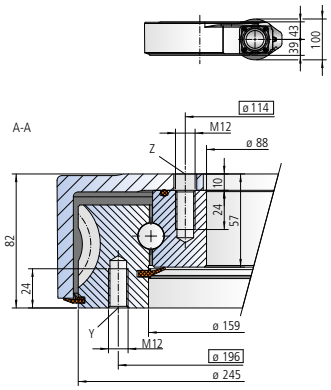
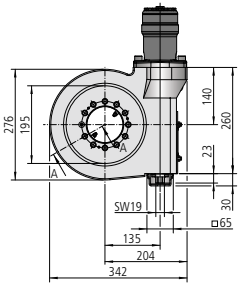
Size WD-L 0156 / 1-row / 1 drive





The mounting structure must support the housing to at least ø156 and at most to ø225

Mounting holes
Y = 12 drill holes M12-24 deep, evenly distributed
Z = 11 drill holes ø14-10 deep / M12-24 deep, evenly spaced over 12 pitch

Lubricating ports
2 conical grease nipples on internal diameter
2 conical grease nipples on housing exterior
Slew drive supplied pre-lubricated

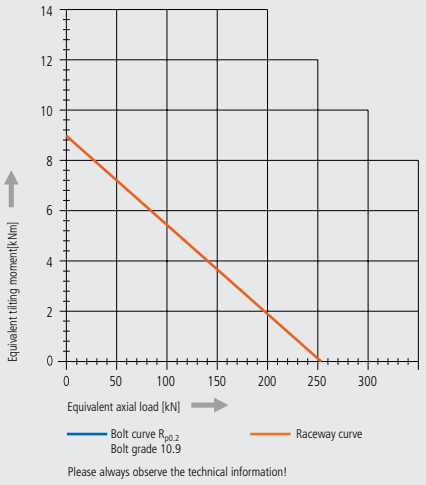
			Drawing number WD-L 0156/3-07871
Module	**m**	[mm]	5
Number of threads of the worm		[-]	1
Gear ratio	**i**	[-]	46
Self-locking gears			No**
Max. torque $s_F = 1$	$M_{d\,max}$	[Nm]	3280
Nom. torque $s_W = 1$ at $n = 1\ min^{-1}$	$M_{d\,nom}$	[Nm]	2520
Max. holding torque* $s_{F\,S} = 1$ (static)	$M_{h\,max}$	[Nm]	3280
Static load rating, radial	$C_{o\,rad}$	[kN]	94
Static load rating, axial	$C_{o\,ax}$	[kN]	253
Dynamic load rating, radial	C_{rad}	[kN]	83
Dynamic load rating, axial	C_{ax}	[kN]	97
Weight, incl. 6 kg for hydraulic motor OMP (X)160		[kg]	40

* Optionally with brake
** See: Technical Information, section *Self-locking*

The hydraulic/electric motor is selected according to the actual requirements and customer specification.
Selection example:
Performance data with hydraulic motor OMP (X) 160

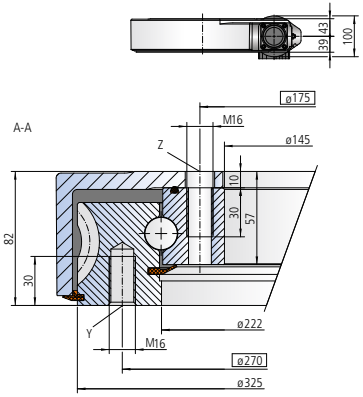
Pressure differential	**Δp**	[bar]	75
Oil flow	**Q**	[l/min]	8
Output speed	**n**	[min $^{-1}$]	1
Max. achievable torque	M_d	[Nm]	3280

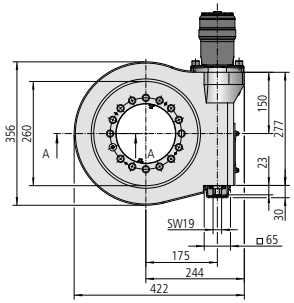
Limiting load diagram for compressive loads



Please always observe the technical information!

Size WD-L 0223 / 1-row / 1 drive





The mounting structure must support the housing to at least ø223 and at most to ø329

Mounting holes
Y = 16 drill holes M16-30 deep, evenly distributed.
Z = 15 drill holes ø18-10 deep / M16-30 deep, evenly spaced over 16 pitch

Lubricating ports
2 conical grease nipples on internal diameter
2 conical grease nipples on housing exterior
Slew drive supplied pre-lubricated

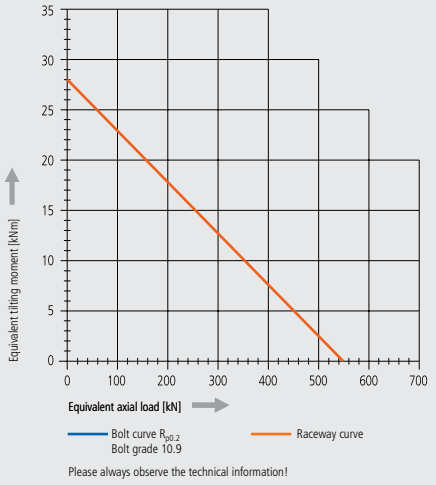
			Drawing number WD-L 0223/3-04698
Module	**m**	[mm]	5
Number of threads of the worm		[-]	1
Gear ratio	**i**	[-]	62
Self-locking gears			No**
Max. torque $s_F = 1$	$M_{d\,max}$	[Nm]	9303
Nom. torque $s_W = 1$ at $n = 1\ min^{-1}$	$M_{d\,nom}$	[Nm]	4795
Max. holding torque* $s_{F\,S} = 1$ (static)	$M_{h\,max}$	[Nm]	9303
Static load rating, radial	$C_{o\,rad}$	[kN]	204
Static load rating, axial	$C_{o\,ax}$	[kN]	547
Dynamic load rating, radial	C_{rad}	[kN]	132
Dynamic load rating, axial	C_{ax}	[kN]	154
Weight, incl. 6 kg for hydraulic motor OMP (X)160		[kg]	50

* Optionally with brake
** See: Technical Information, section *Self-locking*

The hydraulic/electric motor is selected according to the actual requirements and customer specification.
Selection example:
Performance data with hydraulic motor OMP (X) 160

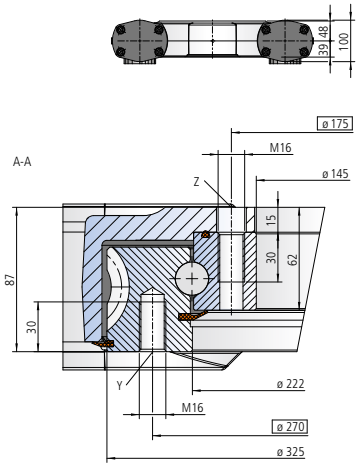
Pressure differential	**Δp**	[bar]	140
Oil flow	**Q**	[l/min]	14
Output speed	**n**	[min $^{-1}$]	1
Max. achievable torque	M_d	[Nm]	9303

Limiting load diagram for compressive loads

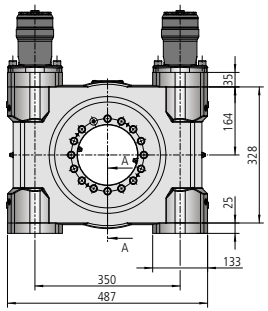


Please always observe the technical information!

