.5	85
140- 6A 32T- 90/1	140	198	98	50	53.8	14	146	70	45	30	15	3	10.5	3	9.5	62
140- 6A 35T-120/1	140	188	108	50	53.8	14	162	70	45	35	15	3	10.5	3	9.5	69
140- 6A 40T-150/1	140	178	114	50	53.8	14	175	70	45	40	20	3	10.5	3	9.5	74
140- 6A 40T-180/1	140	178	114	50	53.8	14	175	70	45	40	20	3	10.5	3	9.5	74
140- 6A 40T-210/1	140	178	114	50	53.8	14	175	70	45	40	20	3	10.5	3	9.5	74
140- 6A 40T-240/1	140	178	114	50	53.8	14	175	70	45	40	20	3	10.5	3	9.5	74
140- 6A 40T-270/1	140	178	114	50	53.8	14	175	70	45	40	20	3	10.5	3	9.5	74
140- 8A 28T- 90/1	140	168	86	50	53.8	14	159	70	45	30	15	4	10.5	4	9.5	70
140- 8A 32T-120/1	140	158	88	50	53.8	14	170	70	45	30	15	4	10.5	4	9.5	74
140- 8A 35T-150/1	140	144	96	50	53.8	14	188	70	45	35	15	4	10.5	4	9.5	82
140- 8A 35T-180/1	140	146	96	50	53.8	14	188	70	45	35	15	4	10.5	4	9.5	82
140- 8A 35T-210/1	140	146	96	50	53.8	14	188	70	45	35	15	4	10.5	4	9.5	82
140- 8A 35T-240/1	140	146	96	50	53.8	14	188	70	45	35	15	4	10.5	4	9.5	82
140- 8A 35T-270/1	140	146	96	50	53.8	14	188	70	45	35	15	4	10.5	4	9.5	82

## Abmessungen

alle Darstellungen in der Mitte einer Rast



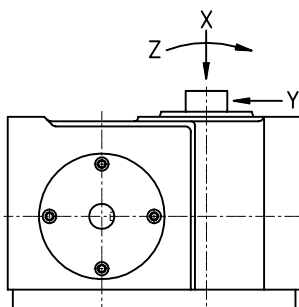
Typ	A	ØB	Kurve				Stern									
			C	ØD	E	F	ØG	ØH	ØI	L	M	n	N Ø	n	O Ø	r <sub>s</sub>
140-10A 26T- 90/1	140	138	80	50	53.8	14	176	70	45	30	15	5	10.5	5	9.5	79
140-10A 28T-120/1	140	138	80	50	53.8	14	177	70	45	30	15	5	10.5	5	9.5	79
140-10A 32T-150/1	140	128	82	50	53.8	14	191	70	45	30	15	5	10.5	5	9.5	85
140-10A 35T-180/1	140	120	80	50	53.8	14	198	70	45	35	15	5	10.5	5	9.5	87
140-10A 35T-210/1	140	120	80	50	53.8	14	198	70	45	35	15	5	10.5	5	9.5	87
140-10A 35T-240/1	140	120	80	50	53.8	14	198	70	45	35	15	5	10.5	5	9.5	87
140-10A 35T-270/1	140	120	80	50	53.8	14	198	70	45	35	15	5	10.5	5	9.5	87
140-12A 22T- 90/1	140	134	66	40	43.3	12	176	70	45	25	10	3	10.5	3	9.5	79
140-12A 26T-120/1	140	116	72	40	43.3	12	194	70	45	30	15	3	10.5	3	9.5	88
140-12A 28T-150/1	140	116	72	40	43.3	12	195	70	45	30	15	3	10.5	3	9.5	88
140-12A 30T-180/1	140	103	74	40	43.3	12	211	70	45	30	15	3	10.5	3	9.5	95
140-12A 32T-210/1	140	103	74	40	43.3	12	211	70	45	30	15	3	10.5	3	9.5	95
140-12A 32T-240/1	140	103	74	40	43.3	12	211	70	45	30	15	3	10.5	3	9.5	95
140-12A 32T-270/1	140	103	74	40	43.3	12	211	70	45	30	15	3	10.5	3	9.5	95
140-16A 19T- 90/1	140	119	54	40	43.3	12	188	70	45	20	10	4	10.5	4	9.5	86
140-16A 22T-120/1	140	100	58	40	43.3	12	210	70	45	25	10	4	10.5	4	9.5	96
140-16A 22T-150/1	140	100	58	40	43.3	12	210	70	45	25	10	4	10.5	4	9.5	96
140-16A 24T-180/1	140	100	58	40	43.3	12	210	70	45	25	10	4	10.5	4	9.5	96
140-16A 26T-210/1	140	92	56	40	43.3	12	218	70	45	30	15	4	10.5	4	9.5	100
140-16A 26T-240/1	140	92	56	40	43.3	12	218	70	45	30	15	4	10.5	4	9.5	100
140-16A 28T-270/1	140	91	56	40	43.3	12	218	70	45	30	15	4	10.5	4	9.5	100
140-20A 16T- 90/1	140	108	46	40	43.3	12	196	70	45	20	10	5	10.5	5	9.5	91
140-20A 19T-120/1	140	97	46	40	43.3	12	210	70	45	20	10	5	10.5	5	9.5	97
140-20A 19T-150/1	140	97	46	40	43.3	12	210	70	45	20	10	5	10.5	5	9.5	97
140-20A 19T-180/1	140	97	46	40	43.3	12	210	70	45	20	10	5	10.5	5	9.5	97
140-20A 22T-210/1	140	98	42	40	43.3	12	212	70	45	25	10	5	10.5	5	9.5	97
140-20A 22T-240/1	140	98	42	40	43.3	12	212	70	45	25	10	5	10.5	5	9.5	97
140-20A 22T-270/1	140	98	42	40	43.3	32	212	70	45	25	10	5	10.5	5	9.5	97
140-24A 14T- 90/1	140	97	40	40	43.3	12	201	70	45	20	10	3	10.5	3	9.5	95
140-24A 16T-120/1	140	82	42	40	43.3	12	222	70	45	25	10	3	10.5	3	9.5	104
140-24A 16T-150/1	140	82	42	40	43.3	12	222	70	45	25	10	3	10.5	3	9.5	104
140-24A 16T-180/1	140	82	42	40	43.3	12	222	70	45	25	10	3	10.5	3	9.5	104
140-24A 16T-210/1	140	82	42	40	43.3	12	222	70	45	25	10	3	10.5	3	9.5	104
140-24A 16T-240/1	140	82	42	40	43.3	12	222	70	45	25	10	3	10.5	3	9.5	104
140-24A 16T-270/1	140	82	42	40	43.3	12	222	70	45	25	10	3	10.5	3	9.5	104

