

horizontal nc table

		ATC 125	ATC 125	ATC 160	ATC 160	ATC 250	ATC 250	ATC 300	ATC 300	ATC 350	ATC 350
Faceplate diameter min.	mm	140		160		200		260		300	
Axis of rotation	./.	horiz.	vert.	horiz.	vert.	horiz.	vert.	horiz.	vert.	horiz.	vert.
Load capacity	kg	140	360	200	480	450	900	550	1.200	900	1.800
Max. revolutions per minute	Rpm	166		100		64		50		42	
Bearing diameter	mm	121 x 70		146 x 80		179 x 120		230 x 155		280 x 185	
Worm gear ratio	./.	36		60		60		72		72	
Max. center bore diameter	mm	42		42		42		42		60	
Drive torque	Nm	1,6		2,5		6		9		20	
Unit weight	kg	40		50		70		140		240	
Max. tilting moment at the axis of rotation	Nm	500	600	1.200	1.500	3.200	4.000	4.000	5.000	6.600	8.000
Max. axial load	N	2.400	4.000	4.500	7.500	9.000	20.000	17.000	30.000	27.000	40.000
Max. mass moment of inertia	kgm ²	1,2		3		15		40		50	
Max. tangential torque with clamping actuated	Nm	600		1.000		1.600		2.500		4.000	
Max. tangential torque without clamping	Nm	100		215		460		1.280		2.100	
Clamping type	./.	hyd./pneu.		hyd./pneu.		hyd./pneu.		hyd./pneu.		hyd./pneu.	
Max. clamping pressure	bar ü	63 / 6		63 / 6		63 / 6		63 / 6		63 / 6	
Dividing accuracy at the worm drive	"	+/- 16		+/- 11		+/- 11		+/- 10		+/- 7	
Dividing accuracy with direct mounted encoder	"	+/- 3		+/- 3		+/- 3		+/- 3		+/- 3	
Repeatability	"	+/- 1		+/- 1		+/- 1		+/- 1		+/- 1	
Concentricity of the pilot diameter	mm	0,01		0,01		0,01		0,01		0,01	
Rectangularity including wobble	mm	0,02		0,02		0,02		0,02		0,02	
Plain parallelism including wobble	mm		0,01		0,01		0,01		0,01		0,01
Center height	mm	120		140		150		230		245	
Table height	mm		153		169		166		217		256

Many options and modifications are available to enhance the standard designs. We will gladly quote to your specific requirements. Please contact us.

peiseler GmbH & Co. KG • Morsbachtalstraße 1 u. 3 • D - 42855 Remscheid • Fon + 49 - 2191 - 913 0 • Fax + 49 - 2191 - 913 164 • E-Mail peiseler.rs@peiseler.de • Homepage <http://www.peiseler.de> <http://www.peiseler.com>

We reserve the right for technical alterations and do not guarantee the correctness of indicated data. The dimensions can vary and are design dependant. Please note the preface. Partial extractions from the data sheets may lead to an incorrect equipment selection and specification.

Rev. 5.0 / 30.06.2016



nc rotary - tilt unit

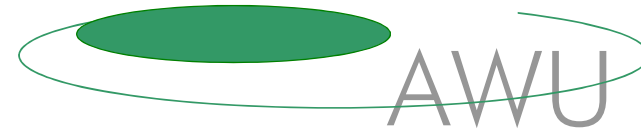
		ZATC 125		ZATC 160		ZATC 250		ZATC 300	
		A-Axis	C-Axis	A-Axis	C-Axis	A-Axis	C-Axis	A-Axis	C-Axis
Faceplate diameter min.	mm		140		160		200		260
Axis of rotation	./.	horiz.	vertik.	horiz.	vertik.	horiz.	vertik.	horiz.	vertik.
Load capacity	kg		50		100		150		200
Max. revolutions per minute	Rpm	100	166	64	100	50	64	21	50
Bearing diameter	mm	146 x 80	120 x 70	179 x 120	146 x 80	230 x 155	179 x 120	280 x 185	230 x 155
Worm gear ratio	./.	60	36	60	60	72	60	72	72
Max. center bore diameter	mm		42		42		42		42
Drive torque	Nm	2,5	1,6	6	2,5	9	6	20	9
Unit weight	kg	94		126		250		515	
Max. tilting moment at the axis of rotation	Nm		400		1.000		2.700		3.500
Max. axial load	N		500		1.200		2.300		3.000
Max. mass moment of inertia	kgm ²		0,6		1,5		7,5		20
Max. tangential torque with clamping actuated	Nm	1.000	600	1.600	1.000	2.500	1.600	4.000	2.500
Max. tangential torque without clamping	Nm	215	100	460	215	1.280	460	2.100	1.280
Clamping type	./.	hyd./pneu.	hyd./pneu.	hyd./pneu.	hyd./pneu.	hyd./pneu.	hyd./pneu.	hyd./pneu.	hyd./pneu.
Max. clamping pressure	bar g	63 / 6	63 / 6	63 / 6	63 / 6	63 / 6	63 / 6	63 / 6	63 / 6
Dividing accuracy at the worm drive	"	+/- 11	+/- 16	+/- 11	+/- 11	+/- 10	+/- 11	+/- 7	+/- 10
Dividing accuracy with direct mounted encoder	"	+/- 3	+/- 3	+/- 3	+/- 3	+/- 3	+/- 3	+/- 3	+/- 3
Repeatability	"	+/- 1	+/- 1	+/- 1	+/- 1	+/- 1	+/- 1	+/- 1	+/- 1
Concentricity of the pilot diameter	mm		0,01		0,01		0,01		0,01
Plain parallelism including wobble	mm		0,01		0,01		0,01		0,01
Table height	mm		230		263		249		346
Center height	mm	192		220		253		288	

Many options and modifications are available to enhance the standard designs. We will gladly quote to your specific requirements. Please contact us.

peiseler GmbH & Co. KG • Morsbachtalstraße 1 u. 3 • D - 42855 Remscheid • Fon + 49 - 2191 - 913 0 • Fax + 49 - 2191 - 913 164 • E-Mail peiseler.rs@peiseler.de • Homepage <http://www.peiseler.de> <http://www.peiseler.com>

We reserve the right for technical alterations and do not guarantee the correctness of indicated data. The dimensions can vary and are design dependant. Please note the preface. Partial extractions from the data sheets may lead to an incorrect equipment selection and specification.

