

		A-Axis	C-Axis
Faceplate diameter min.	mm		100
Axis of rotation	./.	horiz.	vertik.
Load capacity	kg		24
Max. revolutions per minute	U/min.	120	500
Bearing diameter	mm	145 x 90	70 x 20
Max. center bore diameter	mm		18
Unit weight komplett	kg	68	
Max. tilting moment at the axis of rotation	Nm		200
Max. axial load	N		1.000
Max. mass moment of inertia	kgm <sup>2</sup>		0,2
Max. tangential torque with clamping actuated	Nm	340	25
Max. tangential torque without clamping	Nm	32	22
Clamping type	./.	hyd.	hyd.
Max. clamping pressure	bar ü	63	63
Dividing accuracy with direct mounted encoder	"	+/- 15	+/- 15
Repeatability	"	+/- 1	+/- 1
Concentricity of the pilot diameter	mm		0,01
Plain parallelism including wobble	mm		0,01
Table height	mm		163
Center height	mm	164	

		A-Axis	C-Axis
Faceplate diameter min.	mm		125
Axis of rotation	./.	horiz.	vertik.
Load capacity	kg		60
Max. revolutions per minute	U/min.	500	500
Bearing diameter	mm	180 x 110	120 x 70
Max. center bore diameter	mm		18
Unit weight komplett	kg	100	
Max. tilting moment at the axis of rotation	Nm		500
Max. axial load	N		1.600
Max. mass moment of inertia	kgm <sup>2</sup>		0,7
Max. tangential torque with clamping actuated	Nm	920	170
Max. tangential torque without clamping	Nm	40	40
Clamping type	./.	hyd.	hyd.
Max. clamping pressure	bar ü	63	63
Dividing accuracy with direct mounted encoder	"	+/- 12	+/- 12
Repeatability	"	+/- 1	+/- 1
Concentricity of the pilot diameter	mm		0,01
Plain parallelism including wobble	mm		0,01
Table height	mm		227
Center height	mm	167	

		A-Axis	C-Axis
Faceplate diameter min.	mm		160
Axis of rotation	./.	horiz.	vertik.
Load capacity	kg		100
Max. revolutions per minute	U/min.	250	2.000
Bearing diameter	mm	185 x 100	146 x 80
Max. center bore diameter	mm		30
Unit weight komplett	kg	230	
Max. tilting moment at the axis of rotation	Nm		1.200
Max. axial load	N		2.000
Max. mass moment of inertia	kgm <sup>2</sup>		3,2
Max. tangential torque with clamping actuated	Nm	1.200	920
Max. tangential torque without clamping	Nm	120	95
Clamping type	./.	hyd.	hyd.
Max. clamping pressure	bar ü	63	63
Dividing accuracy with direct mounted encoder	"	+/- 2,5	+/- 2,5
Repeatability	"	+/- 1	+/- 1
Concentricity of the pilot diameter	mm		0,01
Plain parallelism including wobble	mm		0,01
Table height	mm		220
Center height	mm	220	

		A-Axis	C-Axis
Faceplate diameter min.	mm		200
Axis of rotation	./.	horiz.	vertik.
Load capacity	kg		200
Max. revolutions per minute	U/min.	150	1.000
Bearing diameter	mm	380 x 345	185 x 100
Max. center bore diameter	mm		40
Unit weight komplett	kg	520	
Max. tilting moment at the axis of rotation	Nm		1.400
Max. axial load	N		3.000
Max. mass moment of inertia	kgm <sup>2</sup>		7,5
Max. tangential torque with clamping actuated	Nm	2.200	1.200
Max. tangential torque without clamping	Nm	554	167
Clamping type	./.	hyd.	hyd.
Max. clamping pressure	bar ü	100	63
Dividing accuracy with direct mounted encoder	"	+/- 2,5	+/- 2,5
Repeatability	"	+/- 1	+/- 1
Concentricity of the pilot diameter	mm		0,01
Plain parallelism including wobble	mm		0,01
Table height	mm		279
Center height	mm	455	