## zulässige Belastungen

Stationen	Schaltwinkel	$M_{\text{stat}}$ zulässiges statisches Abtriebsmoment in Nm	$M_{\text{dyn}}$ zulässiges dynamisches Abtriebsmoment in Nm					
			50 min <sup>-1</sup>	100 min <sup>-1</sup>	200 min <sup>-1</sup>	350 min <sup>-1</sup>	500 min <sup>-1</sup>	800 min <sup>-1</sup>
<b>1</b> (360° pro Schritt)	<b>330</b>	500	429	347	278	226	175	115
	<b>180</b>	507	488	395	316	253	190	111
<b>2</b> (180° pro Schritt)	<b>210</b>	630	624	505	404	323	243	142
	<b>240</b>	850	849	689	552	445	341	215
	<b>270</b>	902	872	707	568	463	367	257
	<b>300</b>	946	886	718	579	475	385	287
	<b>120</b>	507	507	446	354	279	197	88
<b>3</b> (120° pro Schritt)	<b>150</b>	653	652	579	462	367	268	142
	<b>180</b>	902	901	797	638	514	393	245
	<b>210</b>	965	965	816	656	536	426	303
	<b>240</b>	1014	1014	824	664	547	446	339
	<b>270</b>	1053	1018	825	666	552	457	361
	<b>90</b>	327	326	324	272	205	125	08
<b>4</b> (90° pro Schritt)	<b>120</b>	539	538	535	427	330	219	66
	<b>180</b>	563	503	407	328	267	212	150
	<b>150</b>	655	654	617	494	396	300	180
	<b>210</b>	660	564	458	369	305	250	192
	<b>240</b>	800	717	581	469	386	316	242
	<b>270</b>	842	728	591	477	396	328	261
	<b>315</b>	972	972	802	648	540	453	371
	<b>90</b>	210	210	192	153	119	83	33
<b>5</b> (72° pro Schritt)	<b>120</b>	318	318	283	226	179	129	65
	<b>150</b>	403	402	331	266	216	171	119
	<b>180</b>	473	478	389	312	255	201	140
	<b>210</b>	505	456	370	298	246	200	152
	<b>240</b>	533	463	375	303	251	209	166
	<b>270</b>	701	581	472	381	317	265	215
	<b>90</b>	497	444	359	288	232	177	111
<b>6</b> (60° pro Schritt)	<b>120</b>	660	583	473	380	310	246	173
	<b>150</b>	929	808	655	528	435	356	271
	<b>180</b>	1000	823	668	540	449	375	302
	<b>210</b>	1051	826	671	543	453	383	319
	<b>240</b>	1089	823	668	541	453	386	327
	<b>270</b>	1118	815	661	536	450	385	330
	<b>90</b>	423	423	358	286	228	170	97
<b>8</b> (45° pro Schritt)	<b>120</b>	661	621	503	405	333	268	198
	<b>150</b>	834	799	648	522	431	352	268
	<b>180</b>	893	810	657	531	441	368	297
	<b>210</b>	936	810	658	532	444	375	312
	<b>240</b>	967	804	653	529	443	377	319
	<b>270</b>	990	795	645	523	439	375	321

## zulässige Belastungen

Stationen	Schaltwinkel	$M_{\text{stat}}$ zulässiges statisches Abtriebsmoment in Nm	$M_{\text{dyn}}$ zulässiges dynamisches Abtriebsmoment in Nm					
			50 min <sup>-1</sup>	100 min <sup>-1</sup>	200 min <sup>-1</sup>	350 min <sup>-1</sup>	500 min <sup>-1</sup>	800 min <sup>-1</sup>
<b>10</b> (36° pro Schritt)	90	449	449	417	333	264	194	103
	120	533	533	462	371	304	244	177
	150	797	791	641	518	429	354	279
	180	970	966	784	634	528	443	361
	210	1012	962	781	632	528	448	375
	240	1041	952	773	626	524	448	381
	270	1063	938	762	617	518	444	382
<b>12</b> (30° pro Schritt)	90	397	396	390	313	253	195	125
	120	550	550	520	418	341	270	190
	150	623	622	559	451	373	308	241
	180	831	831	708	572	476	398	323
	210	950	949	776	628	525	445	372
	240	981	948	770	624	523	446	379
	270	1004	937	761	617	518	444	381
<b>16</b> (22.5° pro Schritt)	90	342	342	341	300	244	190	127
	120	493	492	491	431	353	284	208
	150	533	532	532	438	363	301	240
	180	632	632	600	486	405	343	285
	210	722	722	681	551	461	391	327
	240	742	742	672	545	457	390	332
	270	789	789	701	568	477	409	352
<b>20</b> (18° pro Schritt)	90	235	235	234	229	184	139	83
	120	408	408	407	379	313	256	197
	150	433	433	433	378	314	264	215
	180	449	449	449	371	310	264	221
	210	600	600	595	482	404	346	296
	240	609	609	580	471	395	340	294
	270	616	616	566	459	386	333	290
<b>24</b> (15° pro Schritt)	90	215	215	214	210	179	135	79
	120	271	271	270	267	229	179	120
	150	290	290	289	284	234	191	145
	180	302	301	301	280	233	194	155
	210	309	309	309	275	230	194	160
	240	315	315	314	269	225	191	161
	270	319	319	318	263	221	189	161

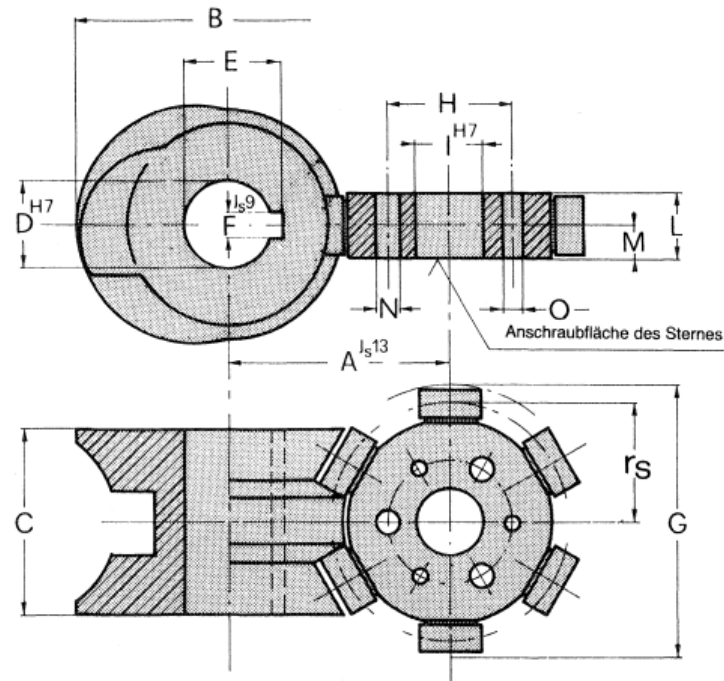


zulässige Kräfte auf die Abtriebswelle		
X	Y	Z
+ 22400 N - 8000 N	16400 N	1360 Nm



## Abmessungen

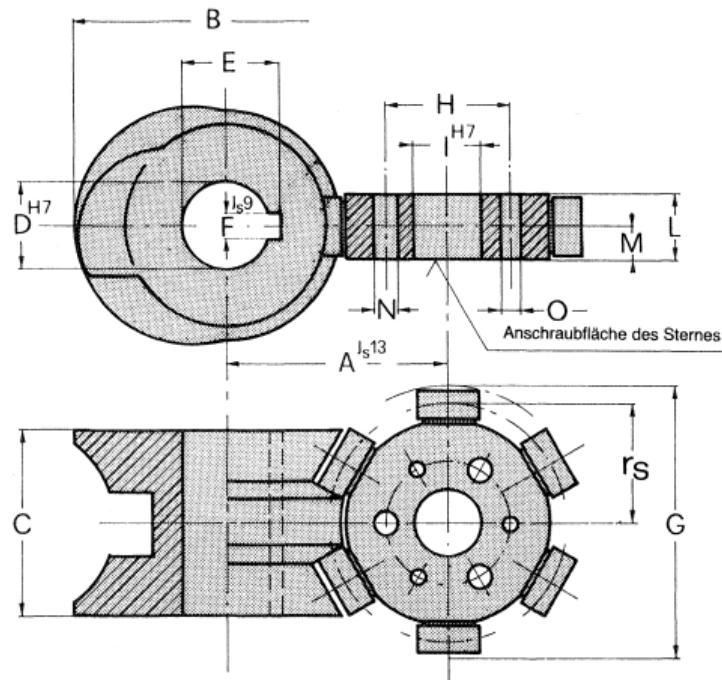
alle Darstellungen in der Mitte einer Rast