Rev. 5.0 / 30.06.2016



horizontal nc table

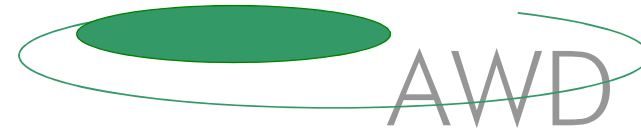
		AWU 520	AWU 630	AWU 800 A	AWU 800 B	AWU 1000	AWU 1250	AWU 1600
Faceplate diameter min.	mm	520	670	800	800	1.030	1.270	1.600
Axis of rotation	./.	horiz.	horiz.	horiz.	horiz.	horiz.	horiz.	horiz.
Load capacity	kg	1.200	2.000	3.000	3.500	6.000	9.000	13.000
Max. revolutions per minute	Rpm	30	20	11	10	9	9	4
Bearing diameter	mm	450 x 325	525 x 395	600 x 460	750 x 580	870 x 650	1.095 x 850	1.300 x 1.030
Worm gear ratio	./.	100	120	180	144	180	180	180
Max. center bore diameter	mm	190	250	340	400	400	500	700
Drive torque	Nm	27	27	50	50	50	50	70
Unit weight	kg	810	1.250	1.400	1.800	3.500	5.500	8.700
Max. tilting moment at the axis of rotation	Nm	16.000	28.000	40.000	38.000	60.000	90.000	140.000
Max. axial load	N	50.000	65.000	80.000	100.000	120.000	180.000	260.000
Max. mass moment of inertia	kgm ²	740	1.200	1.700	3.100	5.400	9.600	24.000
Max. tangential torque with clamping actuated	Nm	5.000	10.000	14.000	25.000	27.500	40.000	46.000
Max. tangential torque without clamping	Nm	3.600	8.100	8.000	20.100	22.800	38.000	74.000
Clamping type	./.	hyd.	hyd.	hyd.	hyd.	hyd.	hyd.	hyd.
Max. clamping pressure	bar ü	63	63	63	63	63	63	63
Dividing accuracy at the worm drive	"	+/- 10	+/- 10	+/- 10	+/- 10	+/- 10	+/- 10	+/- 10
Dividing accuracy with direct mounted encoder	"	+/- 3	+/- 3	+/- 3	+/- 3	+/- 3	+/- 3	+/- 3
Repeatability	"	+/- 1	+/- 1	+/- 1	+/- 1	+/- 1	+/- 1	+/- 1
Concentricity of the pilot diameter	mm	0,01	0,01	0,01	0,01	0,01	0,01	0,01
Rectangularity including wobble	mm	0,02	0,02	0,03	0,03	0,04	0,04	0,05
Center height	mm	350	380	540	540	700	800	850

Many options and modifications are available to enhance the standard designs. We will gladly quote to your specific requirements. Please contact us.

peiseler GmbH & Co. KG • Morsbachtalstraße 1 u. 3 • D - 42855 Remscheid • Fon + 49 - 2191 - 913 0 • Fax + 49 - 2191 - 913 164 • E-Mail peiseler.rs@peiseler.de • Homepage <http://www.peiseler.de> <http://www.peiseler.com>

We reserve the right for technical alterations and do not guarantee the correctness of indicated data. The dimensions can vary and are design dependant. Please note the preface. Partial extractions from the data sheets may lead to an incorrect equipment selection and specification.

Rev. 5.0 / 30.06.2016



horizontal direct drive table

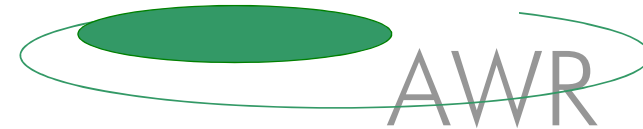
		AWD 100	AWD 160	AWD 200	AWD 280	AWD 355	AWD 400	AWD 520
Faceplate diameter min.	mm	160	200	230	260	320	410	530
Axis of rotation	./.	horiz.	horiz.	horiz.	horiz.	horiz.	horiz.	horiz.
Load capacity	kg	80	150	280	400	650	1.000	1.200
Max. revolutions per minute	Rpm	350	280	200	200	190	130	110
Bearing diameter	mm	126 x 50	146 x 80	210 x 120	240 x 150	280 x 180	385 x 260	450 x 325
Max. center bore diameter	mm	35	40	105	120	140	150	190
Unit weight	kg	45	66	70	110	240	590	750
Max. tilting moment at the axis of rotation	Nm	800	1.200	2.500	5.000	6.500	8.500	16.000
Max. axial load	N	3.000	5.000	10.000	20.000	30.000	40.000	50.000
Max. mass moment of inertia	kgm ²	1	2	6	12	20	25	740
Max. tangential torque with clamping actuated	Nm	80	800	1.200	2.200	2.500	3.200	6.000
Max. tangential torque without clamping	Nm	90	310	440	670	1.320	2.100	3.500
Clamping type	./.	hyd.	hyd.	hyd.	hyd.	hyd.	hyd.	hyd.
Max. clamping pressure	bar g	63	63	63	63	63	63	63
Dividing accuracy with direct mounted encoder	"	+/- 3	+/- 3	+/- 3	+/- 3	+/- 3	+/- 3	+/- 3
Repeatability	"	+/- 1	+/- 1	+/- 1	+/- 1	+/- 1	+/- 1	+/- 1
Concentricity of the pilot diameter	mm	0,01	0,01	0,01	0,01	0,01	0,01	0,01
Rectangularity including wobble	mm	0,01	0,01	0,01	0,01	0,01	0,01	0,02
Center height	mm	125	165	210	210	260	300	380

Many options and modifications are available to enhance the standard designs. We will gladly quote to your specific requirements. Please contact us.

peiseler GmbH & Co. KG • Morsbachtalstraße 1 u. 3 • D - 42855 Remscheid • Fon + 49 - 2191 - 913 0 • Fax + 49 - 2191 - 913 164 • E-Mail peiseler.rs@peiseler.de • Homepage <http://www.peiseler.de> <http://www.peiseler.com>

We reserve the right for technical alterations and do not guarantee the correctness of indicated data. The dimensions can vary and are design dependant. Please note the preface. Partial extractions from the data sheets may lead to an incorrect equipment selection and specification.

Rev. 5.0 / 30.06.2016



horizontal nc table

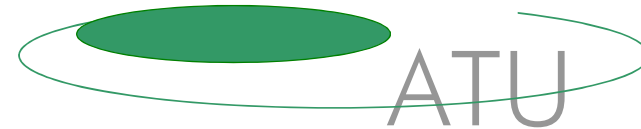
		AWR 350	AWR 400	AWR 520	AWR 630	AWR 800	AWR 1000
Faceplate diameter min.	mm	300	420	520	670	800	1.030
Axis of rotation	./.	horiz.	horiz.	horiz.	horiz.	horiz.	horiz.
Load capacity	kg	400	800	1.200	2.000	3.000	6.000
Max. revolutions per minute	Rpm	27	23	23	16	8	5
Bearing diameter	mm	280 x 180	385 x 260	450 x 325	525 x 395	600 x 460	870 x 650
Total ratio	./.	110	132	132	192,5	396	377,1
Drive torque	Nm	18	20	20	31	31	60
Unit weight	kg	300	500	900	1.300	1.500	3.600
Max. tilting moment at the axis of rotation	Nm	6.600	12.000	16.000	28.000	40.000	60.000
Max. axial load	N	27.000	34.000	50.000	65.000	80.000	120.000
Max. mass moment of inertia	kgm ²	50	300	740	1.200	1.700	5.400
Max. tangential torque with clamping actuated	Nm	2.800	4.600	5.000	10.000	14.000	27.500
Max. tangential torque without clamping	Nm	1.800	2.600	3.600	8.500	16.000	25.000
Clamping type	./.	hyd.	hyd.	hyd.	hyd.	hyd.	hyd.
Max. clamping pressure	bar g	63	63	63	63	63	63
Dividing accuracy at the bevel drive	"	+/- 10	+/- 10	+/- 10	+/- 10	+/- 10	+/- 10
Dividing accuracy with direct mounted encoder	"	+/- 3	+/- 3	+/- 3	+/- 3	+/- 3	+/- 3
Repeatability	"	+/- 1	+/- 1	+/- 1	+/- 1	+/- 1	+/- 1
Concentricity of the pilot diameter	mm	0,01	0,01	0,01	0,01	0,01	0,01
Rectangularity including wobble	mm	0,02	0,02	0,02	0,02	0,03	0,04

Many options and modifications are available to enhance the standard designs. We will gladly quote to your specific requirements. Please contact us.

peiseler GmbH & Co. KG • Morsbachtalstraße 1 u. 3 • D - 42855 Remscheid • Fon + 49 - 2191 - 913 0 • Fax + 49 - 2191 - 913 164 • E-Mail peiseler.rs@peiseler.de • Homepage <http://www.peiseler.de> <http://www.peiseler.com>

We reserve the right for technical alterations and do not guarantee the correctness of indicated data. The dimensions can vary and are design dependant. Please note the preface. Partial extractions from the data sheets may lead to an incorrect equipment selection and specification.