Size WD-L 0223 / 1-row / 2 drives



The mounting structure must support the housing to at least ø223 and at most to ø345



Mounting holes
Y = 16 drill holes M16-30 deep, evenly distributed.
Z = 15 drill holes ø18-15 deep / M16-30 deep, evenly spaced over 16 pitch

Lubricating ports
2 conical grease nipples on internal diameter
2 conical grease nipples on housing exterior
Slew drive supplied pre-lubricated

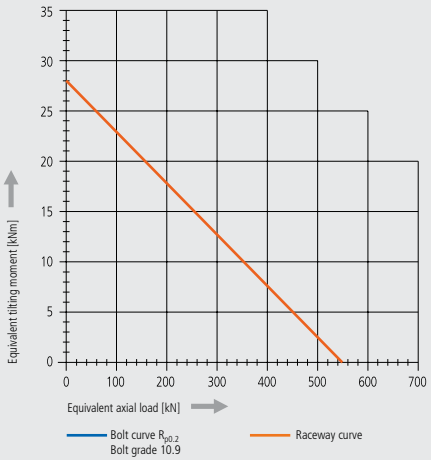
			Drawing number WD-L 0223/3-10100
Module	**m**	[mm]	5
Number of threads of the worm		[-]	1
Gear ratio	**i**	[-]	62
Self-locking gears			No**
Max. torque $S_F = 1$	$\mathbf{M_{d\,max}}$	[Nm]	18606
Nom. torque $S_W = 1$ at n = 1 min^{-1}	$\mathbf{M_{d\,nom}}$	[Nm]	9590
Max. holding torque* $S_{F\,S} = 1$ (static)	$\mathbf{M_{h\,max}}$	[Nm]	18606
Static load rating, radial	$\mathbf{C_{o\,rad}}$	[kN]	204
Static load rating, axial	$\mathbf{C_{o\,ax}}$	[kN]	547
Dynamic load rating, radial	$\mathbf{C_{rad}}$	[kN]	132
Dynamic load rating, axial	$\mathbf{C_{ax}}$	[kN]	154
Weight, incl. 12 kg for two hydraulic motors OMP (X) 160		[kg]	93

* Optionally with brake
** See: Technical Information, section *Self-locking*

The hydraulic/electric motor is selected according to the actual requirements and customer specification.
Selection example:
Performance data with two hydraulic motors OMP (X) 160

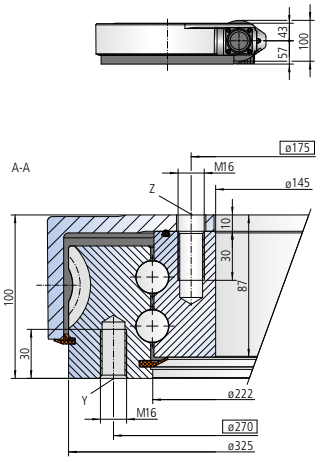
Pressure differential	**Δp**	[bar]	140
Oil flow	**Q**	[l/min]	28
Output speed	**n**	[min $^{-1}$]	1
Max. achievable torque	$\mathbf{M_d}$	[Nm]	18606

Limiting load diagram for compressive loads

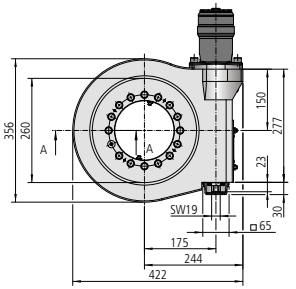


Please always observe the technical information!

Size WD-L 0223 / 2-row / 1 drive



The mounting structure must support the housing to at least ø223 and at most to ø329



Mounting holes
Y = 16 drill holes M16-30 deep, evenly distributed.
Z = 15 drill holes ø18-10 deep / M16-30 deep, evenly spaced over 16 pitch

Lubricating ports
4 conical grease nipples on internal diameter
2 conical grease nipples on housing exterior
Slew drive supplied pre-lubricated

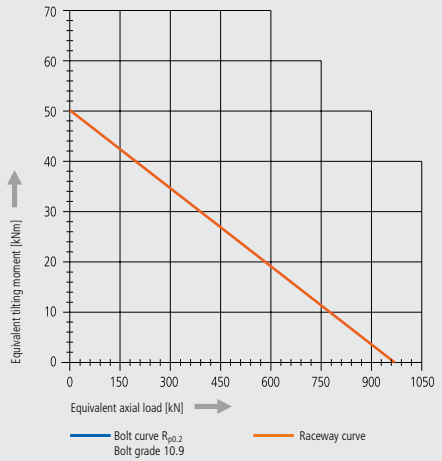
			Drawing number WD-L 0223/3-04895
Module	**m**	[mm]	5
Number of threads of the worm		[-]	1
Gear ratio	**i**	[-]	62
Self-locking gears			No**
Max. torque $S_F = 1$	$\mathbf{M_{d\,max}}$	[Nm]	9303
Nom. torque $S_W = 1$ at n = 1 min^{-1}	$\mathbf{M_{d\,nom}}$	[Nm]	4795
Max. holding torque* $S_{F\,S} = 1$ (static)	$\mathbf{M_{h\,max}}$	[Nm]	9303
Static load rating, radial	$\mathbf{C_{o\,rad}}$	[kN]	367
Static load rating, axial	$\mathbf{C_{o\,ax}}$	[kN]	984
Dynamic load rating, radial	$\mathbf{C_{rad}}$	[kN]	215
Dynamic load rating, axial	$\mathbf{C_{ax}}$	[kN]	250
Weight, incl. 6 kg for hydraulic motor OMP (X) 160		[kg]	60

* Optionally with brake
** See: Technical Information, section *Self-locking*

The hydraulic/electric motor is selected according to the actual requirements and customer specification.
Selection example:
Performance data with hydraulic motor OMP (X) 160

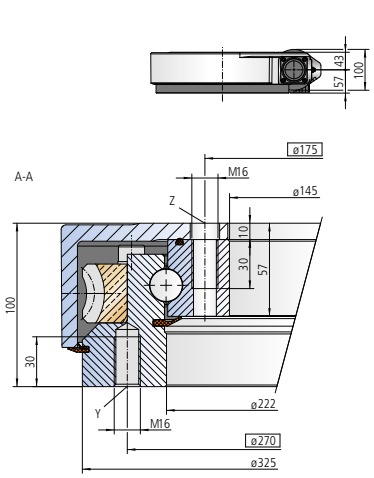
Pressure differential	**Δp**	[bar]	140
Oil flow	**Q**	[l/min]	14
Output speed	**n**	[min $^{-1}$]	1
Max. achievable torque	$\mathbf{M_d}$	[Nm]	9303

Limiting load diagram for compressive loads

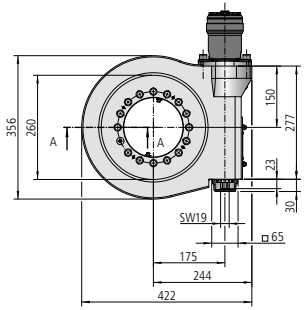


Please always observe the technical information!

Size WD-LC 0223 / 1-row / 1 drive - Bronze special design



The mounting structure must support the housing to at least ø223 and at most to ø329



Mounting holes
Y = 16 drill holes M16-30 deep, evenly distributed
Z = 15 drill holes ø18-10 deep / M16-30 deep, evenly spaced over 16 pitch

Lubricating ports
2 conical grease nipples on internal diameter
2 conical grease nipples on housing exterior
Slew drive supplied pre-lubricated

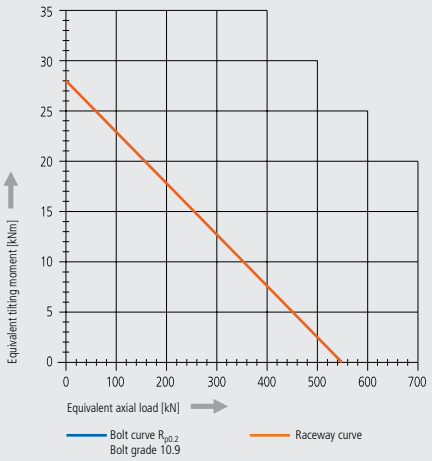
			Drawing number WD-LC 0223/1-07679
Module	**m**	[mm]	5
Number of threads of the worm		[-]	1
Gear ratio	**i**	[-]	62
Self-locking gears			No**
Max. torque $s_F = 1$	$M_{d\,max}$	[Nm]	4272
Nom. torque $s_W = 1$ at n = 1 min^{-1}	$M_{d\,nom}$	[Nm]	4272
Max. holding torque* $s_{F\,S} = 1$ (static)	$M_{h\,max}$	[Nm]	4272
Static load rating, radial	$C_{o\,rad}$	[kN]	204
Static load rating, axial	$C_{o\,ax}$	[kN]	547
Dynamic load rating, radial	C_{rad}	[kN]	132
Dynamic load rating, axial	C_{ax}	[kN]	154
Weight, incl. 6 kg for hydraulic motor OMP (X) 160		[kg]	58

* Optionally with brake
** See: Technical Information, section *Self-locking*

The hydraulic/electric motor is selected according to the actual requirements and customer specification.
Selection example:
Performance data with hydraulic motor OMP (X) 160

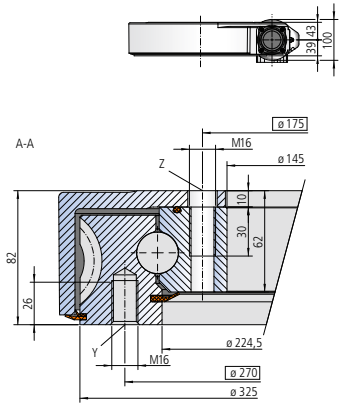
Pressure differential	**Δp**	[bar]	59
Oil flow	**Q**	[l/min]	10
Output speed	**n**	[min $^{-1}$]	1
Max. achievable torque	M_d	[Nm]	4272

Limiting load diagram for compressive loads

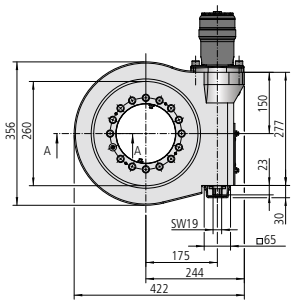


Please always observe the technical information!