Typ	A	Kurve					Stern											
		ØB	C	ØD	E	F	ØG	ØH	ØI	L	M	n	N Ø	n	O Ø	r <sub>s</sub>		
160- 1A 40T-330/23																		
160- 2A 40T-180/3	160	224	114	50	53.8	14	173	75	50	40	20	3	13.0	3	11.5	73		
160- 2A 40T-210/3	160	216	126	50	53.8	14	187	75	50	40	20	3	13.0	3	11.5	80		
160- 2A 40T-240/3	160	216	126	50	53.8	14	187	75	50	40	20	3	13.0	3	11.5	80		
160- 2A 47T-270/3	160	208	130	50	53.8	14	200	75	50	45	20	3	13.0	3	11.5	84		
160- 2A 52T-300/3	160	198	132	50	53.8	14	207	75	50	50	25	3	13.0	3	11.5	87		
160- 3A 40T-120/3	160	224	114	50	53.8	14	173	75	50	40	20	3	13.0	3	11.5	73		
160- 3A 40T-150/3	160	216	126	50	53.8	14	187	75	50	40	20	3	13.0	3	11.5	80		
160- 3A 47T-180/3	160	208	130	50	53.8	14	200	75	50	45	20	3	13.0	3	11.5	84		
160- 3A 52T-210/3	160	198	132	50	53.8	14	207	75	50	50	25	3	13.0	3	11.5	87		
160- 3A 52T-240/3	160	198	132	50	53.8	14	207	75	50	50	25	3	13.0	3	11.5	87		
160- 3A 52T-270/3	160	198	130	50	53.8	14	207	75	50	50	25	3	13.0	3	11.5	87		
160- 4A 28T- 90/3	160	204	90	50	53.8	14	165	75	50	30	15	4	10.5	4	9.5	73		
160- 4A 32T-120/3	160	188	100	50	53.8	14	181	75	50	30	15	4	10.5	4	9.5	80		
160- 4A 35T-150/3	160	178	108	50	53.8	14	200	75	50	35	15	4	10.5	4	9.5	88		
160- 4A 35T-180/2	160	178	108	50	53.8	14	200	75	50	35	15	4	10.5	4	9.5	88		
160- 4A 35T-210/2	160	178	108	50	53.8	14	200	75	50	35	15	4	10.5	4	9.5	88		
160- 4A 40T-240/2	160	168	108	50	53.8	14	210	75	50	40	20	4	10.5	4	9.5	92		
160- 4A 40T-270/2	160	168	112	50	53.8	14	210	75	50	40	20	4	10.5	4	9.5	92		
160- 4A 47T-315/3	160	168	94	50	53.8	14	206	75	50	45	20	4	10.5	4	9.5	87		
160- 5A 22T- 90/2	160	198	72	50	53.8	14	160	75	50	25	10	5	13.0	5	11.5	71		
160- 5A 26T-120/2	160	178	84	50	53.8	14	182	75	50	30	15	5	13.0	5	11.5	82		
160- 5A 28T-150/2	160	178	84	50	53.8	14	183	75	50	30	15	5	13.0	5	11.5	82		
160- 5A 32T-180/2	160	164	88	50	53.8	14	201	75	50	30	15	5	13.0	5	11.5	90		
160- 5A 32T-210/1	160	164	88	50	53.8	14	201	75	50	30	15	5	13.0	5	11.5	90		
160- 5A 32T-240/1	160	164	88	50	53.8	14	201	75	50	30	15	5	13.0	5	11.5	90		
160- 5A 35T-270/1	160	146	96	50	53.8	14	222	75	50	35	15	5	13.0	5	11.5	99		
160- 6A 35T- 90/1	160	228	114	50	53.8	14	168	75	50	35	15	3	13.0	3	11.5	72		
160- 6A 40T-120/1	160	216	126	50	53.8	14	187	75	50	40	20	3	13.0	3	11.5	80		
160- 6A 47T-150/1	160	206	132	50	53.8	14	200	75	50	45	20	3	13.0	3	11.5	84		
160- 6A 52T-180/1	160	198	132	50	53.8	14	207	75	50	50	25	3	13.0	3	11.5	87		
160- 6A 52T-210/1	160	198	130	50	53.8	14	207	75	50	50	25	3	13.0	3	11.5	87		
160- 6A 52T-240/1	160	198	130	50	53.8	14	207	75	50	50	25	3	13.0	3	11.5	87		
160- 6A 52T-270/1	160	198	128	50	53.8	14	207	75	50	50	25	3	13.0	3	11.5	87		
160- 8A 32T- 90/1	160	188	98	50	53.8	14	181	75	50	30	15	4	10.5	4	9.5	80		
160- 8A 35T-120/1	160	178	108	50	53.8	14	200	75	50	35	15	4	10.5	4	9.5	88		
160- 8A 40T-150/1	160	168	110	50	53.8	14	210	75	50	40	20	4	10.5	4	9.5	92		
160- 8A 40T-180/1	160	168	110	50	53.8	14	210	75	50	40	20	4	10.5	4	9.5	92		
160- 8A 47T-210/1	160	168	94	50	53.8	14	206	75	50	45	20	4	10.5	4	9.5	87		
160- 8A 47T-240/1	160	168	94	50	53.8	14	206	75	50	45	20	4	10.5	4	9.5	87		
160- 8A 47T-270/1	160	168	94	50	53.8	14	206	75	50	45	20	4	10.5	4	9.5	87		

## Abmessungen

alle Darstellungen in der Mitte einer Rast



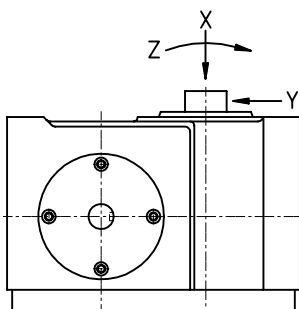
Typ	A	ØB	Kurve			Stern										
			C	ØD	E	F	ØG	ØH	ØI	L	M	n	N	Ø	n	O
160-10A 30T- 90/1	160	164	88	50	53.8	14	201	75	50	30	15	5	13.0	5	11.5	90
160-10A 30T-120/1	160	164	88	50	53.8	14	201	75	50	30	15	5	13.0	5	11.5	90
160-10A 35T-150/1	160	146	96	50	53.8	14	222	75	50	35	15	5	13.0	5	11.5	99
160-10A 40T-180/1	160	138	90	50	53.8	14	224	75	50	40	20	5	13.0	5	11.5	99
160-10A 40T-210/1	160	138	90	50	53.8	14	224	75	50	40	20	5	13.0	5	11.5	99
160-10A 40T-240/1	160	138	90	50	53.8	14	224	75	50	40	20	5	13.0	5	11.5	99
160-10A 40T-270/1	160	138	90	50	53.8	14	224	75	50	40	20	5	13.0	5	11.5	99
160-12A 26T- 90/1	160	154	76	40	43.3	12	200	75	50	30	15	3	13.0	3	11.5	91
160-12A 30T-120/1	160	133	82	40	43.3	12	221	75	50	30	15	3	13.0	3	11.5	100
160-12A 32T-150/1	160	133	82	40	43.3	12	221	75	50	30	15	3	13.0	3	11.5	100
160-12A 35T-180/1	160	121	82	40	43.3	12	237	75	50	35	15	3	13.0	3	11.5	107
160-12A 35T-210/1	160	120	82	40	43.3	12	237	75	50	35	15	3	13.0	3	11.5	107
160-12A 35T-240/1	160	120	82	40	43.3	12	237	75	50	35	15	3	13.0	3	11.5	107
160-12A 35T-270/1	160	120	82	40	43.3	12	237	75	50	35	15	3	13.0	3	11.5	107
160-16A 22T- 90/1	160	132	62	40	43.3	12	218	75	50	25	10	4	10.5	4	9.5	100
160-16A 24T-120/1	160	132	62	40	43.3	12	218	75	50	25	10	4	10.5	4	9.5	100
160-16A 26T-150/1	160	108	68	40	43.3	12	242	75	50	35	15	4	10.5	4	9.5	112
160-16A 28T-180/1	160	108	68	40	43.3	12	243	75	50	35	15	4	10.5	4	9.5	112
160-16A 30T-210/1	160	105	62	40	43.3	12	249	75	50	35	15	4	10.5	4	9.5	114
160-16A 30T-240/1	160	105	62	40	43.3	12	249	75	50	35	15	4	10.5	4	9.5	114
160-16A 30T-270/1	160	105	62	40	43.3	12	249	75	50	35	15	4	10.5	4	9.5	114
160-20A 19T- 90/1	160	118	54	40	43.3	12	231	75	50	25	10	5	13.0	5	11.5	107
160-20A 19T-120/1	160	118	54	40	43.3	12	231	75	50	25	10	5	13.0	5	11.5	107
160-20A 22T-150/1	160	94	58	40	43.3	12	256	75	50	30	15	5	13.0	5	11.5	119
160-20A 24T-180/1	160	94	54	40	43.3	12	256	75	50	30	15	5	13.0	5	11.5	119
160-20A 24T-210/1	160	94	54	40	43.3	12	256	75	50	30	15	5	13.C	5	11.5	119
160-20A 24T-240/1	160	94	54	40	43.3	12	256	75	50	30	15	5	13.0	5	11.5	119
160-20A 26T-270/1	160	94	54	40	43.3	12	256	75	50	35	15	5	13.0	5	11.5	119
160-24A 16T- 90/1	160	114	44	40	43.3	12	230	75	50	25	10	3	13.0	3	11.5	108
160-24A 19T-120/1	160	94	46	40	43.3	12	255	75	50	25	10	3	13.0	3	11.5	119
160-24A 19T-150/1	160	94	46	40	43.3	12	255	75	50	25	10	3	13.0	3	11.5	119
160-24A 19T-180/1	160	94	46	40	43.3	12	255	75	50	25	10	3	13.0	3	11.5	119
160-24A 19T-210/1	160	94	46	40	43.3	12	255	75	50	25	10	3	13.0	3	11.5	119
160-24A 22T-240/1	160	94	46	40	43.3	12	256	75	50	30	15	3	13.0	3	11.5	119
160-24A 22T-270/1	160	94	46	40	43.3	12	256	75	50	30	15	3	13.0	3	11.5	119