		A-Axis	C-Axis
Faceplate diameter min.	mm		280
Axis of rotation	./.	horiz.	vertik.
Load capacity	kg		400
Max. revolutions per minute	U/min.	100	100
Bearing diameter	mm	280 x 180	240 x 150
Max. center bore diameter	mm		40
Unit weight komplett	kg	540	
Max. tilting moment at the axis of rotation	Nm		2.000
Max. axial load	N		4.000
Max. mass moment of inertia	kgm <sup>2</sup>		19
Max. tangential torque with clamping actuated	Nm	2.900	2.100
Max. tangential torque without clamping	Nm	765	416
Clamping type	./.	hyd.	hyd.
Max. clamping pressure	bar ü	120	63
Dividing accuracy with direct mounted encoder	"	+/- 2,5	+/- 2,5
Repeatability	"	+/- 1	+/- 1
Concentricity of the pilot diameter	mm		0,01
Plain parallelism including wobble	mm		0,01
Table height	mm		252
Center height	mm	332	

		A-Axis	C-Axis
Faceplate diameter min.	mm		440
Axis of rotation	./.	horiz.	vertik.
Load capacity	kg		500
Max. revolutions per minute	U/min.	40	80
Bearing diameter	mm	385 x 260	300 x 200
Max. center bore diameter	mm		40
Unit weight komplett	kg	1.200	
Max. tilting moment at the axis of rotation	Nm		2.600
Max. axial load	N		5.000
Max. mass moment of inertia	kgm <sup>2</sup>		100
Max. tangential torque with clamping actuated	Nm	5.000	2.000
Max. tangential torque without clamping	Nm	2.100	1.400
Clamping type	./.	hyd.	hyd.
Max. clamping pressure	bar ü	100	63
Dividing accuracy with direct mounted encoder	"	+/- 2,5	+/- 2,5
Repeatability	"	+/- 1	+/- 1
Concentricity of the pilot diameter	mm		0,01
Plain parallelism including wobble	mm		0,01
Table height	mm		250
Center height	mm	300	

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

		A-Axis	C-Axis
Faceplate diameter min.	mm		200
Axis of rotation	./.	horiz.	vertik.
Load capacity	kg		150
Max. revolutions per minute	U/min.	50	1.500
Bearing diameter	mm	240 x 150	210 x 120
Max. center bore diameter	mm		70
Unit weight komplett	kg	500	
Max. tilting moment at the axis of rotation	Nm		1.500
Max. axial load	N		3.000
Max. mass moment of inertia	kgm <sup>2</sup>		6
Max. tangential torque with clamping actuated	Nm	3.200	1.200
Max. tangential torque without clamping	Nm	410	167
Clamping type	./.	hyd.	hyd.
Max. clamping pressure	bar ü	63	63
Dividing accuracy with direct mounted encoder	"	+/- 5	+/- 5
Repeatability	"	+/- 2	+/- 2
Concentricity of the pilot diameter	mm		0,01
Plain parallelism including wobble	mm		0,01
Table height	mm		235
Center height	mm	235	



		A-Axis	C-Axis
Faceplate diameter min.	mm		280
Axis of rotation	./.	horiz.	vertik.
Load capacity	kg		300
Max. revolutions per minute	U/min.	50	1.000
Bearing diameter	mm	300 x 200	280 x 180
Max. center bore diameter	mm		100
Unit weight komplett	kg	1.400	
Max. tilting moment at the axis of rotation	Nm		1.500
Max. axial load	N		4.000
Max. mass moment of inertia	kgm <sup>2</sup>		10
Max. tangential torque with clamping actuated	Nm	6.000	1.800
Max. tangential torque without clamping	Nm	2.600	480
Clamping type	./.	hyd.	hyd.
Max. clamping pressure	bar ü	100	100
Dividing accuracy with direct mounted encoder	"	+/- 5	+/- 5
Repeatability	"	+/- 2	+/- 2
Concentricity of the pilot diameter	mm		0,01
Plain parallelism including wobble	mm		0,01
Table height	mm		463
Center height	mm	493	