Size WD-L 0230 / 1-row / 1 drive



The mounting structure must support the housing to at least ø230 and at most to ø329



Mounting holes
Y = 16 drill holes M16-24 deep, evenly distributed
Z = 15 drill holes ø18-10 deep / M16-30 deep, evenly spaced over 16 pitch

Lubricating ports
2 conical grease nipples on internal diameter
2 conical grease nipples on housing exterior
Slew drive supplied pre-lubricated

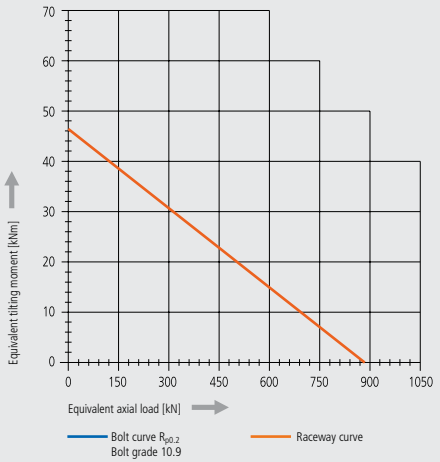
			Drawing number WD-L 0230/3-12519
Module	**m**	[mm]	5
Number of threads of the worm		[-]	1
Gear ratio	**i**	[-]	62
Self-locking gears			No**
Max. torque $s_F = 1$	$M_{d\,max}$	[Nm]	9303
Nom. torque $s_W = 1$ at n = 1 min^{-1}	$M_{d\,nom}$	[Nm]	4795
Max. holding torque* $s_{F\,S} = 1$ (static)	$M_{h\,max}$	[Nm]	9303
Static load rating, radial	$C_{o\,rad}$	[kN]	328
Static load rating, axial	$C_{o\,ax}$	[kN]	878
Dynamic load rating, radial	C_{rad}	[kN]	186
Dynamic load rating, axial	C_{ax}	[kN]	216
Weight, incl. 6 kg for hydraulic motor OMP (X) 160		[kg]	55

* Optionally with brake
** See: Technical Information, section *Self-locking*

The hydraulic/electric motor is selected according to the actual requirements and customer specification.
Selection example:
Performance data with hydraulic motor OMP (X) 160

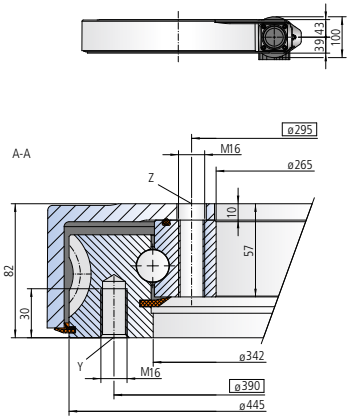
Pressure differential	**Δp**	[bar]	140
Oil flow	**Q**	[l/min]	14
Output speed	**n**	[min $^{-1}$]	1
Max. achievable torque	M_d	[Nm]	9303

Limiting load diagram for compressive loads

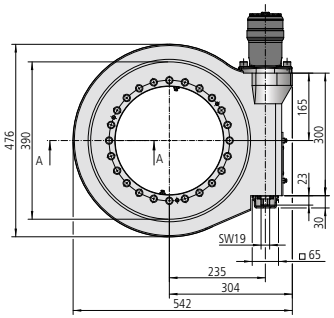


Please always observe the technical information!

Size WD-L 0343 / 1-row / 1 drive



The mounting structure must support the housing to at least ø343 and at most to ø449



Mounting holes
Y = 18 drill holes M16-30 deep, evenly distributed
Z = 24 drill holes ø18-10 deep / M16, evenly distributed

Lubricating ports
2 conical grease nipples on internal diameter
2 conical grease nipples on housing exterior
Slew drive supplied pre-lubricated

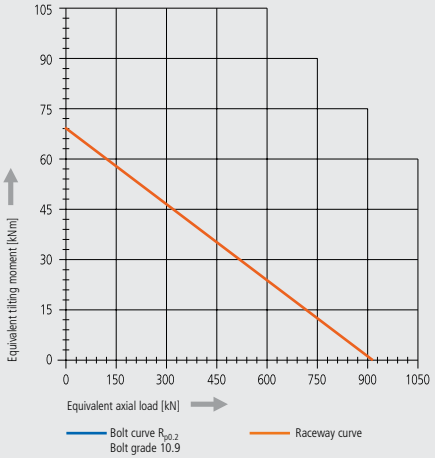
			Drawing number WD-L 0343/3-04557
Module	**m**	[mm]	5
Number of threads of the worm		[-]	1
Gear ratio	**i**	[-]	86
Self-locking gears			No**
Max. torque $s_F = 1$	$M_{d\,max}$	[Nm]	12905
Nom. torque $s_W = 1$ at $n = 1\ min^{-1}$	$M_{d\,nom}$	[Nm]	10150
Max. holding torque* $s_{F\,S} = 1$ (static)	$M_{h\,max}$	[Nm]	12905
Static load rating, radial	$C_{o\,rad}$	[kN]	338
Static load rating, axial	$C_{o\,ax}$	[kN]	905
Dynamic load rating, radial	C_{rad}	[kN]	157
Dynamic load rating, axial	C_{ax}	[kN]	183
Weight, incl. 6 kg for hydraulic motor OMP (X) 160		[kg]	68

* Optionally with brake
** See: Technical Information, section *Self-locking*

The hydraulic/electric motor is selected according to the actual requirements and customer specification.
Selection example:
Performance data with hydraulic motor OMP (X) 160

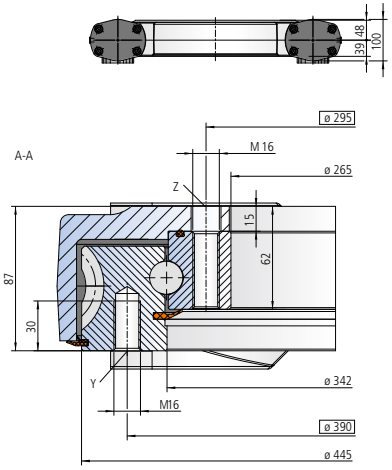
Pressure differential	**Δp**	[bar]	140
Oil flow	**Q**	[l/min]	18
Output speed	**n**	[min $^{-1}$]	1
Max. achievable torque	M_d	[Nm]	12905

Limiting load diagram for compressive loads

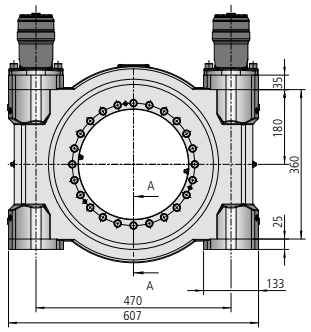


Please always observe the technical information!