Rev. 5.0 / 30.06.2016



vertical nc table

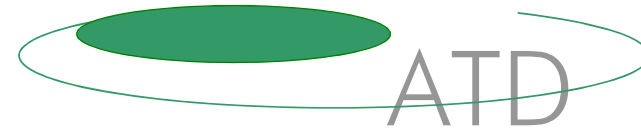
		ATU 400	ATU 520	ATU 630	ATU 800	ATU 1000	ATU 1250	ATU 1600	ATU 2000
Faceplate diameter min.	mm	420	520	670	800	1.030	1.270	1.600	2.050
Axis of rotation	./.	verti.	verti.	verti.	verti.	verti.	verti.	verti.	verti.
Load capacity	kg	1.500	3.000	4.000	6.000	12.000	18.000	26.000	50.000
Max. revolutions per minute	Rpm	25	30	20	10	9	9	4	3
Bearing diameter	mm	385 x 260	450 x 325	525 x 395	600 x 460	870 x 650	1.095 x 850	1.300 x 1.030	1.850 x 1.500
Worm gear ratio	./.	180	100	120	180	180	180	180	201:2
Max. center bore diameter	mm	150	200	290	340	450	600	700	800
Drive torque	Nm	18	18	18	50	50	50	70	110
Unit weight	kg	320	480	880	1.200	2.200	3.700	5.400	12.000
Max. tilting moment at the axis of rotation	Nm	12.000	16.000	28.000	40.000	60.000	90.000	140.000	300.000
Max. axial load	N	40.000	60.000	80.000	120.000	180.000	250.000	400.000	540.000
Max. mass moment of inertia	kgm ²	300	740	1.200	1.700	5.400	9.600	24.000	35.000
Max. tangential torque with clamping actuated	Nm	4.600	5.000	10.000	14.000	27.500	40.000	46.000	117.000
Max. tangential torque without clamping	Nm	2.000	3.600	8.100	8.000	23.000	38.000	74.000	150.000
Clamping type	./.	hyd.	hyd.	hyd.	hyd.	hyd.	hyd.	hyd.	hyd.
Max. clamping pressure	bar ü	63	63	63	63	63	63	63	63
Dividing accuracy at the worm drive	"	+/- 10	+/- 10	+/- 10	+/- 10	+/- 10	+/- 10	+/- 10	+/- 10
Dividing accuracy with direct mounted encoder	"	+/- 3	+/- 3	+/- 3	+/- 3	+/- 3	+/- 3	+/- 3	+/- 3
Repeatability	"	+/- 1	+/- 1	+/- 1	+/- 1	+/- 1	+/- 1	+/- 1	+/- 1
Concentricity of the pilot diameter	mm	0,01	0,01	0,01	0,01	0,01	0,01	0,01	0,01
Plain parallelism including wobble	mm	0,01	0,01	0,01	0,01	0,02	0,03	0,05	0,05
Table height	mm	230	230	280	300	360	370	550	1.000

Many options and modifications are available to enhance the standard designs. We will gladly quote to your specific requirements. Please contact us.

peiseler GmbH & Co. KG • Morsbachtalstraße 1 u. 3 • D - 42855 Remscheid • Fon + 49 - 2191 - 913 0 • Fax + 49 - 2191 - 913 164 • E-Mail peiseler.rs@peiseler.de • Homepage <http://www.peiseler.de> <http://www.peiseler.com>

We reserve the right for technical alterations and do not guarantee the correctness of indicated data. The dimensions can vary and are design dependant. Please note the preface. Partial extractions from the data sheets may lead to an incorrect equipment selection and specification.

Rev. 5.0 / 30.06.2016



vertical direct drive table

		ATD 125	ATD 160	ATD 200	ATD 280	ATD 400	ATD 520	ATD 630	ATD 800	ATD 1000	ATD 1250
Faceplate diameter min.	mm	125	160	200	280	400	520	630	800	1.000	1.250
Axis of rotation	./.	vertik.	vertik.	vertik.	vertik.	vertik.	vertik.	vertik.	vertik.	vertik.	vertik.
Load capacity	kg	80	200	600	800	1.500	3.000	4.000	6.000	12.000	18.000
Max. revolutions per minute	Rpm	100	100	100	100	100	100	100	100	100	100
Bearing diameter	mm	115 x 78	180 x 100	210 x 120	240 x 150	385 x 260	450 x 325	525 x 395	600 x 460	870 x 650	1.095 x 850
Max. center bore diameter	mm	35	50	70	100	150	200	290	340	450	600
Unit weight	kg	40	75	80	120	460	920	950	1.100	1.500	2.400
Max. tilting moment at the axis of rotation	Nm	800	2.000	3.200	5.000	12.000	16.000	23.000	32.000	60.000	90.000
Max. axial load	N	5.000	6.000	25.000	30.000	40.000	60.000	80.000	120.000	180.000	250.000
Max. mass moment of inertia	kgm ²	0,8	6	15	37	330	750	1.100	1.700	6.000	10.100
Max. tangential torque with clamping actuated	Nm	240	800	1.200	2.400	4.600	5.000	10.000	14.000	27.500	40.000
Max. tangential torque without clamping	Nm	40	240	360	440	1.300	1.500	2.200	5.300	7.500	13.300
Clamping type	./.	hyd.	hyd.	hyd.	hyd.	hyd.	hyd.	hyd.	hyd.	hyd.	hyd.
Max. clamping pressure	bar g	63	63	63	63	63	63	63	63	63	63
Dividing accuracy with direct mounted encoder	"	+/- 3	+/- 3	+/- 3	+/- 3	+/- 3	+/- 3	+/- 3	+/- 3	+/- 3	+/- 3
Repeatability	"	+/- 1	+/- 1	+/- 1	+/- 1	+/- 1	+/- 1	+/- 1	+/- 1	+/- 1	+/- 1
Concentricity of the pilot diameter	mm	0,01	0,01	0,01	0,01	0,01	0,01	0,01	0,01	0,01	0,01
Plain parallelism including wobble	mm	0,01	0,01	0,01	0,01	0,01	0,01	0,01	0,01	0,02	0,05
Table height	mm	205	230	230	230	320	375	410	480	500	650

Many options and modifications are available to enhance the standard designs. We will gladly quote to your specific requirements. Please contact us.

peiseler GmbH & Co. KG • Morsbachtalstraße 1 u. 3 • D - 42855 Remscheid • Fon + 49 - 2191 - 913 0 • Fax + 49 - 2191 - 913 164 • E-Mail peiseler.rs@peiseler.de • Homepage <http://www.peiseler.de> <http://www.peiseler.com>

We reserve the right for technical alterations and do not guarantee the correctness of indicated data. The dimensions can vary and are design dependant. Please note the preface. Partial extractions from the data sheets may lead to an incorrect equipment selection and specification.