## zulässige Belastungen

Stationen	Schaltwinkel	$M_{\text{stat}}$ zulässiges statisches Abtriebsmoment in Nm	$M_{\text{dyn}}$ zulässiges dynamisches Abtriebsmoment in Nm					
			50 min <sup>-1</sup>	100 min <sup>-1</sup>	200 min <sup>-1</sup>	350 min <sup>-1</sup>	500 min <sup>-1</sup>	800 min <sup>-1</sup>
			<b>1</b> (360° pro Schritt)	<b>330</b>	826	739	598	477
<b>2</b> (180° pro Schritt)	<b>180</b>	839	838	681	540	420	286	104
	<b>210</b>	909	894	723	574	448	311	125
	<b>240</b>	974	920	745	595	4-75	353	198
	<b>270</b>	1439	1327	1075	861	695	534	339
	<b>300</b>	1933	1723	1396	1122	913	720	497
<b>3</b> (120° pro Schritt)	<b>120</b>	839	838	768	604	456	277	20
	<b>150</b>	943	942	829	656	506	336	101
	<b>180</b>	1439	1437	1212	967	768	561	295
	<b>210</b>	1975	1959	1587	1272	1028	792	508
	<b>240</b>	2083	1986	1610	1294	1058	843	601
	<b>270</b>	2169	1996	1618	1304	1074	874	660
<b>4</b> (90° pro Schritt)	<b>90</b>	425	424	419	342	238	97	-
	<b>120</b>	674	672	639	503	382	239	33
	<b>150</b>	856	855	823	651	504	338	108
	<b>180</b>	799	731	592	473	378	280	158
	<b>210</b>	863	754	611	491	398	312	210
	<b>240</b>	1158	1017	825	664	543	435	315
	<b>270</b>	1216	1031	836	674	556	455	348
	<b>315</b>	1878	1825	1481	1197	996	835	680
<b>5</b> (72° pro Schritt)	<b>90</b>	313	313	279	220	165	99	03
	<b>120</b>	450	449	382	301	230	147	28
	<b>150</b>	524	523	424	338	270	199	110
	<b>180</b>	779	733	594	476	385	298	193
	<b>210</b>	788	657	533	429	351	282	204
	<b>240</b>	832	667	541	436	360	295	228
	<b>270</b>	999	844	68 5	552	455	372	284
<b>6</b> (60° pro Schritt)	<b>90</b>	649	586	474	377	295	207	88
	<b>120</b>	954	837	678	542	436	330	200
	<b>150</b>	1482	1229	996	802	656	525	378
	<b>180</b>	2051	1608	1304	1052	870	716	557
	<b>210</b>	2166	1621	1315	1063	884	740	600
	<b>240</b>	2251	1618	1314	1063	887	750	624
	<b>270</b>	2315	1607	1305	1056	884	753	636
<b>8</b> (45° pro Schritt)	<b>90</b>	660	638	516	411	324	231	109
	<b>120</b>	865	830	672	538	433	329	202
	<b>150</b>	1205	1132	918	738	604	483	348
	<b>180</b>	1286	1143	927	748	619	509	397
	<b>210</b>	1824	1510	1226	992	827	699	579
	<b>240</b>	1870	1487	1207	978	818	696	587
	<b>270</b>	1904	1462	1187	961	806	690	58 9

## zulässige Belastungen

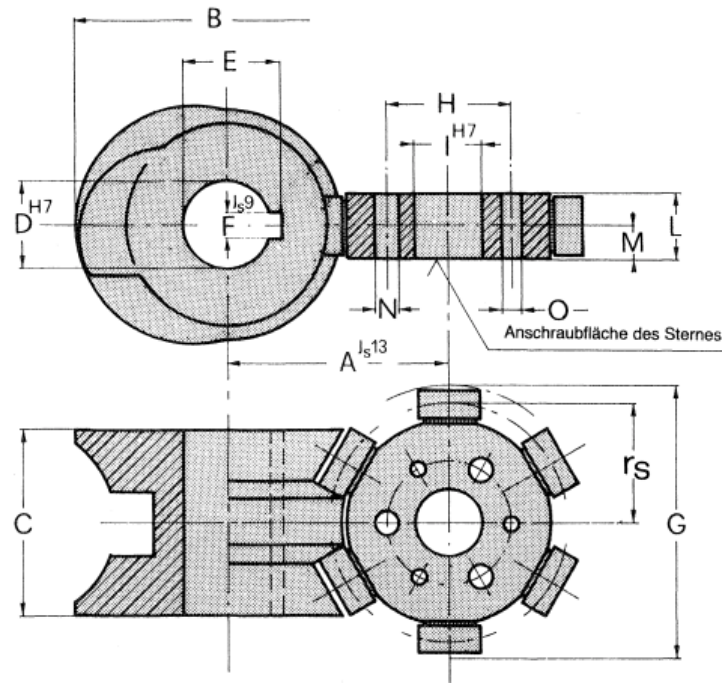
Stationen	Schaltwinkel	$M_{\text{stat}}$ zulässiges statisches Abtriebsmoment in Nm	$M_{\text{dyn}}$ zulässiges dynamisches Abtriebsmoment in Nm					
			50 min <sup>-1</sup>	100 min <sup>-1</sup>	200 min <sup>-1</sup>	350 min <sup>-1</sup>	500 min <sup>-1</sup>	800 min <sup>-1</sup>
<b>10</b> (36° pro Schritt)	90	671	670	581	461	360	250	100
	120	762	749	607	487	395	308	206
	150	1042	1041	852	685	561	448	323
	180	1401	1376	1117	901	746	617	486
	210	1460	1369	1111	898	748	628	513
	240	1502	1354	1099	889	743	629	525
	270	1533	1334	1083	877	734	626	530
<b>12</b> (30° pro Schritt)	90	560	559	528	420	330	233	104
	120	821	821	724	580	469	362	234
	150	971	971	804	648	534	434	328
	180	1184	1184	1011	815	674	555	433
	210	1237	1236	1008	815	678	567	460
	240	1274	1230	998	808	674	570	474
	270	1302	1214	985	798	668	568	480
<b>16</b> (22.5° pro Schritt)	90	509	509	507	438	347	252	130
	120	636	636	620	499	409	327	236
	150	752	751	741	596	486	385	270
	180	827	826	785	633	522	428	330
	210	1077	1076	949	767	638	534	435
	240	1105	1105	936	757	632	535	445
	270	1127	1126	921	746	624	531	449
<b>20</b> (18° pro Schritt)	90	423	422	420	395	311	220	99
	120	465	465	464	403	328	257	175
	150	648	647	646	578	474	379	275
	180	772	772	771	646	535	443	349
	210	80G	799	791	639	533	447	366
	240	819	819	778	630	526	446	372
	270	909	909	844	684	572	487	411
<b>24</b> (15° pro Schritt)	90	286	285	283	277	222	150	51
	120	489	489	488	482	392	305	201
	150	523	523	522	486	400	325	245
	180	544	544	544	480	399	331	265
	210	559	558	558	472	393	331	273
	240	742	742	741	613	513	436	368
	270	751	751	740	599	503	430	367