Size WD-L 0343 / 1-row / 2 drives



The mounting structure must support the housing to at least ø343 and at most to ø465



Mounting holes
Y = 18 drill holes M16-30 deep, evenly distributed
Z = 24 drill holes ø18-15 deep / M16, evenly distributed

Lubricating ports
2 conical grease nipples on internal diameter
2 conical grease nipples on housing exterior
Slew drive supplied pre-lubricated

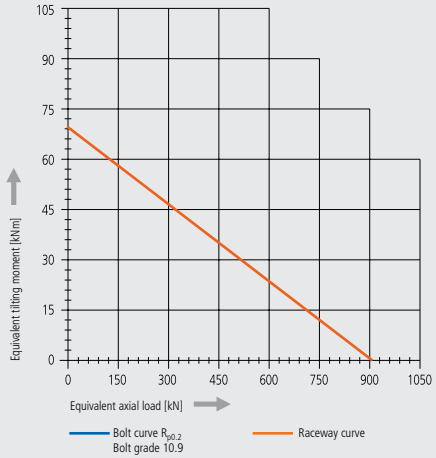
			Drawing number WD-L 0343/3-10101
Module	**m**	[mm]	5
Number of threads of the worm		[-]	1
Gear ratio	**i**	[-]	86
Self-locking gears			No**
Max. torque $s_F = 1$	$M_{d\,max}$	[Nm]	25810
Nom. torque $s_W = 1$ at $n = 1\ min^{-1}$	$M_{d\,nom}$	[Nm]	20300
Max. holding torque* $s_{F\,S} = 1$ (static)	$M_{h\,max}$	[Nm]	36872
Static load rating, radial	$C_{o\,rad}$	[kN]	338
Static load rating, axial	$C_{o\,ax}$	[kN]	905
Dynamic load rating, radial	C_{rad}	[kN]	157
Dynamic load rating, axial	C_{ax}	[kN]	183
Weight, incl. 12 kg for two hydraulic motors OMP (X)b 160		[kg]	107

* Optionally with brake
** See: Technical Information, section *Self-locking*

The hydraulic/electric motor is selected according to the actual requirements and customer specification.
Selection example:
Performance data with two hydraulic motors OMP (X) 160

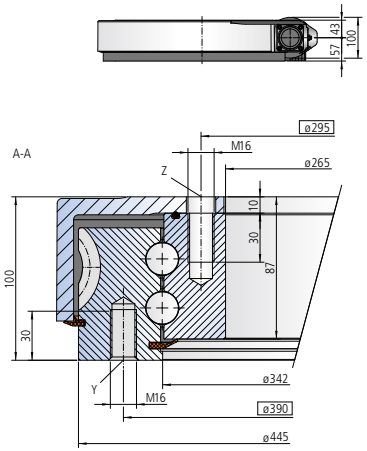
Pressure differential	**Δp**	[bar]	140
Oil flow	**Q**	[l/min]	36
Output speed	**n**	[min $^{-1}$]	1
Max. achievable torque	M_d	[Nm]	25810

Limiting load diagram for compressive loads

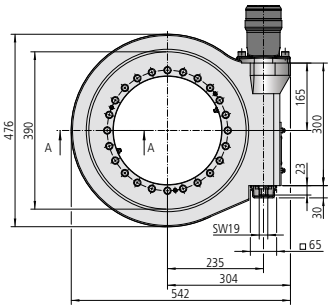


Please always observe the technical information!

Size WD-L 0343 / 2-row / 1 drive



The mounting structure must support the housing to at least ø343 and at most to ø449



Mounting holes
Y = 18 drill holes M16-30 deep, evenly distributed
Z = 24 drill holes ø18-10 deep / M16-30 deep, evenly distributed

Lubricating ports
4 conical grease nipples on internal diameter
2 conical grease nipples on housing exterior
Slew drive supplied pre-lubricated

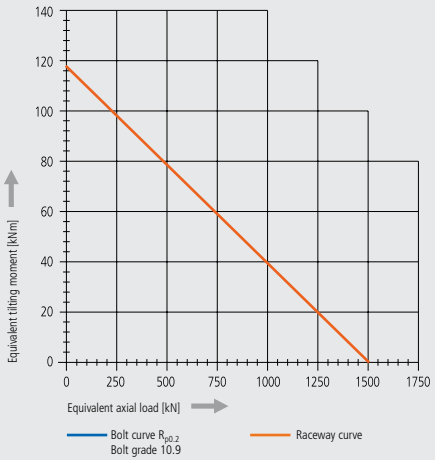
			Drawing number WD-L 0343/3-12000
Module	**m**	[mm]	5
Number of threads of the worm		[-]	1
Gear ratio	**i**	[-]	86
Self-locking gears			No**
Max. torque $s_F = 1$	$M_{d\,max}$	[Nm]	12905
Nom. torque $s_W = 1$ at $n = 1\ min^{-1}$	$M_{d\,nom}$	[Nm]	10150
Max. holding torque* $s_{F\,S} = 1$ (static)	$M_{h\,max}$	[Nm]	12905
Static load rating, radial	$C_{o\,rad}$	[kN]	564
Static load rating, axial	$C_{o\,ax}$	[kN]	1511
Dynamic load rating, radial	C_{rad}	[kN]	255
Dynamic load rating, axial	C_{ax}	[kN]	298
Weight, incl. 6 kg for hydraulic motor OMP (X) 160		[kg]	82

* Optionally with brake
** See: Technical Information, section *Self-locking*

The hydraulic/electric motor is selected according to the actual requirements and customer specification.
Selection example:
Performance data with hydraulic motor OMP (X) 160

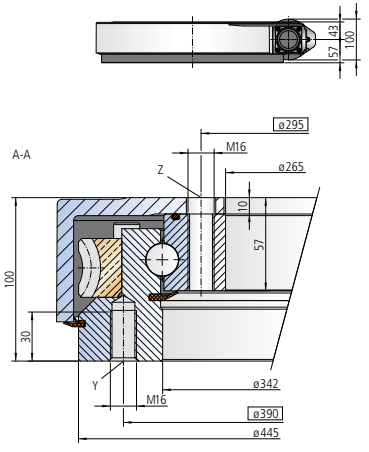
Pressure differential	**Δp**	[bar]	140
Oil flow	**Q**	[l/min]	18
Output speed	**n**	[min $^{-1}$]	1
Max. achievable torque	M_d	[Nm]	12905

Limiting load diagram for compressive loads

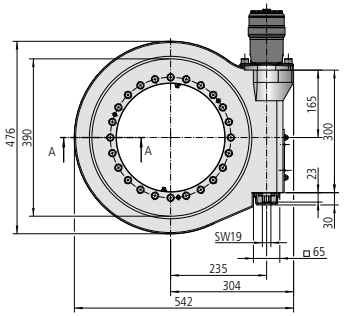


Please always observe the technical information!

Size WD-LC 0343 / 1-row / 1 drive - Bronze special design



The mounting structure must support the housing to at least ø343 and at most to ø449



Mounting holes
Y = 18 drill holes M16-30 deep, evenly distributed
Z = 24 drill holes ø18-10 deep / M16, evenly distributed

Lubricating ports
2 conical grease nipples on internal diameter
2 conical grease nipples on housing exterior
Slew drive supplied pre-lubricated

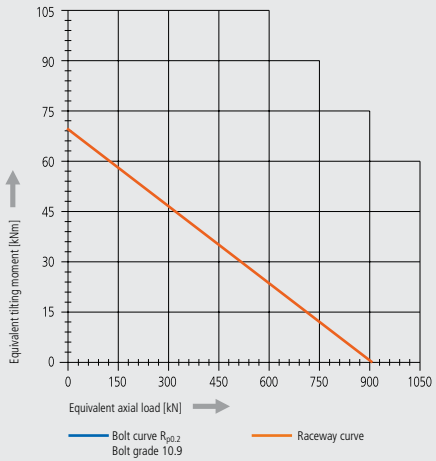
			Drawing number WD-LC 0343/1-07860
Module	**m**	[mm]	5
Number of threads of the worm		[-]	1
Gear ratio	**i**	[-]	86
Self-locking gears			No**
Max. torque $s_F = 1$	$M_{d\,max}$	[Nm]	5926
Nom. torque $s_W = 1$ at $n = 1\ min^{-1}$	$M_{d\,nom}$	[Nm]	5926
Max. holding torque* $s_{F\,S} = 1$ (static)	$M_{h\,max}$	[Nm]	5926
Static load rating, radial	$C_{o\,rad}$	[kN]	338
Static load rating, axial	$C_{o\,ax}$	[kN]	905
Dynamic load rating, radial	C_{rad}	[kN]	157
Dynamic load rating, axial	C_{ax}	[kN]	183
Weight, incl. 6 kg for hydraulic motor OMP (X) 160		[kg]	88