Rev. 5.0 / 30.06.2016



vertical direct drive table

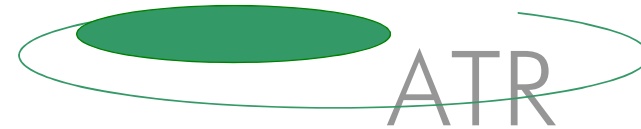
		ATD 125	ATD 160	ATD 200	ATD 280	ATD 400	ATD 520	ATD 630	ATD 800	ATD 1000	ATD 1250
Faceplate diameter min.	mm	125	160	200	280	400	520	630	800	1.000	1.250
Axis of rotation	./.	vertik.	vertik.	vertik.	vertik.	vertik.	vertik.	vertik.	vertik.	vertik.	vertik.
Load capacity	kg	80	200	350	400	500	800	1.400	2.300	8.000	12.000
Max. revolutions per minute	Rpm	2.000	4.000	3.000	2.000	800	800	600	500	300	250
Bearing diameter	mm	115 x 78	180 x 100	210 x 120	240 x 150	385 x 260	450 x 325	525 x 395	600 x 460	870 x 650	1.095 x 850
Max. center bore diameter	mm	35	50	70	100	150	200	290	340	450	600
Unit weight	kg	40	75	80	120	460	920	950	1.100	1.500	2.400
Max. tilting moment at the axis of rotation	Nm	800	2.000	3.200	5.000	12.000	16.000	23.000	32.000	60.000	90.000
Max. axial load	N	5.000	6.000	25.000	30.000	40.000	60.000	80.000	120.000	180.000	250.000
Max. mass moment of inertia	kgm ²	0,8	6	15	37	330	750	1.100	1.700	6.000	10.100
Max. tangential torque with clamping actuated	Nm	240	800	1.200	2.400	4.600	5.000	10.000	14.000	27.500	40.000
Max. tangential torque without clamping	Nm	40	240	360	440	1.300	1.500	2.200	5.300	7.500	13.300
Clamping type	./.	hyd.	hyd.	hyd.	hyd.	hyd.	hyd.	hyd.	hyd.	hyd.	hyd.
Max. clamping pressure	bar g	63	63	63	63	63	63	63	63	63	63
Dividing accuracy with direct mounted encoder	"	+/- 3	+/- 3	+/- 3	+/- 3	+/- 3	+/- 3	+/- 3	+/- 3	+/- 3	+/- 3
Repeatability	"	+/- 1	+/- 1	+/- 1	+/- 1	+/- 1	+/- 1	+/- 1	+/- 1	+/- 1	+/- 1
Concentricity of the pilot diameter	mm	0,01	0,01	0,01	0,01	0,01	0,01	0,01	0,01	0,01	0,01
Plain parallelism including wobble	mm	0,01	0,01	0,01	0,01	0,01	0,01	0,01	0,01	0,02	0,05
Table height	mm	205	230	230	230	320	375	410	480	500	650

Many options and modifications are available to enhance the standard designs. We will gladly quote to your specific requirements. Please contact us.

peiseler GmbH & Co. KG • Morsbachtalstraße 1 u. 3 • D - 42855 Remscheid • Fon + 49 - 2191 - 913 0 • Fax + 49 - 2191 - 913 164 • E-Mail peiseler.rs@peiseler.de • Homepage <http://www.peiseler.de> <http://www.peiseler.com>

We reserve the right for technical alterations and do not guarantee the correctness of indicated data. The dimensions can vary and are design dependant. Please note the preface. Partial extractions from the data sheets may lead to an incorrect equipment selection and specification.

Rev. 5.0 / 30.06.2016



vertical nc table

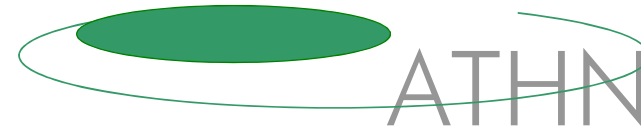
		ATR 350	ATR 400	ATR 520	ATR 630	ATR 800	ATR 1000
Faceplate diameter min.	mm	300	420	520	670	800	1.030
Axis of rotation	./.	verti.	verti.	verti.	verti.	verti.	verti.
Load capacity	kg	800	1.500	3.000	4.000	6.000	12.000
Max. revolutions per minute	Rpm	27	23	23	8	8	7
Bearing diameter	mm	280 x 180	385 x 260	450 x 325	525 x 395	600 x 460	870 x 650
Total ratio	mm	110	132	132	396	396	440
Drive torque	Nm	18	20	20	31	31	60
Unit weight	kg	230	400	500	900	1.300	2.300
Max. tilting moment at the axis of rotation	Nm	6.600	12.000	16.000	28.000	40.000	60.000
Max. axial load	N	32.000	40.000	60.000	80.000	120.000	180.000
Max. mass moment of inertia	kgm ²	50	300	740	1.200	1.700	5.400
Max. tangential torque with clamping actuated	Nm	2.800	4.600	5.000	10.000	14.000	27.500
Max. tangential torque without clamping	Nm	1.800	2.600	3.600	8.000	16.000	20.000
Clamping type	./.	hyd.	hyd.	hyd.	hyd.	hyd.	hyd.
Max. clamping pressure	bar ü	63	63	63	63	63	63
Dividing accuracy at the bevel drive	"	+/- 10	+/- 10	+/- 10	+/- 10	+/- 10	+/- 10
Dividing accuracy with direct mounted encoder	"	+/- 3	+/- 3	+/- 3	+/- 3	+/- 3	+/- 3
Repeatability	"	+/- 1	+/- 1	+/- 1	+/- 1	+/- 1	+/- 1
Concentricity of the pilot diameter	mm	0,01	0,01	0,01	0,01	0,01	0,01
Plain parallelism including wobble	mm	0,01	0,01	0,01	0,01	0,01	0,02

Many options and modifications are available to enhance the standard designs. We will gladly quote to your specific requirements. Please contact us.

peiseler GmbH & Co. KG • Morsbachtalstraße 1 u. 3 • D - 42855 Remscheid • Fon + 49 - 2191 - 913 0 • Fax + 49 - 2191 - 913 164 • E-Mail peiseler.rs@peiseler.de • Homepage <http://www.peiseler.de> <http://www.peiseler.com>

We reserve the right for technical alterations and do not guarantee the correctness of indicated data. The dimensions can vary and are design dependant. Please note the preface. Partial extractions from the data sheets may lead to an incorrect equipment selection and specification.

Rev. 5.0 / 30.06.2016



non-lifting, vertical, hirth coupling table

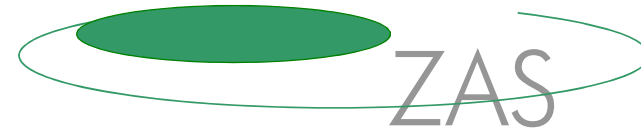
		ATHN 520	ATHN 630	ATHN 800	ATHN 1000	ATHN 1250	ATHN 1600
Faceplate diameter min.	mm	590	630	800	1.000	1.370	1.600
Axis of rotation	./.	verti.	verti.	verti.	verti.	verti.	verti.
Load capacity	kg	1.500	2.000	3.500	6.000	9.000	13.000
Max. revolutions per minute	Upm	30	25	22	16	8	8
Bearing diameter	mm	445 x 400	530 x 490	685 x 640	856 x 810	1.217 x 1.168	1.307 x 1.260
Number of teeth		360	360	360	720	720	720
Total gear ratio	./.	180	180	180	360	360	720
Max. center bore diameter	mm	70	50	70	300	110	450
Drive torque	Nm	18	18	20	24	28	30
Unit weight	kg	480	730	1.000	1.700	3.000	9.000
Max. tilting moment at the axis of rotation	Nm	15.500	22.000	27.500	50.900	103.000	330.000
Max. axial load	N	35.000	30.000	60.000	120.000	160.000	220.000
Max. mass moment of inertia	kgm ²	100	125	400	3.200	6.500	18.000
Max. tangential torque with clamping actuated	Nm	27.000	32.000	44.400	81.600	180.000	280.000
Clamping type	./.	hyd.	hyd.	hyd.	hyd.	hyd.	hyd.
Max. clamping pressure	bar g	60	60	60	60	60	80
Dividing accuracy	"	+/- 3	+/- 3	+/- 3	+/- 2	+/- 2	+/- 3
Repeatability	"	+/- 1	+/- 1	+/- 1	+/- 1	+/- 1	+/- 1
Smallest increment of movement	°	1	1	1	0,5	0,5	0,5
Concentricity of the pilot diameter	mm	0,01	0,01	0,01	0,01	0,01	0,01
Plain parallelism including wobble	mm	0,01	0,01	0,01	0,02	0,03	0,05
Table height	mm	270	280	290	325	420	500