zulässige Kräfte auf die Abtriebswelle		
X	Y	Z
+ 39000 N - 10200 N	29000 N	1800 Nm

## Abmessungen

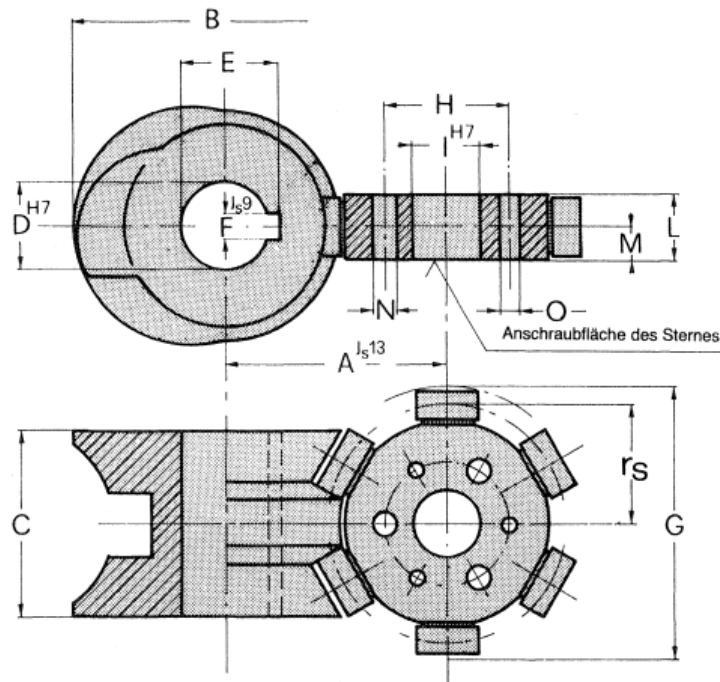
alle Darstellungen in der Mitte einer Rast



Typ	A	Kurve					Stern									
		ØB	C	ØD	E	F	ØG	ØH	ØI	L	M	n	N Ø	n	O Ø	r <sub>s</sub>
200- 1A 47T-330/23	200	284	150	60	64.4	18	212	90	70	45	20	3	15.0	3	13.5	90
200- 2A 47T-180/3	200	278	142	60	64.4	18	212	90	70	45	20	3	15.0	3	13.5	90
200- 2A 52T-210/3	200	268	156	60	64.4	18	231	90	70	50	25	3	15.0	3	13.5	99
200- 2A 52T-240/3	200	268	156	60	64.4	18	231	90	70	50	25	3	15.0	3	13.5	99
200- 2A 62T-270/3	200	256	160	60	64.4	18	250	90	70	55	25	3	15.0	3	13.5	105
200- 2A 62T-300/3	200	248	174	60	64.4	18	268	90	70	55	25	3	15.0	3	13.5	114
200- 3A 47T-120/3	200	278	142	60	64.4	18	212	90	70	45	20	3	15.0	3	13.5	90
200- 3A 52T-150/3	200	268	156	60	64.4	18	231	90	70	50	25	3	15.0	3	13.5	99
200- 3A 62T-180/3	200	256	160	60	64.4	18	250	90	70	55	25	3	15.0	3	13.5	105
200- 3A 62T-210/3	200	248	174	60	64.4	18	268	90	70	55	25	3	15.0	3	13.5	114
200- 3A 72T-240/3	200	238	170	60	64.4	18	270	90	70	60	30	3	15.0	3	13.5	114
200- 3A 72T-270/3	200	238	170	60	64.4	18	270	90	70	60	30	3	15.0	3	13.5	114
200- 4A 35T- 90/3	200	248	120	60	64.4	18	214	90	70	.35	15	4	15.0	4	13.5	95
200- 4A 40T-120/3	200	236	124	60	64.4	18	230	90	70	40	20	4	15.0	4	13.5	102
200- 4A 47T-150/3	200	218	132	60	64.4	18	251	90	70	45	20	4	15.0	4	13.5	110
200- 4A 40T-180/2	200	236	128	60	64.4	18	230	90	70	40	20	4	15.0	4	13.5	102
200- 4A 47T-210/2	200	218	132	60	64.4	18	251	90	70	45	20	4	15.0	4	13.5	110
200- 4A 52T-240/2	200	208	138	60	64.4	18	268	90	70	50	25	4	15.0	4	13.5	118
200- 4A 52T-270/2	200	208	138	60	64.4	18	268	90	70	50	25	4	15.0	4	13.5	118
200- 4A 62T-315/3	200	214	150	60	64.4	18	277	130	70	55	25	4	15.0	4	13.5	119
200- 5A 281- 90/2	200	246	90	60	64.4	18	197	90	70	30	15	5	15.0	5	13.5	89
200- 5A 321-120/2	200	228	98	60	64.4	18	217	90	70	30	15	5	15.0	5	13.5	98
200- 5A 351-150/2	200	214	106	60	64.4	18	235	90	70	35	15	5	15.0	5	13.5	106
200- 5A 40T-180/2	200	198	112	60	64.4	18	256	90	70	40	20	5	15.0	5	13.5	115
200- 5A 40T-210/1	200	198	112	60	64.4	18	256	90	70	40	20	5	15.0	5	13.5	115
200- 5A 40T-240/1	200	198	112	60	64.4	18	256	90	70	40	20	5	15.0	5	13.5	115
200- 5A 40T-270/1	200	198	112	60	64.4	18	256	90	70	40	20	5	15.0	5	13.5	115
200- 6A 47T- 90/1	200	278	142	60	64.4	18	212	90	70	45	20	3	15.0	3	13.5	90
200- 6A 52T-120/1	200	268	156	60	64.4	18	231	90	70	50	25	3	15.0	3	13.5	99
200- 6A 62T-150/1	200	256	160	60	64.4	18	250	90	70	55	25	3	15.0	3	13.5	105
200- 6A 62T-180/1	200	248	174	60	64.4	18	268	90	70	55	25	3	15.0	3	13.5	114
200- 6A 72T-210/1	200	238	170	60	64.4	18	270	90	70	60	30	3	15.0	3	13.5	114
200- 6A 72T-240/1	200	238	170	60	64.4	18	270	90	70	60	30	3	15.0	3	13.5	114
200- 6A 80T-270/1	200	228	154	60	64.4	18	269	130	70	60	30	3	15.0	3	13.5	109
200- 8A 40T- 90/1	200	236	128	60	64.4	18	230	90	70	40	20	4	15.0	4	13.5	102
200- 8A 47T-120/1	200	218	132	60	64.4	18	251	90	70	45	20	4	15.0	4	13.5	110
200- 8A 52T-150/1	200	208	138	60	64.4	18	268	90	70	50	25	4	15.0	4	13.5	118
200- 8A 52T-180/1	200	208	138	60	64.4	18	268	90	70	50	25	4	15.0	4	13.5	118
200- 8A 62T-210/1	200	196	132	60	64.4	18	277	130	70	55	25	4	15.0	4	13.5	119
200- 8A 62T-240/1	200	196	132	60	64.4	18	277	130	70	55	25	4	15.0	4	13.5	119
200- 8A 62T-270/1	200	196	132	60	64.4	18	277	130	70	55	25	4	15.0	4	13.5	119