* Optionally with brake
** See: Technical Information, section *Self-locking*

The hydraulic/electric motor is selected according to the actual requirements and customer specification.
Selection example:
Performance data with hydraulic motor OMP (X) 160

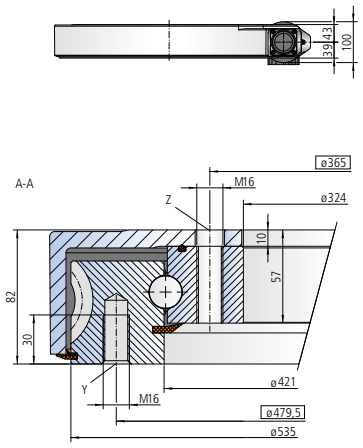
Pressure differential	**Δp**	[bar]	59
Oil flow	**Q**	[l/min]	14
Output speed	**n**	[min $^{-1}$]	1
Max. achievable torque	M_d	[Nm]	5926

Limiting load diagram for compressive loads

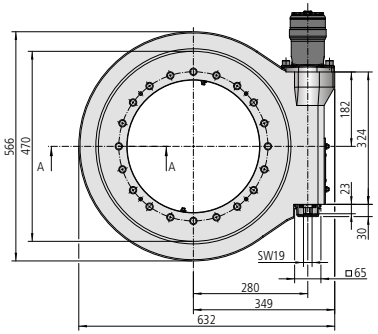


Please always observe the technical information!

Size WD-L 0419 / 1-row / 1 drive



The mounting structure must support the housing to at least ø419 and at most to ø544



Mounting holes
Y = 20 drill holes M16-30 deep, evenly distributed
Z = 20 drill holes ø18-10 deep / M16, evenly distributed

Lubricating ports
2 conical grease nipples on internal diameter
2 conical grease nipples on housing exterior
Slew drive supplied pre-lubricated

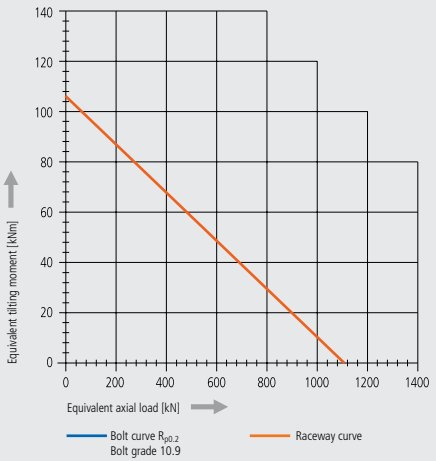
			Drawing number WD-L 0419/3-04553
Module	**m**	[mm]	5
Number of threads of the worm		[-]	1
Gear ratio	**i**	[-]	104
Self-locking gears			No**
Max. torque $s_F = 1$	$\mathbf{M_{d\,max}}$	[Nm]	15606
Nom. torque $s_W = 1$ at $n = 1\ min^{-1}$	$\mathbf{M_{d\,nom}}$	[Nm]	15606
Max. holding torque* $s_{F\,S} = 1$ (static)	$\mathbf{M_{h\,max}}$	[Nm]	15606
Static load rating, radial	$\mathbf{C_{o\,rad}}$	[kN]	413
Static load rating, axial	$\mathbf{C_{o\,ax}}$	[kN]	1107
Dynamic load rating, radial	$\mathbf{C_{rad}}$	[kN]	170
Dynamic load rating, axial	$\mathbf{C_{ax}}$	[kN]	198
Weight, incl. 6 kg for hydraulic motor OMP (X) 160		[kg]	92

* Optionally with brake
** See: Technical Information, section *Self-locking*

The hydraulic/electric motor is selected according to the actual requirements and customer specification.
Selection example:
Performance data with hydraulic motor OMP (X) 160

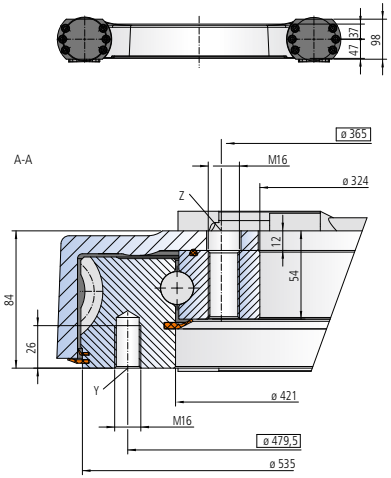
Pressure differential	**Δp**	[bar]	140
Oil flow	**Q**	[l/min]	20
Output speed	**n**	[min -1]	1
Max. achievable torque	$\mathbf{M_d}$	[Nm]	15606

Limiting load diagram for compressive loads

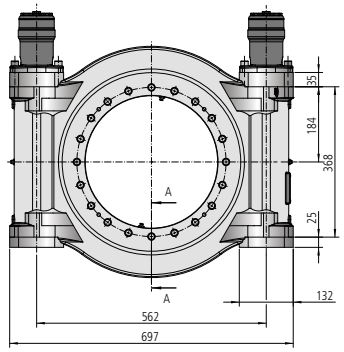


Please always observe the technical information!

Size WD-L 0419 / 1-row / 2 drives



The mounting structure must support the housing to at least ø419 and at most to ø486



Mounting holes
Y = 20 drill holes M16-30 deep, evenly distributed
Z = 20 drill holes ø18-12 deep / M16, evenly distributed

Lubricating ports
2 conical grease nipples on internal diameter
2 conical grease nipples on housing exterior
Slew drive supplied pre-lubricated

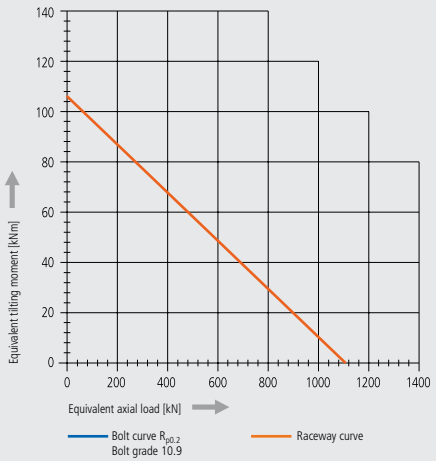
			Drawing number WD-L 0419/3-10102
Module	**m**	[mm]	5
Number of threads of the worm		[-]	1
Gear ratio	**i**	[-]	104
Self-locking gears			No**
Max. torque $s_F = 1$	$\mathbf{M_{d\,max}}$	[Nm]	31212
Nom. torque $s_W = 1$ at $n = 1\ min^{-1}$	$\mathbf{M_{d\,nom}}$	[Nm]	31212
Max. holding torque* $s_{F\,S} = 1$ (static)	$\mathbf{M_{h\,max}}$	[Nm]	44590
Static load rating, radial	$\mathbf{C_{o\,rad}}$	[kN]	413
Static load rating, axial	$\mathbf{C_{o\,ax}}$	[kN]	1107
Dynamic load rating, radial	$\mathbf{C_{rad}}$	[kN]	170
Dynamic load rating, axial	$\mathbf{C_{ax}}$	[kN]	198
Weight, incl. 12 kg for two hydraulic motors OMP (X) 160		[kg]	150

* Optionally with brake
** See: Technical Information, section *Self-locking*

The hydraulic/electric motor is selected according to the actual requirements and customer specification.
Selection example:
Performance data with two hydraulic motors OMP (X) 160

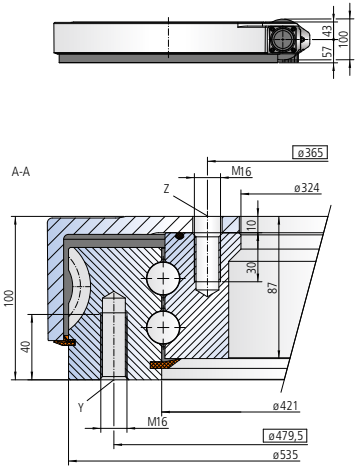
Pressure differential	**Δp**	[bar]	140
Oil flow	**Q**	[l/min]	40
Output speed	**n**	[min -1]	1
Max. achievable torque	$\mathbf{M_d}$	[Nm]	31212

Limiting load diagram for compressive loads

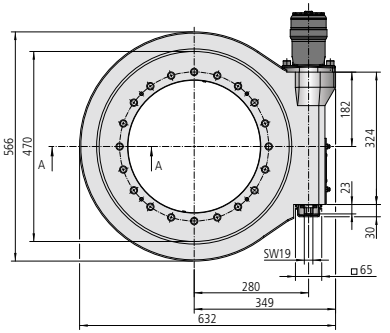


Please always observe the technical information!