Many options and modifications are available to enhance the standard designs. We will gladly quote to your specific requirements. Please contact us.

peiseler GmbH & Co. KG • Morsbachtalstraße 1 u. 3 • D - 42855 Remscheid • Fon + 49 - 2191 - 913 0 • Fax + 49 - 2191 - 913 164 • E-Mail peiseler.rs@peiseler.de • Homepage <http://www.peiseler.de> <http://www.peiseler.com>

We reserve the right for technical alterations and do not guarantee the correctness of indicated data. The dimensions can vary and are design dependant. Please note the preface. Partial extractions from the data sheets may lead to an incorrect equipment selection and specification.

Rev. 5.0 / 30.06.2016



nc rotary - tilt unit

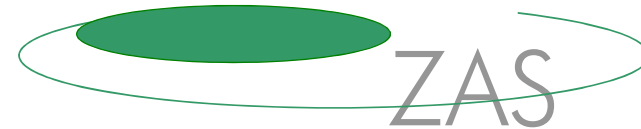
		ZAS 320		ZAS 400		ZAS 520		ZAS 630	
		A-Axis	C-Axis	A-Axis	C-Axis	A-Axis	C-Axis	A-Axis	C-Axis
Faceplate diameter min.	mm		320		400		520		670
Axis of rotation	./.	horiz.	vertik.	horiz.	vertik.	horiz.	vertik.	horiz.	vertik.
Load capacity	kg		500		800		1.000		1.300
Max. revolutions per minute	Rpm	18	32	16	32	12	12	8	12
Bearing diameter	mm	385 x 260	300 x 200	300 x 200	385 x 260	450 x 325	420 x 325	600 x 460	525 x 395
Worm gear ratio	./.	90	90	90	72	180	180	180	180
Max. center bore diameter	mm		80		100		200		290
Drive torque	Nm	18	15	18	15	27	18	27	18
Unit weight	kg	1.250		1.250		3.550		4.150	
Max. tilting moment at the axis of rotation	Nm		2.600		3.200		6.400		8.000
Max. axial load	N		5.000		6.000		12.000		20.000
Max. mass moment of inertia	kgm ²		54		330		760		1.300
Max. tangential torque with clamping actuated	Nm	9.200	3.000	6.000	4.600	12.000	5.000	31.000	12.000
Max. tangential torque without clamping	Nm	2.000	1.700	1.700	2.000	3.400	3.400	7.000	5.400
Clamping type	./.	hyd.	hyd.	hyd.	hyd.	hyd.	hyd.	hyd.	hyd.
Max. clamping pressure	bar g	63	63	63	63	63	63	63	63
Dividing accuracy at the worm drive	"	+/- 10	+/- 10	+/- 10	+/- 10	+/- 10	+/- 10	+/- 10	+/- 10
Dividing accuracy with direct mounted encoder	"	+/- 3	+/- 3	+/- 3	+/- 3	+/- 3	+/- 3	+/- 3	+/- 3
Repeatability	"	+/- 1	+/- 1	+/- 1	+/- 1	+/- 1	+/- 1	+/- 1	+/- 1
Concentricity of the pilot diameter	mm		0,01		0,01		0,01		0,01
Plain parallelism including wobble	mm		0,01		0,01		0,01		0,02
Table height	mm		360		365		348		580
Center height	mm	350		515		374		390	

Many options and modifications are available to enhance the standard designs. We will gladly quote to your specific requirements. Please contact us.

peiseler GmbH & Co. KG • Morsbachtalstraße 1 u. 3 • D - 42855 Remscheid • Fon + 49 - 2191 - 913 0 • Fax + 49 - 2191 - 913 164 • E-Mail peiseler.rs@peiseler.de • Homepage <http://www.peiseler.de> <http://www.peiseler.com>

We reserve the right for technical alterations and do not guarantee the correctness of indicated data. The dimensions can vary and are design dependant. Please note the preface. Partial extractions from the data sheets may lead to an incorrect equipment selection and specification.

Rev. 5.0 / 30.06.2016



nc rotary - tilt unit

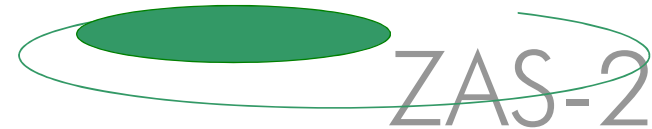
		ZAS 800		ZAS 1000		ZAS 1250	
		A-Axis	C-Axis	A-Axis	C-Axis	A-Axis	C-Axis
Faceplate diameter min.	mm		800		1.030		1.270
Axis of rotation	./.	horiz.	vertik.	horiz.	vertik.	horiz.	vertik.
Load capacity	kg		2.000		4.000		6.000
Max. revolutions per minute	Rpm	8	10	4	9	4	9
Bearing diameter	mm	750 x 580	600 x 460	750 x 580	870 x 650	870 x 650	870 x 650
Worm gear ratio	./.	180	180	180	36	180	36
Max. center bore diameter	mm		340		450		450
Drive torque	Nm	50	50	50	50	50	50
Unit weight	kg	4.750		7.700		8.000	
Max. tilting moment at the axis of rotation	Nm		10.400		24.000		32.000
Max. axial load	N		50.000		80.000		100.000
Max. mass moment of inertia	kgm ²		1.700		5.400		5.500
Max. tangential torque with clamping actuated	Nm	50.000	16.000	50.000	27.500	55.000	40.000
Max. tangential torque without clamping	Nm	14.000	8.500	14.000	23.000	23.000	36.000
Clamping type	./.	hyd.	hyd.	hyd.	hyd.	hyd.	hyd.
Max. clamping pressure	bar g	63	63	63	63	63	63
Dividing accuracy at the worm drive	"	+/- 10	+/- 10	+/- 10	+/- 10	+/- 10	+/- 10
Dividing accuracy with direct mounted encoder	"	+/- 3	+/- 3	+/- 3	+/- 3	+/- 3	+/- 3
Repeatability	"	+/- 1	+/- 1	+/- 1	+/- 1	+/- 1	+/- 1
Concentricity of the pilot diameter	mm		0,01		0,03		0,03
Plain parallelism including wobble	mm		0,02		0,01		0,01
Table height	mm		755		785		820
Center height	mm	755		785		820	

Many options and modifications are available to enhance the standard designs. We will gladly quote to your specific requirements. Please contact us.

peiseler GmbH & Co. KG • Morsbachtalstraße 1 u. 3 • D - 42855 Remscheid • Fon + 49 - 2191 - 913 0 • Fax + 49 - 2191 - 913 164 • E-Mail peiseler.rs@peiseler.de • Homepage <http://www.peiseler.de> <http://www.peiseler.com>

We reserve the right for technical alterations and do not guarantee the correctness of indicated data. The dimensions can vary and are design dependant. Please note the preface. Partial extractions from the data sheets may lead to an incorrect equipment selection and specification.