## Abmessungen

alle Darstellungen in der Mitte einer Rast

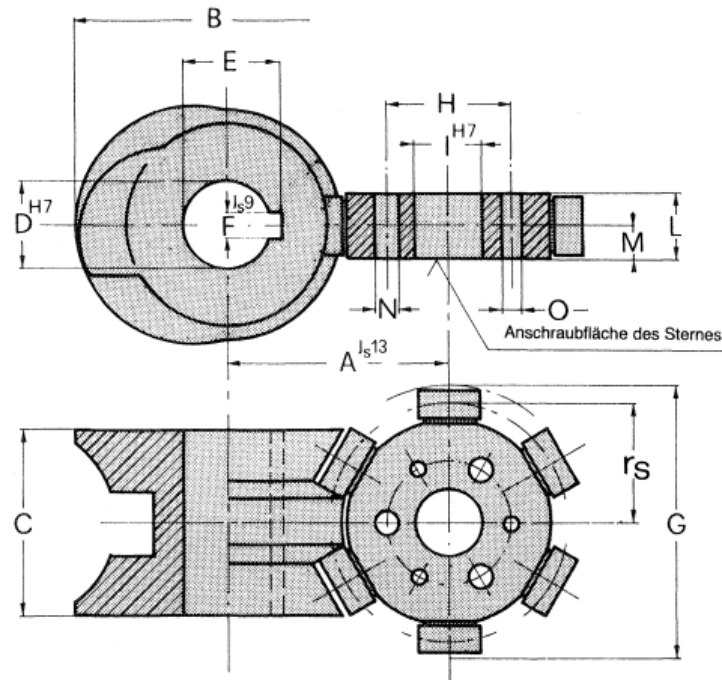


Typ	A	ØB	Kurve			Stern										
			C	ØD	E	F	ØG	ØH	ØI	L	M	n	N	Ø	n	O
200-10A 35T- 90/1	200	214	106	60	64.4	18	235	90	70	35	15	5	15.0	5	13.5	106
200-10A 40T-120/1	200	198	112	60	64.4	18	256	90	70	40	20	5	15.0	5	13.5	115
200-10A 47T-150/1	200	176	120	60	64.4	18	283	90	70	45	20	5	15.0	5	13.5	126
200-10A 47T-180/1	200	174	118	60	64.4	18	283	90	70	45	20	5	15.0	5	13.5	126
200-10A 52T-210/1	200	168	114	60	64.4	18	286	90	70	50	25	5	15.0	5	13.5	127
200-10A 52T-240/1	200	168	114	60	64.4	18	286	90	70	50	25	5	15.0	5	13.5	127
200-10A 52T-270/1	200	168	114	60	64.4	18	286	90	70	50	25	5	15.0	5	13.5	127
200-12A 32T- 90/1	200	194	94	50	53.8	14	247	90	70	35	15	3	15.0	3	13.5	113
200-12A 35T-120/1	200	174	100	50	53.8	14	269	90	70	35	15	3	15.0	3	13.5	123
200-12A 40T-150/1	200	157	104	50	53.8	14	286	90	70	40	20	3	15.0	3	13.5	130
200-12A 40T-180/1	200	157	104	50	53.8	14	286	90	70	40	20	3	15.0	3	13.5	130
200-12A 40T-210/1	200	157	104	50	53.8	14	286	90	70	40	20	3	15.0	3	13.5	130
200-12A 47T-240/1	200	165	90	50	53.8	14	285	90	70	45	20	3	15.0	3	13.5	127
200-12A 47T-270/1	200	165	90	50	53.8	14	285	90	70	45	20	3	15.0	3	13.5	127
200-16A 28T- 90/1	200	166	74	50	53.8	14	265	90	70	35	15	4	15.0	4	13.5	123
200-16A 32T-120/1	200	143	82	50	53.8	14	291	90	70	35	15	4	15.0	4	13.5	135
200-16A 32T-150/1	200	143	82	50	53.8	14	291	90	70	35	15	4	15.0	4	13.5	135
200-16A 35T-180/1	200	125	84	50	53.8	14	314	90	70	35	15	4	15.0	4	13.5	145
200-16A 35T-210/1	200	125	84	50	53.8	14	314	90	70	35	15	4	15.0	4	13.5	145
200-16A 35T-240/1	200	125	84	50	53.8	14	314	90	70	35	15	4	15.0	4	13.5	145
200-16A 35T-270/1	200	125	84	50	53.8	14	314	90	70	35	15	4	15.0	4	13.5	145
200-20A 24T- 90/1	200	152	64	40	43.3	12	278	90	70	30	15	5	15.0	5	13.5	130
200-20A 26T-120/1	200	132	68	40	43.3	12	299	90	70	35	15	5	15.0	5	13.5	140
200-20A 28T-150/1	200	132	68	40	43.3	12	299	90	70	35	15	5	15.0	5	13.5	140
200-20A 30T-180/1	200	116	68	40	43.3	12	319	90	70	35	15	5	15.0	5	13.5	149
200-20A 32T-210/1	200	116	68	40	43.3	12	319	90	70	35	15	5	15.0	5	13.5	149
200-20A 32T-240/1	200	116	68	40	43.3	12	319	90	70	35	15	5	15.0	5	13.5	149
200-20A 32T-270/1	200	116	68	40	43.3	12	319	90	70	35	15	5	15.0	5	13.5	149
200-24A 19T- 90/1	200	142	56	40	43.3	12	287	90	70	25	10	3	15.0	3	13.5	135
200-24A 24T-120/1	200	122	56	40	43.3	12	308	90	70	30	15	3	15.0	3	13.5	145
200-24A 24T-150/1	200	122	56	40	43.3	12	308	90	70	30	15	3	15.0	3	13.5	145
200-24A 26T-180/1	200	96	60	40	43.3	12	335	90	70	35	15	3	15.0	3	13.5	158
200-24A 26T-210/1	200	96	60	40	43.3	12	335	90	70	35	15	3	15.0	3	13.5	158
200-24A 28T-240/1	200	96	60	40	43.3	12	335	90	70	35	15	3	15.0	3	13.5	158
200-24A 28T-270/1	200	96	60	40	43.3	12	335	90	70	35	15	3	15.0	3	13.5	158