Size WD-L 0419 / 2-row / 1 drive



The mounting structure must support the housing to at least ø419 and at most to ø544



Mounting holes
Y = 20 drill holes M16-40 deep, evenly distributed
Z = 20 drill holes ø18-10 deep / M16-30 deep, evenly distributed

Lubricating ports
4 conical grease nipples on internal diameter
2 conical grease nipples on housing exterior
Slew drive supplied pre-lubricated

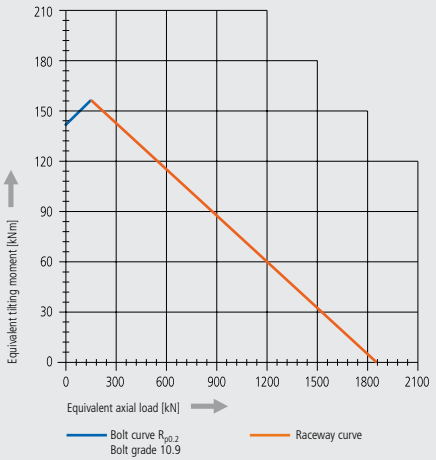
			Drawing number WD-L 0419/3-04684
Module	**m**	[mm]	5
Number of threads of the worm		[-]	1
Gear ratio	**i**	[-]	104
Self-locking gears			No**
Max. torque $s_F = 1$	$M_{d\,max}$	[Nm]	15606
Nom. torque $s_W = 1$ at $n = 1\ min^{-1}$	$M_{d\,nom}$	[Nm]	15606
Max. holding torque* $s_{F\,S} = 1$ (static)	$M_{h\,max}$	[Nm]	15606
Static load rating, radial	$C_{o\,rad}$	[kN]	691
Static load rating, axial	$C_{o\,ax}$	[kN]	1849
Dynamic load rating, radial	C_{rad}	[kN]	277
Dynamic load rating, axial	C_{ax}	[kN]	323
Weight, incl. 6 kg for hydraulic motor OMP (X) 160		[kg]	112

* Optionally with brake
** See: Technical Information, section *Self-locking*

The hydraulic/electric motor is selected according to the actual requirements and customer specification.
Selection example:
Performance data with hydraulic motor OMP (X) 160

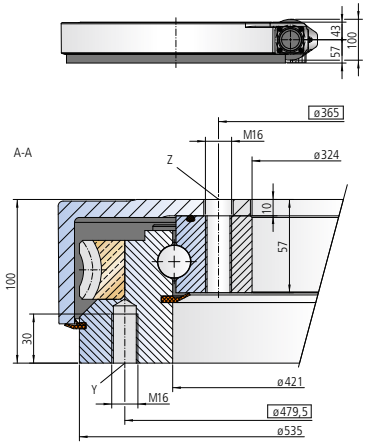
Pressure differential	**Δp**	[bar]	140
Oil flow	**Q**	[l/min]	20
Output speed	**n**	[min $^{-1}$]	1
Max. achievable torque	M_d	[Nm]	15606

Limiting load diagram for compressive loads

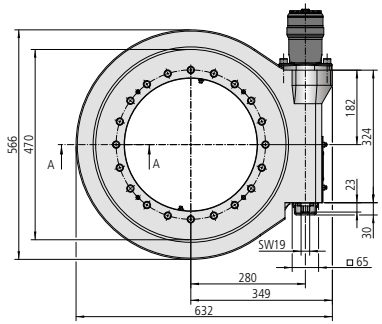


Please always observe the technical information!

Size WD-LC 0419 / 1-row / 1 drive - Bronze special design



The mounting structure must support the housing to at least ø419 and at most to ø544



Mounting holes
Y = 20 drill holes M16-30 deep, evenly distributed
Z = 20 drill holes ø18-10 deep / M16, evenly distributed

Lubricating ports
2 conical grease nipples on internal diameter
2 conical grease nipples on housing exterior
Slew drive supplied pre-lubricated

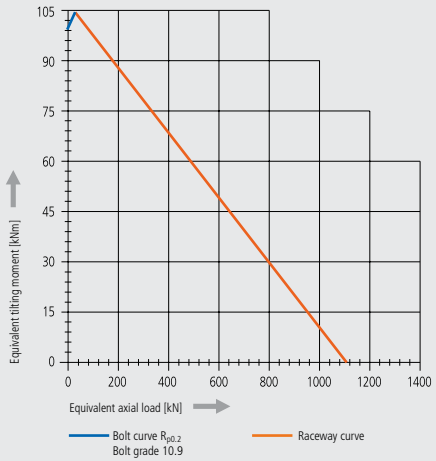
			Drawing number WD-LC 0419/1-07861
Module	**m**	[mm]	5
Number of threads of the worm		[-]	1
Gear ratio	**i**	[-]	104
Self-locking gears			No**
Max. torque $s_F = 1$	$M_{d\,max}$	[Nm]	7166
Nom. torque $s_W = 1$ at $n = 1\ min^{-1}$	$M_{d\,nom}$	[Nm]	7166
Max. holding torque* $s_{F\,S} = 1$ (static)	$M_{h\,max}$	[Nm]	7166
Static load rating, radial	$C_{o\,rad}$	[kN]	413
Static load rating, axial	$C_{o\,ax}$	[kN]	1107
Dynamic load rating, radial	C_{rad}	[kN]	170
Dynamic load rating, axial	C_{ax}	[kN]	198
Weight, incl. 6 kg for hydraulic motor OMP (X) 160		[kg]	103

* Optionally with brake
** See: Technical Information, section *Self-locking*

The hydraulic/electric motor is selected according to the actual requirements and customer specification.
Selection example:
Performance data with hydraulic motor OMP (X) 160

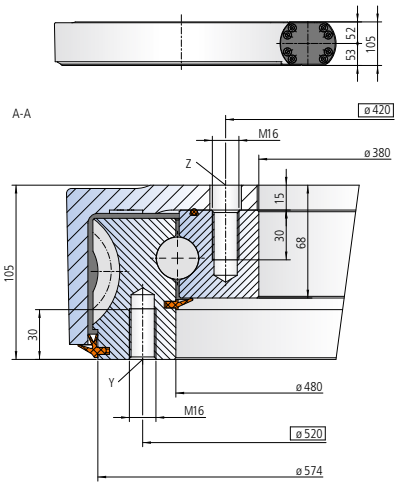
Pressure differential	**Δp**	[bar]	59
Oil flow	**Q**	[l/min]	17
Output speed	**n**	[min $^{-1}$]	1
Max. achievable torque	M_d	[Nm]	7166

Limiting load diagram for compressive loads

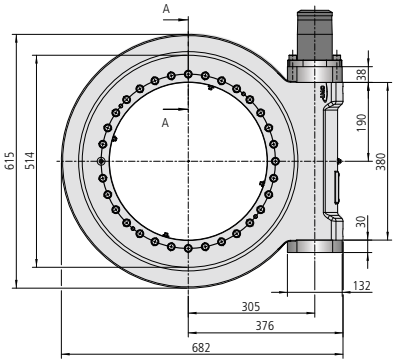


Please always observe the technical information!