Rev. 5.0 / 30.06.2016



nc rotary - tilt unit

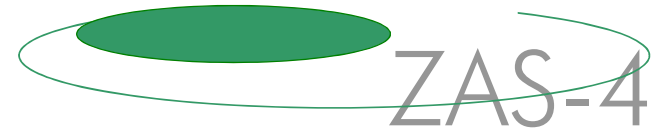
		ZAS 160-2		ZAS 200-2		ZAS 280-2	
		A-Axis	C-Axis	A-Axis	C-Axis	A-Axis	C-Axis
Faceplate diameter min.	mm		160		200		280
Axis of rotation	./.	horiz.	vertik.	horiz.	vertik.	horiz.	vertik.
Load capacity	kg		60		100		200
Max. revolutions per minute	Rpm	33	40	24	33	20	41
Bearing diameter	mm	190 x 130	146 x 80	240 x 150	210 x 120	280 x 180	210 x 120
Worm gear ratio	./.	72	90	90	72	90	72
Max. center bore diameter	mm		40		40		60
Drive torque	Nm	6	6	10	10	30	22
Unit weight	kg	250		400		1.000	
Max. tilting moment at the axis of rotation	Nm		1.200		1.500		1.500
Max. axial load	N		2.000		3.000		4.000
Max. mass moment of inertia	kgm ²		4		6		22
Max. tangential torque with clamping actuated	Nm	2.200	800	2.200	800	2.200	2.100
Max. tangential torque without clamping	Nm	360	250	700	500	2.000	1.000
Clamping type	./.	hyd.	hyd.	hyd.	hyd.	hyd.	hyd.
Max. clamping pressure	bar g	63	63	63	63	63	63
Dividing accuracy at the worm drive	"	+/- 15	+/- 15	+/- 15	+/- 15	+/- 10	+/- 15
Dividing accuracy with direct mounted encoder	"	+/- 3	+/- 3	+/- 3	+/- 3	+/- 3	+/- 3
Repeatability	"	+/- 1	+/- 1	+/- 1	+/- 1	+/- 1	+/- 1
Concentricity of the pilot diameter	mm		0,01		0,01		0,01
Plain parallelism including wobble	mm		0,01		0,01		0,01
Table height	mm		340		370		196
Center height	mm	290		320		270	

Many options and modifications are available to enhance the standard designs. We will gladly quote to your specific requirements. Please contact us.

peiseler GmbH & Co. KG • Morsbachtalstraße 1 u. 3 • D - 42855 Remscheid • Fon + 49 - 2191 - 913 0 • Fax + 49 - 2191 - 913 164 • E-Mail peiseler.rs@peiseler.de • Homepage <http://www.peiseler.de> <http://www.peiseler.com>

We reserve the right for technical alterations and do not guarantee the correctness of indicated data. The dimensions can vary and are design dependant. Please note the preface. Partial extractions from the data sheets may lead to an incorrect equipment selection and specification.

Rev. 5.0 / 30.06.2016



nc rotary - tilt unit

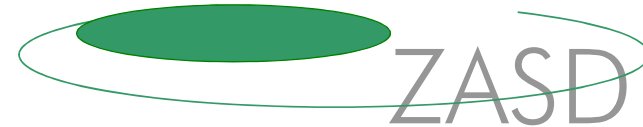
		ZAS 160-4		ZAS 200-4	
		A-Axis	C-Axis	A-Axis	C-Axis
Faceplate diameter min.	mm		160		200
Axis of rotation	./.	horiz.	vertik.	horiz.	vertik.
Load capacity	kg		60		80
Max. revolutions per minute	Rpm	33	33	20	30
Bearing diameter	mm	190 x 130	146 x 80	280 x 180	210 x 120
Worm gear ratio	./.	90	90	90	72
Max. center bore diameter	mm		40		40
Drive torque	Nm	10	10	18	10
Unit weight	kg	350		600	
Max. tilting moment at the axis of rotation	Nm		1.200		5.000
Max. axial load	N		2.000		3.000
Max. mass moment of inertia	kgm ²		8		10
Max. tangential torque with clamping actuated	Nm	1.000	800	6.000	1.200
Max. tangential torque without clamping	Nm	360	250	1.700	600
Clamping type	./.	hyd.	hyd.	hyd.	hyd.
Max. clamping pressure	bar g	63	63	63	63
Dividing accuracy at the worm drive	"	+/- 15	+/- 15	+/- 15	+/- 15
Dividing accuracy with direct mounted encoder	"	+/- 3	+/- 3	+/- 3	+/- 3
Repeatability	"	+/- 1	+/- 1	+/- 1	+/- 1
Concentricity of the pilot diameter	mm		0,01		0,01
Plain parallelism including wobble	mm		0,01		0,01
Table height	mm		299		260
Center height	mm	299		360	

Many options and modifications are available to enhance the standard designs. We will gladly quote to your specific requirements. Please contact us.

peiseler GmbH & Co. KG • Morsbachtalstraße 1 u. 3 • D - 42855 Remscheid • Fon + 49 - 2191 - 913 0 • Fax + 49 - 2191 - 913 164 • E-Mail peiseler.rs@peiseler.de • Homepage <http://www.peiseler.de> <http://www.peiseler.com>

We reserve the right for technical alterations and do not guarantee the correctness of indicated data. The dimensions can vary and are design dependant. Please note the preface. Partial extractions from the data sheets may lead to an incorrect equipment selection and specification.

Rev. 5.0 / 30.06.2016



direct drive nc rotary - tilt unit

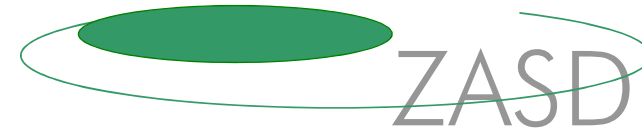
		ZASD 100		ZASD 125		ZASD 160		ZASD 200		ZASD 280	
		A-Axis	C-Axis	A-Axis	C-Axis	A-Axis	C-Axis	A-Axis	C-Axis	A-Axis	C-Axis
Faceplate diameter min.	mm		100		125		160		200		280
Axis of rotation	./.	horiz.	vertik.	horiz.	vertik.	horiz.	vertik.	horiz.	vertik.	horiz.	vertik.
Load capacity	kg		24		60		100		200		400
Max. revolutions per minute	Rpm	120	500	500	500	250	2.000	150	1.000	100	100
Bearing diameter	mm	145 x 90	70 x 20	180 x 110	120 x 70	185 x 100	146 x 80	380 x 345	185 x 100	280 x 180	240 x 150
Max. center bore diameter	mm		18		18		30		40		40
Unit weight	kg	68		100		230		520		540	
Max. tilting moment at the axis of rotation	Nm		200		500		1.200		1.400		2.000
Max. axial load	N		1.000		1.600		2.000		3.000		4.000
Max. mass moment of inertia	kgm ²		0,2		0,7		3,2		7,5		19
Max. tangential torque with clamping actuated	Nm	340	25	920	170	1.200	920	2.200	1.200	2.900	2.100
Max. tangential torque without clamping	Nm	32	22	40	40	120	95	554	167	765	416
Clamping type	./.	hyd.	hyd.	hyd.	hyd.	hyd.	hyd.	hyd.	hyd.	hyd.	hyd.
Max. clamping pressure	bar g	63	63	63	63	63	63	100	63	120	63
Dividing accuracy with direct mounted encoder	"	+/- 15	+/- 15	+/- 12	+/- 12	+/- 2,5	+/- 2,5	+/- 2,5	+/- 2,5	+/- 2,5	+/- 2,5
Repeatability	"	+/- 1	+/- 1	+/- 1	+/- 1	+/- 1	+/- 1	+/- 1	+/- 1	+/- 1	+/- 1
Concentricity of the pilot diameter	mm		0,01		0,01		0,01		0,01		0,01
Plain parallelism including wobble	mm		0,01		0,01		0,01		0,01		0,01
Table height	mm		163		227		220		279		252
Center height	mm	164		167		220		455		332	

Many options and modifications are available to enhance the standard designs. We will gladly quote to your specific requirements. Please contact us.

peiseler GmbH & Co. KG • Morsbachtalstraße 1 u. 3 • D - 42855 Remscheid • Fon + 49 - 2191 - 913 0 • Fax + 49 - 2191 - 913 164 • E-Mail peiseler.rs@peiseler.de • Homepage <http://www.peiseler.de> <http://www.peiseler.com>

We reserve the right for technical alterations and do not guarantee the correctness of indicated data. The dimensions can vary and are design dependant. Please note the preface. Partial extractions from the data sheets may lead to an incorrect equipment selection and specification.