## Abmessungen

alle Darstellungen in der Mitte einer Rast

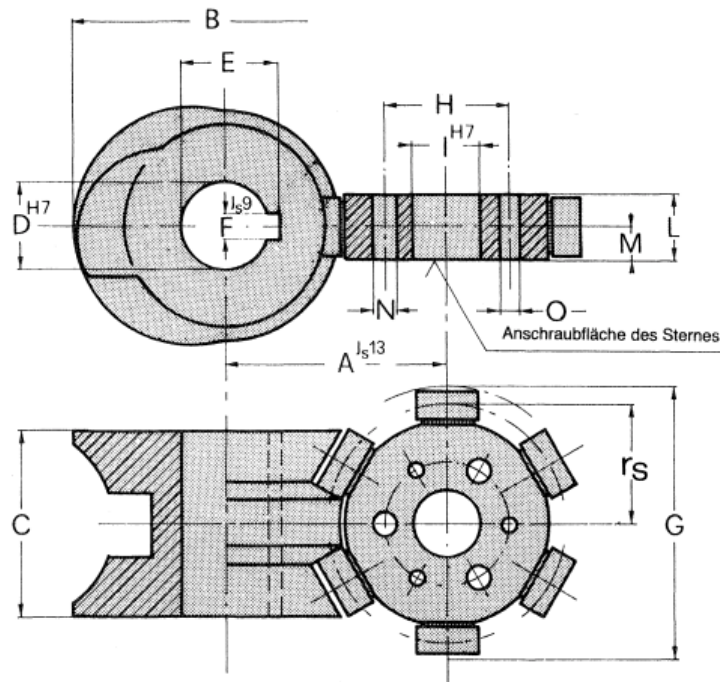


Typ	A	ØB	C	Kurve			Stern									
				ØD	E	F	ØG	ØH	ØI	L	M	n	Ø	n	Ø	r <sub>s</sub>
250- 1A 62T-330/23	250	348	194	70	74.9	20	271	110	80	55	25	3	17.0	3	15.0	116
250- 2A 62T-180/3	250	348	182	70	74.9	20	271	110	80	55	25	3	17.0	3	15.0	116
250- 2A 62T-210/3	250	348	182	70	74.9	20	271	110	80	55	25	3	17.0	3	15.0	116
250- 2A 72T-240/3	250	332	192	70	74.9	20	293	110	80	60	30	3	17.0	3	15.0	126
250- 2A 72T-270/3	250	332	192	70	74.9	20	293	110	80	60	30	3	17.0	3	15.0	126
250- 2A 80T-300/3	250	308	212	70	74.9	20	327	110	80	60	30	3	17.0	3	15.0	139
250- 3A 62T-120/3	250	348	182	70	74.9	20	271	110	80	55	25	3	17.0	3	15.0	116
250- 3A 72T-150/3	250	332	192	70	74.9	20	293	110	80	60	30	3	17.0	3	15.0	126
250- 3A 72T-180/3	250	332	192	70	74.9	20	293	110	80	60	30	3	17.0	3	15.0	126
250- 3A 80T-210/3	250	308	212	70	74.9	20	327	110	80	60	30	3	17.0	3	15.0	139
250- 3A 80T-240/3	250	308	212	70	74.9	20	327	110	80	60	30	3	17.0	3	15.0	139
250- 3A 80T-270/3	250	296	224	70	74.9	20	342	110	80	60	30	3	17.0	3	15.0	147
250- 4A 47T- 90/3	250	316	142	70	74.9	20	261	110	80	45	20	4	17.0	4	15.0	115
250- 4A 52T-120/3	250	296	154	70	74.9	20	286	110	80	50	25	4	17.0	4	15.0	127
250- 4A 52T-150/3	250	296	154	70	74.9	20	286	110	80	50	25	4	17.0	4	15.0	127
250- 4A 52T-180/2	250	294	158	70	74.9	20	286	110	80	50	25	4	17.0	4	15.0	127
250- 4A 62T-210/2	250	268	168	70	74.9	20	321	110	80	55	25	4	17.0	4	15.0	141
250- 4A 62T-240/2	250	268	168	70	74.9	20	321	110	80	55	25	4	17.0	4	15.0	141
250- 4A 62T-270/2	250	268	168	70	74.9	20	321	110	80	55	25	4	17.0	4	15.0	141
250- 4A 80T-315/3	250	246	136	70	74.9	20	366	110	80	60	30	4	17.0	4	15.0	159
250- 5A 35T- 90/2	250	308	112	70	74.9	20	245	110	80	35	15	5	17.0	5	15.0	111
250- 5A 40T-120/2	250	278	128	70	74.9	20	280	110	80	40	20	5	17.0	5	15.0	127
250- 5A 40T-150/2	250	278	128	70	74.9	20	280	110	80	40	20	5	17.0	5	15.0	127
250- 5A 47T-180/2	250	258	134	70	74.9	20	305	110	80	45	20	5	17.0	5	15.0	137
250- 5A 47T-210/1	250	254	134	70	74.9	20	305	110	80	45	20	5	17.0	5	15.0	137
250- 5A 52T-240/1	250	236	146	70	74.9	20	332	110	80	50	25	5	17.0	5	15.0	150
250- 5A 52T-270/1	250	236	146	7C	74.9	20	332	110	80	50	25	5	17.0	5	15.0	150
250- 6A 62T- 90/1	250	348	182	70	74.9	20	271	110	80	55	25	3	17.0	3	15.0	116
250- 6A 72T-120/1	250	332	192	70	74.9	20	293	110	80	60	30	3	17.0	3	15.0	126
250- 6A 80T-150/1	250	308	212	70	74.9	20	327	110	80	60	30	3	17.0	3	15.0	139
250- 6A 80T-180/1	250	308	212	70	74.9	20	327	110	80	60	30	3	17.0	3	15.0	139
250- 6A 80T-210/1	250	296	224	70	74.9	20	342	110	80	60	30	3	17.0	3	15.0	147
250- 6A 80T-240/1	250	296	224	70	74.9	20	342	110	80	60	30	3	17.0	3	15.0	147
250- 6A 80T-270/1	250	296	224	70	74.9	20	342	110	80	60	30	3	17.0	3	15.0	147
250- 8A 52T- 90/1	250	294	158	70	74.9	20	286	110	80	50	25	4	17.0	4	15.0	127
250- 8A 62T-120/1	250	268	168	70	74.9	20	321	110	80	55	25	4	17.0	4	15.0	141
250- 8A 62T-150/1	250	268	168	70	74.9	20	321	110	80	55	25	4	17.0	4	15.0	141
250- 8A 72T-180/1	250	238	182	70	74.9	20	353	110	80	60	30	4	17.0	4	15.0	156
250- 8A 72T-210/1	250	238	182	70	74.9	20	353	110	80	60	30	4	17.0	4	15.0	156
250- 8A 80T-240/1	250	228	176	70	74.9	20	366	110	80	60	30	4	17.0	4	15.0	159
250- 8A 80T-270/1	250	228	176	70	74.9	20	366	110	80	60	30	4	17.0	4	15.0	159