Size WD-L 0478 / 1-row / 1 drive



The mounting structure must support the housing to at least ø478



Mounting holes
Y = 32 drill holes M16-30 deep, evenly distributed
Z = 31 drill holes ø19-15 deep / M16-30 deep, evenly spaced over 32 pitch

Lubricating ports
4 conical grease nipples on internal diameter
1 conical grease nipple on housing exterior
Slew drive supplied pre-lubricated

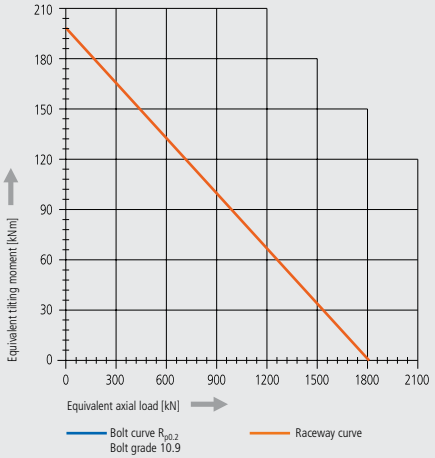
			Drawing number WD-L 0478/3-10090	
			Drawing number WD-L 0478/3-04904	
Module	**m**	[mm]	6	6
Number of threads of the worm		[-]	1	2
Gear ratio	**i**	[-]	93	47
Self-locking gears			No**	No**
Max. torque $s_F = 1$	$M_{d\,max}$	[Nm]	24288	24288
Nom. torque $s_W = 1$ at $n = 1\ min^{-1}$	$M_{d\,nom}$	[Nm]	24288	24288
Max. holding torque* $s_{F\,S} = 1$ (static)	$M_{h\,max}$	[Nm]	34263	34263
Static load rating, radial	$C_{o\,rad}$	[kN]	675	675
Static load rating, axial	$C_{o\,ax}$	[kN]	1808	1808
Dynamic load rating, radial	C_{rad}	[kN]	251	251
Dynamic load rating, axial	C_{ax}	[kN]	293	293
Weight, incl. 12 kg for hydraulic motor RE 300		[kg]	139	139

* Optionally with brake
** See: Technical Information, section *Self-locking*

The hydraulic/electric motor is selected according to the actual requirements and customer specification.
Selection example:
Performance data with hydraulic motor RE 300

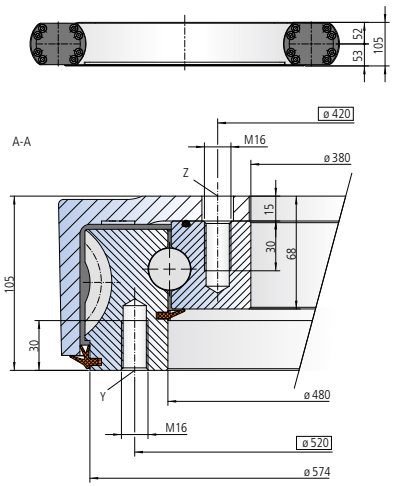
Pressure differential	**Δp**	[bar]	120	200
Oil flow	**Q**	[l/min]	33	22
Output speed	**n**	[min -1]	1	1
Max. achievable torque	M_d	[Nm]	24288	24288

Limiting load diagram for compressive loads

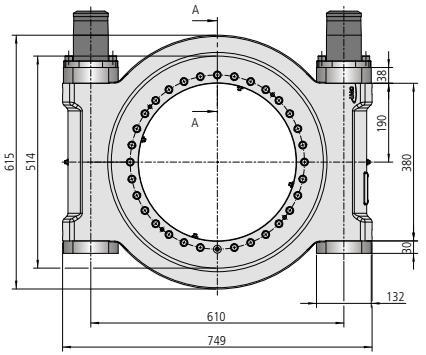


Please always observe the technical information!

Size WD-L 0478 / 1-row / 2 drives



The mounting structure must support the housing to at least ø478



Mounting holes
Y = 32 drill holes M16-30 deep, evenly distributed
Z = 31 drill holes ø19-15 deep / M16-30 deep, evenly spaced over 32 pitch

Lubricating ports
4 conical grease nipples on internal diameter
2 conical grease nipples on housing exterior
Slew drive supplied pre-lubricated

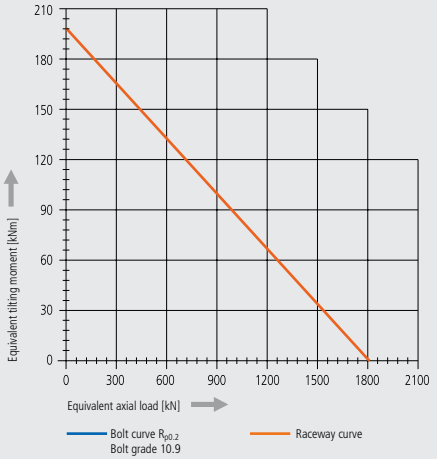
			Drawing number WD-L 0478/3-12520	
			Drawing number WD-L 0478/3-12316	
Module	**m**	[mm]	6	6
Number of threads of the worm		[-]	1	2
Gear ratio	**i**	[-]	93	47
Self-locking gears			No**	No**
Max. torque $s_F = 1$	$M_{d\,max}$	[Nm]	48576	48576
Nom. torque $s_W = 1$ at $n = 1\ min^{-1}$	$M_{d\,nom}$	[Nm]	48576	48576
Max. holding torque* $s_{F\,S} = 1$ (static)	$M_{h\,max}$	[Nm]	68526	68526
Static load rating, radial	$C_{o\,rad}$	[kN]	675	675
Static load rating, axial	$C_{o\,ax}$	[kN]	1808	1808
Dynamic load rating, radial	C_{rad}	[kN]	251	251
Dynamic load rating, axial	C_{ax}	[kN]	293	293
Weight, incl. 24 kg for two hydraulic motors RE 300		[kg]	184	184

* Optionally with brake
** See: Technical Information, section *Self-locking*

The hydraulic/electric motor is selected according to the actual requirements and customer specification.
Selection example:
Performance data with two hydraulic motors RE300

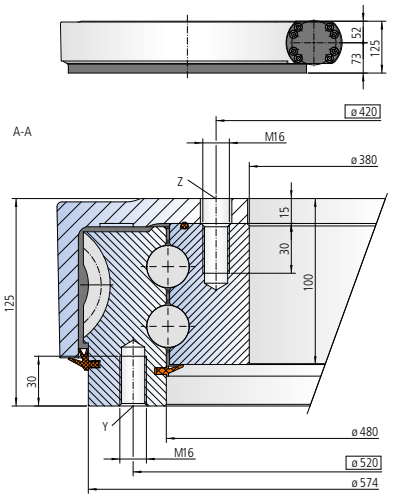
Pressure differential	**Δp**	[bar]	120	200
Oil flow	**Q**	[l/min]	66	44
Output speed	**n**	[min -1]	1	1
Max. achievable torque	M_d	[Nm]	48576	48576

Limiting load diagram for compressive loads

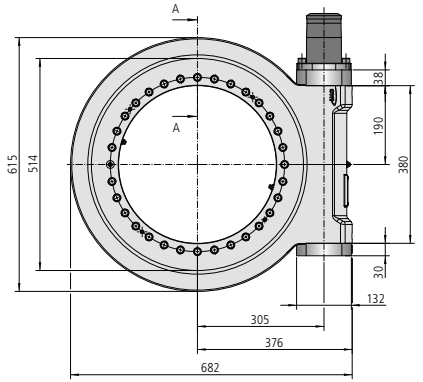


Please always observe the technical information!

Size WD-L 0478 / 2-row / 1 drive



The mounting structure must support the housing to at least ø478



Mounting holes
Y = 32 drill holes M16-28 deep, evenly distributed
Z = 31 drill holes ø19-15 deep / M16-30 deep, evenly spaced over 32 pitch

Lubricating drill holes
4 conical grease nipples on internal diameter
1 conical grease nipple on housing exterior
Slew drive supplied pre-lubricated

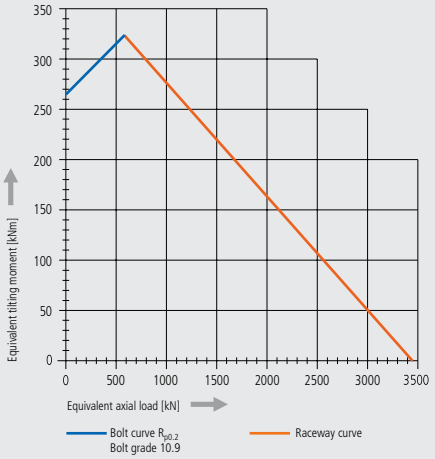
			Drawing number WD-L 0478/3-12521	
			Drawing number WD-L 0478/3-12317	
Module	**m**	[mm]	6	6
Number of threads of the worm		[-]	1	2
Gear ratio	**i**	[-]	93	47
Self-locking gears			No**	No**
Max. torque $s_F = 1$	$\mathbf{M_{d\,max}}$	[Nm]	24288	24288
Nom. torque $s_W = 1$ at n = 1 min^{-1}	$\mathbf{M_{d\,nom}}$	[Nm]	24288	24288
Max. holding torque* $s_{F\,S} = 1$ (static)	$\mathbf{M_{h\,max}}$	[Nm]	34263	34263
Static load rating, radial	$\mathbf{C_{o\,rad}}$	[kN]	1298	1298
Static load rating, axial	$\mathbf{C_{o\,ax}}$	[kN]	3474	3474
Dynamic load rating, radial	$\mathbf{C_{rad}}$	[kN]	460	460
Dynamic load rating, axial	$\mathbf{C_{ax}}$	[kN]	536	536
Weight, incl. 12 kg for hydraulic motor RE 300		[kg]	179	179