Rev. 5.0 / 30.06.2016



direct drive nc rotary - tilt unit

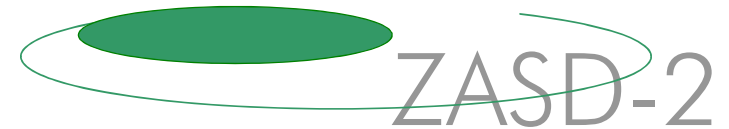
		ZASD 320		ZASD 400	
		A-Axis	C-Axis	A-Axis	C-Axis
Faceplate diameter min.	mm		440		500
Axis of rotation	./.	horiz.	vertik.	horiz.	vertik.
Load capacity	kg		500		800
Max. revolutions per minute	Rpm	40	80	100	80
Bearing diameter	mm	385 x 260	300 x 200	450 x 325	385 x 260
Max. center bore diameter	mm		40		40
Unit weight	kg	1.200		1.100	
Max. tilting moment at the axis of rotation	Nm		2.600		3.200
Max. axial load	N		5.000		6.000
Max. mass moment of inertia	kgm ²		100		168
Max. tangential torque with clamping actuated	Nm	5.000	2.000	6.800	3.000
Max. tangential torque without clamping	Nm	2.100	1.400	4.800	1.400
Clamping type	./.	hyd.	hyd.	hyd.	hyd.
Max. clamping pressure	bar g	100	63	100	63
Dividing accuracy with direct mounted encoder	"	+/- 2,5	+/- 2,5	+/- 2,5	+/- 2,5
Repeatability	"	+/- 1	+/- 1	+/- 1	+/- 1
Concentricity of the pilot diameter	mm		0,01		0,01
Plain parallelism including wobble	mm		0,01		0,01
Table height	mm		250		390
Center height	mm	300		490	

Many options and modifications are available to enhance the standard designs. We will gladly quote to your specific requirements. Please contact us.

peiseler GmbH & Co. KG • Morsbachtalstraße 1 u. 3 • D - 42855 Remscheid • Fon + 49 - 2191 - 913 0 • Fax + 49 - 2191 - 913 164 • E-Mail peiseler.rs@peiseler.de • Homepage <http://www.peiseler.de> <http://www.peiseler.com>

We reserve the right for technical alterations and do not guarantee the correctness of indicated data. The dimensions can vary and are design dependant. Please note the preface. Partial extractions from the data sheets may lead to an incorrect equipment selection and specification.

Rev. 5.0 / 30.06.2016



direct drive nc rotary - tilt unit

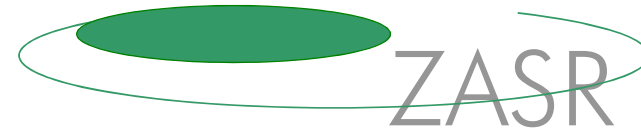
		ZASD 200-2		ZASD 280-2	
		A-Axis	C-Axis	A-Axis	C-Axis
Faceplate diameter min.	mm		200		280
Axis of rotation	./.	horiz.	vertik.	horiz.	vertik.
Load capacity	kg		150		300
Max. revolutions per minute	Rpm	50	1.500	50	1.000
Bearing diameter	mm	240 x 150	210 x 120	300 x 200	280 x 180
Max. center bore diameter	mm		70		100
Unit weight	kg	500		1.400	
Max. tilting moment at the axis of rotation	Nm		1.500		1.500
Max. axial load	N		3.000		4.000
Max. mass moment of inertia	kgm ²		6		10
Max. tangential torque with clamping actuated	Nm	3.200	1.200	6.000	1.800
Max. tangential torque without clamping	Nm	410	167	2.600	480
Clamping type	./.	hyd.	hyd.	hyd.	hyd.
Max. clamping pressure	bar g	63	63	100	100
Dividing accuracy with direct mounted encoder	"	+/- 5	+/- 5	+/- 5	+/- 5
Repeatability	"	+/- 2	+/- 2	+/- 2	+/- 2
Concentricity of the pilot diameter	mm		0,01		0,01
Plain parallelism including wobble	mm		0,01		0,01
Table height	mm		235		463
Center height	mm	235		493	

Many options and modifications are available to enhance the standard designs. We will gladly quote to your specific requirements. Please contact us.

peiseler GmbH & Co. KG • Morsbachtalstraße 1 u. 3 • D - 42855 Remscheid • Fon + 49 - 2191 - 913 0 • Fax + 49 - 2191 - 913 164 • E-Mail peiseler.rs@peiseler.de • Homepage <http://www.peiseler.de> <http://www.peiseler.com>

We reserve the right for technical alterations and do not guarantee the correctness of indicated data. The dimensions can vary and are design dependant. Please note the preface. Partial extractions from the data sheets may lead to an incorrect equipment selection and specification.

Rev. 5.0 / 30.06.2016



nc rotary - tilt unit

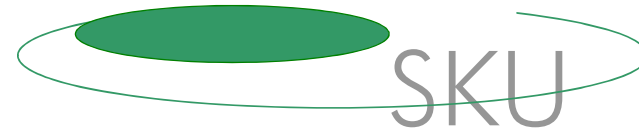
		ZASR 520		ZASR 630		ZASR 800		ZASR 1000	
		A-Axis	C-Axis	A-Axis	C-Axis	A-Axis	C-Axis	A-Axis	C-Axis
Faceplate diameter min.	mm		520		670		800		1.030
Axis of rotation	./.	horiz.	vertik.	horiz.	vertik.	horiz.	vertik.	horiz.	vertik.
Load capacity	kg		1.300		1.700		3.200		4.000
Max. revolutions per minute	Rpm	23	100	23	80	16	40	5	30
Bearing diameter	mm	385 x 260	450 x 325	450 x 325	525 x 395	525 x 395	600 x 400	600 x 400	870 x 650
total ratio	./.	132		132		192,5		377	
Max. center bore diameter	mm		200		290		340		450
Drive torque	Nm	20		20		31		31	
Unit weight	kg	2.800		3.400		9.600		16.900	
Max. tilting moment at the axis of rotation	Nm		6.400		8.000		10.400		24.000
Max. axial load	N		12.000		20.000		50.000		80.000
Max. mass moment of inertia	kgm ²		375		550		650		2.300
Max. tangential torque with clamping actuated	Nm	9.200	5.000	10.000	10.000	20.000	14.000	28.000	27.500
Max. tangential torque without clamping	Nm	4.600	1.700	6.400	2.500	15.000	3.300	26.000	5.800
Clamping type	./.	hyd.	hyd.	hyd.	hyd.	hyd.	hyd.	hyd.	hyd.
Max. clamping pressure	bar g	63	63	63	63	63	63	63	63
Dividing accuracy at the bevel gear	"	+/- 10		+/- 10		+/- 10		+/- 10	
Dividing accuracy with direct mounted encoder	"	+/- 3	+/- 3	+/- 3	+/- 3	+/- 3	+/- 3	+/- 3	+/- 3
Repeatability	"	+/- 1	+/- 1	+/- 1	+/- 1	+/- 1	+/- 1	+/- 1	+/- 1
Concentricity of the pilot diameter	mm		0,01		0,01		0,01		0,01
Plain parallelism including wobble	mm		0,01		0,01		0,01		0,02
Table height	mm		250		270		410		600
Center height	mm	350		420		560		800	

Many options and modifications are available to enhance the standard designs. We will gladly quote to your specific requirements. Please contact us.

peiseler GmbH & Co. KG • Morsbachtalstraße 1 u. 3 • D - 42855 Remscheid • Fon + 49 - 2191 - 913 0 • Fax + 49 - 2191 - 913 164 • E-Mail peiseler.rs@peiseler.de • Homepage <http://www.peiseler.de> <http://www.peiseler.com>

We reserve the right for technical alterations and do not guarantee the correctness of indicated data. The dimensions can vary and are design dependant. Please note the preface. Partial extractions from the data sheets may lead to an incorrect equipment selection and specification.