## Abmessungen

alle Darstellungen in der Mitte einer Rast



Typ	A	ØB	C	Kurve			ØG	ØH	ØI	L	Stern					r <sub>s</sub>
				ØD	E	F					M	n	Ø	n	Ø	
250-10A 47T- 90/1	250	258	134	70	74.9	20	305	110	80	45	20	5	17.0	5	15.0	137
250-10A 52T-120/1	250	236	146	70	74.9	20	332	110	80	50	25	5	17.0	5	15.0	150
250-10A 52T-150/1	250	236	146	70	74.9	20	332	110	80	50	25	5	17.0	5	15.0	150
250-10A 62T-180/1	250	206	156	70	74.9	20	368	110	80	55	25	5	17.0	5	15.0	165
250-10A 62T-210/1	250	206	156	70	74.9	20	368	110	80	55	25	5	17.0	5	15.0	165
250-10A 62T-240/1	250	206	156	70	74.9	20	368	110	80	55	25	5	17.0	5	15.0	165
250-10A 72T-270/1	250	198	142	70	74.9	20	370	110	80	60	30	5	17.0	5	15.0	165
250-12A 40T- 90/1	250	238	116	60	64.4	18	310	110	80	40	20	3	17.0	3	15.0	142
250-12A 47T-120/1	250	218	122	60	64.4	18	337	110	80	45	20	3	17.0	3	15.0	153
250-12A 52T-150/1	250	186	132	60	64.4	18	366	110	80	50	25	3	17.0	3	15.C	167
250-12A 52T-180/1	250	186	132	60	64.4	18	366	110	80	50	25	3	17.0	3	15.0	167
250-12A 52T-210/1	250	186	132	60	64.4	18	366	110	80	50	25	3	17.0	3	15.0	167
250-12A 52T-240/1	250	186	132	60	64.4	18	366	110	80	50	25	3	17.0	3	15.0	167
250-12A 62T-270/1	250	184	122	60	64.4	18	376	110	80	55	25	3	17.0	3	15.0	169
250-16A 35T- 90/1	250	209	92	60	64.4	18	330	110	80	35	15	4	17.0	4	15.0	153
250-16A 40T-120/1	250	177	100	60	64.4	18	366	110	80	40	20	4	17.0	4	15.0	170
250-16A 40T-150/1	250	177	100	60	64.4	18	366	110	80	40	20	4	17.0	4	15.0	170
250-16A 40T-180/1	250	177	100	60	64.4	18	366	110	80	40	20	4	17.0	4	15.0	170
250-16A 47T-210/1	250	166	98	60	64.4	18	385	110	80	45	20	4	17.0	4	15.0	177
250-16A 47T-240/1	250	166	98	60	64.4	18	385	110	80	45	20	4	17.0	4	15.0	177
250-16A 47T-270/1	250	166	98	60	64.4	18	385	110	80	45	20	4	17.0	4	15.0	177
250-20A 30T- 90/1	250	182	82	50	53.8	14	353	110	80	40	20	5	17.0	5	15.0	166
250-20A 32T-120/1	250	182	82	50	53.8	14	353	110	80	40	20	5	17.0	5	15.0	166
250-20A 35T-150/1	250	152	86	50	53.8	14	388	110	80	40	20	5	17.0	5	15.0	182
250-20A 35T-180/1	250	152	86	50	53.8	14	388	110	80	40	20	5	17.0	5	15.0	182
250-20A 40T-210/1	250	139	84	50	53.8	14	405	110	80	40	20	5	17.0	5	15.0	189
250-20A 40T-240/1	250	139	84	50	53.8	14	405	110	80	40	20	5	17.0	5	15.0	189
250-20A 40T-270/1	25C	139	84	50	53.8	14	4C5	110	80	40	20	5	17.0	5	15.0	189
250-24A 26T- 90/1	250	174	68	50	53.8	14	357	110	80	40	20	3	17.0	3	15.0	169
250-24A 30T-120/1	250	142	74	50	53.8	14	394	110	80	40	20	3	17.0	3	15.0	186
250-24A 32T-150/1	250	142	74	50	53.8	14	394	110	80	40	20	3	17.0	3	15.0	186
250-24A 32T-180/1	250	142	74	50	53.8	14	394	110	80	40	20	3	17.0	3	15.0	186
250-24A 32T-210/1	250	142	74	50	53.8	14	394	110	80	40	20	3	17.0	3	15.0	186
250-24A 35T-240/1	250	122	72	50	53.8	14	418	110	80	40	20	3	17.0	3	15.0	197
250-24A 35T-270/1	250	122	72	50	53.8	14	418	110	80	40	20	3	17.0	3	15.0	197

# Zulässige Belastungen *rotoblock*-Schrittgetriebe Baureihe 315

Seite 1/2

Baureihe	Stationen	Schaltwinkel	<b>M<sub>stat</sub></b> zulässiges statisches Abtriebsmoment in Nm	<b>M<sub>dyn</sub></b> zulässiges dynamisches Abtriebsmoment in Nm					
				50 min <sup>-1</sup>	100 min <sup>-1</sup>	200 min <sup>-1</sup>	350 min <sup>-1</sup>	500 min <sup>-1</sup>	800 min <sup>-1</sup>
<b>315</b>	<b>2</b>	<b>330</b>	9246	7255	5824	4453	2995	917	-
	<b>4</b>	<b>210</b>	9006	6388	5143	3992	2860	1362	-
		<b>240</b>	9548	6510	5253	4125	3093	1832	-
		<b>270</b>	10040	6805	5491	4318	3253	1965	101
		<b>315</b>	11694	9320	7532	5966	4622	3104	1012
	<b>5</b>	<b>120</b>	3246	2882	2279	1605	673	-	-
		<b>150</b>	3639	3030	2422	1810	1092	-	-
		<b>180</b>	6038	4801	3853	2946	1980	603	-
		<b>210</b>	6112	4311	3472	2701	1951	972	-
		<b>240</b>	6467	4384	3538	2783	2099	1272	78
		<b>270</b>	7817	5326	4600	3386	2567	1590	188
	<b>8</b>	<b>120</b>	9030	7030	5647	4336	2969	1055	-
		<b>150</b>	9942	7458	6007	4675	3383	1700	-
		<b>180</b>	10688	7596	6135	4841	3698	2358	460
		<b>210</b>	11228	7623	6165	4903	3855	2727	1227
		<b>240</b>	11626	7585	6141	4908	3927	2939	1700
		<b>270</b>	11925	7510	6085	4879	3949	3062	2004
	<b>10</b>	<b>90</b>	3728	3358	2679	1982	1138	-	-
		<b>120</b>	6467	5392	4334	3338	2314	900	-
		<b>150</b>	8140	6613	5328	4156	3034	1593	-
		<b>180</b>	11614	9291	7503	5919	4516	2866	525
		<b>210</b>	12242	9355	7566	6017	4728	3337	1487
		<b>240</b>	12709	9332	7556	6038	4830	3612	2083
		<b>270</b>	13061	9260	7502	6015	4869	3773	2467
	<b>12</b>	<b>90</b>	4052	3977	3172	2343	1331	-	-
		<b>120</b>	6954	6392	5135	3944	2073	968	-
		<b>150</b>	7544	6492	5237	4108	3069	1789	-
		<b>180</b>	9225	8102	6538	5139	3867	2324	87
		<b>210</b>	9719	8153	6591	5228	4069	2780	1022
		<b>240</b>	10086	8131	6580	5248	4169	3048	1605
		<b>270</b>	10363	8065	6532	5229	4209	3208	1982
	<b>16</b>	<b>90</b>	2554	2540	2289	1675	901	-	-
		<b>120</b>	3957	3945	3396	2599	1754	554	-
		<b>150</b>	5414	5402	4555	3539	2545	1236	-
		<b>180</b>	5746	5688	4592	3619	2749	1715	238
		<b>210</b>	5979	5653	4571	3631	2842	1978	816
<b>240</b>		9454	8547	6922	5540	4456	3387	2075	
<b>270</b>		9676	8445	6843	5494	4464	3500	2376	

# Zulässige Belastungen *rotoblock*-Schrittgetriebe Baureihe 315

Seite 2/2

Baureihe	Stationen	Schaltwinkel	$M_{\text{stat}}$ zulässiges statisches Abtriebsmoment in Nm	$M_{\text{dyn}}$ zulässiges dynamisches Abtriebsmoment in Nm					
				50 min <sup>-1</sup>	100 min <sup>-1</sup>	200 min <sup>-1</sup>	350 min <sup>-1</sup>	500 min <sup>-1</sup>	800 min <sup>-1</sup>
				<b>315</b>	<b>20</b>	<b>90</b>	2193	2179	2098
<b>120</b>	3040	3028	2945			2239	1468	345	-
<b>150</b>	3254	3246	2965			2311	1682	869	-
<b>180</b>	4766	4758	4318			3407	2601	1657	318
<b>210</b>	4951	4946	4291			3412	2679	1888	833
<b>240</b>	6522	6516	5423			4338	3481	2628	1571
<b>270</b>	6658	6601	5348			4291	3481	2714	1811
<b>24</b>	<b>90</b>	2323	2307		2258	1791	935	-	-
	<b>120</b>	2540	2531		2497	1911	1290	407	-
	<b>150</b>	3398	3389		3362	2736	1994	1038	-
	<b>180</b>	3574	3567		3504	2767	2118	1361	294
	<b>210</b>	3693	3689		3464	2755	2167	1534	693
	<b>240</b>	3778	3774		3408	2724	2178	1627	935
	<b>270</b>	3839	3836		3346	2683	2170	1678	1089