Rev. 5.0 / 30.06.2016



nc - swivel head to incorporate machining spindles

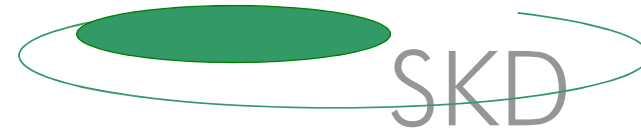
		SKU 200	SKU 400	SKU 520	SKU 630	SKU 800
Size	mm	200	400	520	670	800
Axis of rotation	./.	horiz.	horiz.	horiz.	horiz.	horiz.
Load capacity	kg	280	500	1.200	2.000	3.000
Max. revolutions per minute	Rpm	33	16	30	20	11
Bearing diameter	mm	190 x 130	385 x 260	450 x 325	525 x 395	600 x 460
Worm gear ratio	./.	90	180	100	120	180
Max. center bore diameter	mm	38	130	200	220	340
Drive torque	Nm	7,3	18	35	35	50
Unit weight	kg	180	320	450	640	800
Max. tilting moment at the axis of rotation	Nm	4.000	12.000	16.000	23.000	32.000
Max. axial load	N	15.000	40.000	60.000	80.000	120.000
Max. mass moment of inertia	kgm²	20	300	740	1.200	1.700
Max. tangential torque with clamping actuated	Nm	1.200	4.600	5.000	10.000	14.000
Max. tangential torque without clamping	Nm	650	2.000	3.600	8.100	8.000
Clamping type	./.	hyd.	hyd.	hyd.	hyd.	hyd.
Max. clamping pressure	bar g	63	63	63	63	63
Dividing accuracy at the worm drive	"	+/- 10	+/- 10	+/- 10	+/- 10	+/- 10
Dividing accuracy with direct mounted encoder	"	+/- 10	+/- 3	+/- 3	+/- 3	+/- 3
Repeatability	"	+/- 3	+/- 1	+/- 1	+/- 1	+/- 1
Concentricity of the pilot diameter	mm	0,01	0,01	0,01	0,01	0,01
Plain parallelism including wobble	mm	0,01	0,02	0,02	0,02	0,02

Many options and modifications are available to enhance the standard designs. We will gladly quote to your specific requirements. Please contact us.

peiseler GmbH & Co. KG • Morsbachtalstraße 1 u. 3 • D - 42855 Remscheid • Fon + 49 - 2191 - 913 0 • Fax + 49 - 2191 - 913 164 • E-Mail peiseler.rs@peiseler.de • Homepage <http://www.peiseler.de> <http://www.peiseler.com>

We reserve the right for technical alterations and do not guarantee the correctness of indicated data. The dimensions can vary and are design dependant. Please note the preface. Partial extractions from the data sheets may lead to an incorrect equipment selection and specification.

Rev. 5.0 / 30.06.2016



direct driven swivel head to incorporate machining spindles

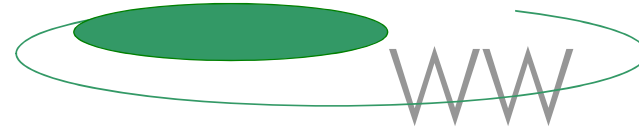
		SKD 200	SKD 355
Size	mm	200	355
Axis of rotation	./.	horiz.	horiz.
Load capacity	kg	230	650
Max. revolutions per minute	Rpm	120	50
Bearing diameter	mm	190 x 130	300 x 200
Max. center bore diameter	mm	40	80
Unit weight	kg	170	310
Max. tilting moment at the axis of rotation	Nm	2.500	3.200
Max. axial load	N	10.000	12.800
Max. mass moment of inertia	kgm²	20	76
Max. tangential torque with clamping actuated	Nm	2.500	1.800
Max. tangential torque without clamping	Nm	270	620
Clamping type	./.	hyd.	hyd.
Max. clamping pressure	bar g	100	120
Dividing accuracy with direct mounted encoder	"	+/- 3	+/- 3
Repeatability	"	+/- 1	+/- 1
Concentricity of the pilot diameter	mm	0,01	0,01
Plain parallelism including wobble	mm	0,01	0,01

Many options and modifications are available to enhance the standard designs. We will gladly quote to your specific requirements. Please contact us.

peiseler GmbH & Co. KG • Morsbachtalstraße 1 u. 3 • D - 42855 Remscheid • Fon + 49 - 2191 - 913 0 • Fax + 49 - 2191 - 913 164 • E-Mail peiseler.rs@peiseler.de • Homepage <http://www.peiseler.de> <http://www.peiseler.com>

We reserve the right for technical alterations and do not guarantee the correctness of indicated data. The dimensions can vary and are design dependant. Please note the preface. Partial extractions from the data sheets may lead to an incorrect equipment selection and specification.

Rev. 5.0 / 30.06.2016



lifting, hirth coupling shuttle table

		WW 520	WW 630
Faceplate dimension min.	mm	610 x 520	860 x 630
Axis of rotation	./.	verti.	verti.
Load capacity	kg	2 x 300	2 x 450
Indexing time for 180°	s	3	4
Bearing diameter	mm	200 x 160	200 x 160
Max. center bore diameter	mm	120	120
Drive	./.	pneu.	pneu.
Unit weight	kg	1.000	1.500
Max. tilting moment at the axis of rotation	Nm	3.200	10.000
Max. axial load	N	10.000	12.000
Max. mass moment of inertia	kgm ²	30	100
Max. tangential torque with clamping actuated	Nm	5.700	13.500
Clamping type	./.	pneu.	pneu.
Max. clamping pressure	bar g	6	6
Max. flow rate	l/min	10,2	15
Dividing accuracy	"	+/- 3	+/- 3
Repeatability	"	+/- 1	+/- 1
Plain parallelism	mm	0,01	0,02
Table height	mm	205	260
Table height while rotating	mm	209	265

Many options and modifications are available to enhance the standard designs. We will gladly quote to your specific requirements. Please contact us.

peiseler GmbH & Co. KG • Morsbachtalstraße 1 u. 3 • D - 42855 Remscheid • Fon + 49 - 2191 - 913 0 • Fax + 49 - 2191 - 913 164 • E-Mail peiseler.rs@peiseler.de • Homepage <http://www.peiseler.de> <http://www.peiseler.com>

We reserve the right for technical alterations and do not guarantee the correctness of indicated data. The dimensions can vary and are design dependant. Please note the preface. Partial extractions from the data sheets may lead to an incorrect equipment selection and specification.

Rev. 5.0 / 30.06.2016