* Optionally with brake
** See: Technical Information, section *Self-locking*

The hydraulic/electric motor is selected according to the actual requirements and customer specification.
Selection example:
Performance data with hydraulic motor RE300

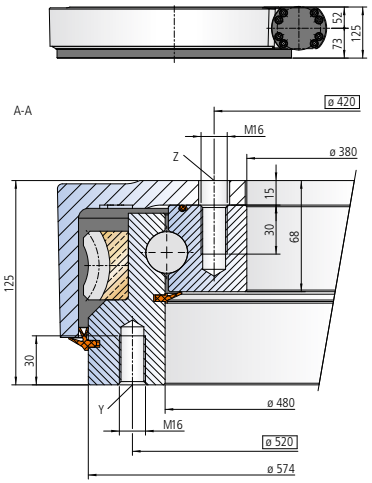
Pressure differential	**Δp**	[bar]	120	200
Oil flow	**Q**	[l/min]	33	22
Output speed	**n**	[min -1]	1	1
Max. achievable torque	$\mathbf{M_d}$	[Nm]	24288	24288

Limiting load diagram for compressive loads

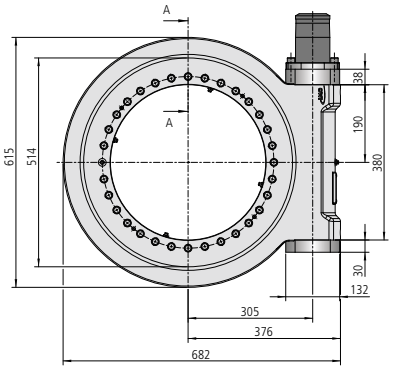


Please always observe the technical information!

Size WD-LC 0478 / 1-row / 1 drive - Bronze special design



The mounting structure must support the housing to at least ø478



Mounting holes
Y = 32 drill holes M16-30 deep, evenly distributed
Z = 31 drill holes ø19-15 deep / M16-30 deep, evenly spaced over 32 pitch

Lubricating ports
4 conical grease nipples on internal diameter
1 conical grease nipple on housing exterior
Slew drive supplied pre-lubricated

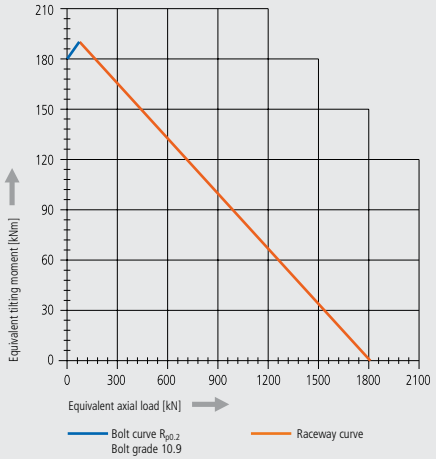
			Drawing number WD-LC 0478/1-12522	
			Drawing number WD-LC 0478/1-12355	
Module	**m**	[mm]	6	6
Number of threads of the worm		[-]	1	2
Gear ratio	**i**	[-]	93	47
Self-locking gears			No**	No**
Max. torque $s_F = 1$	$\mathbf{M_{d\,max}}$	[Nm]	11013	11013
Nom. torque $s_W = 1$ at n = 1 min^{-1}	$\mathbf{M_{d\,nom}}$	[Nm]	11013	11013
Max. holding torque* $s_{F\,S} = 1$ (static)	$\mathbf{M_{h\,max}}$	[Nm]	11013	11013
Static load rating, radial	$\mathbf{C_{o\,rad}}$	[kN]	675	675
Static load rating, axial	$\mathbf{C_{o\,ax}}$	[kN]	1808	1808
Dynamic load rating, radial	$\mathbf{C_{rad}}$	[kN]	251	251
Dynamic load rating, axial	$\mathbf{C_{ax}}$	[kN]	293	293
Weight, incl. 6 kg for OMP (X) 160 / 11 kg for RE 160		[kg]	170	175

* Optionally with brake
** See: Technical Information, section *Self-locking*

The hydraulic/electric motor is selected according to the actual requirements and customer specification.
Selection example:
Performance data with hydraulic motor

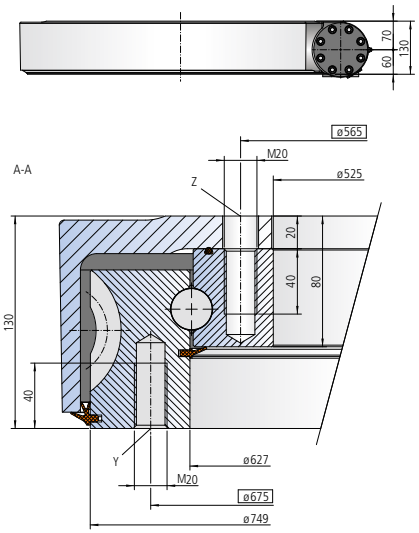
			OMP (X) 160	RE160
Pressure differential	**Δp**	[bar]	99	138
Oil flow	**Q**	[l/min]	17	10
Output speed	**n**	[min -1]	1	1
Max. achievable torque	$\mathbf{M_d}$	[Nm]	11013	11013

Limiting load diagram for compressive loads

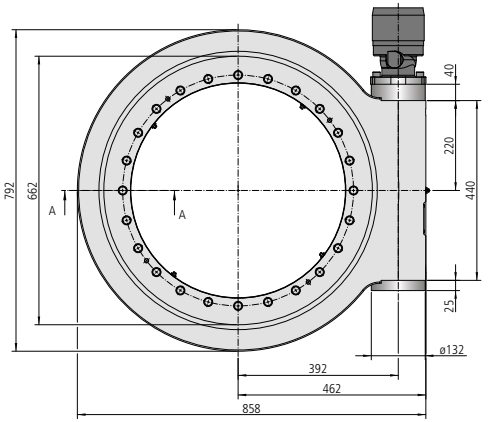


Please always observe the technical information!

Size WD-L 0625 / 1-row / 1 drive



The mounting structure must support the housing to at least ø625



Mounting holes
Y = 24 drill holes M20-40 deep, evenly distributed
Z = 24 drill holes ø22-20 deep / M20-40 deep, evenly distributed

Lubricating ports
4 conical grease nipples on internal diameter
1 conical grease nipple on housing exterior
Slew drive supplied pre-lubricated

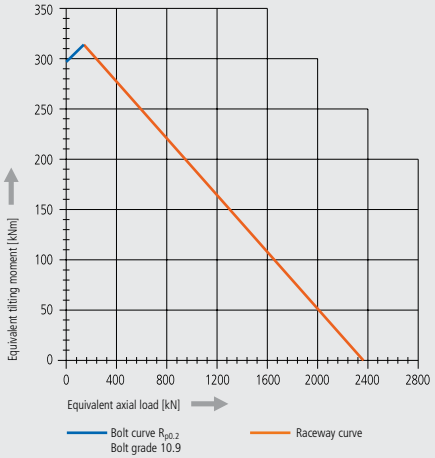
			Drawing number WD-L 0625/3-09738	
			Drawing number WD-L 0625/3-06290	
Module	**m**	[mm]	7	7
Number of threads of the worm		[-]	1	2
Gear ratio	**i**	[-]	104	51.5
Self-locking gears			No**	No**
Max. torque $s_F = 1$	$\mathbf{M_{d\,max}}$	[Nm]	42824	42824
Nom. torque $s_W = 1$ at n = 1 min^{-1}	$\mathbf{M_{d\,nom}}$	[Nm]	42824	42824
Max. holding torque* $s_{F\,S} = 1$ (static)	$\mathbf{M_{h\,max}}$	[Nm]	61177	61177
Static load rating, radial	$\mathbf{C_{o\,rad}}$	[kN]	883	883
Static load rating, axial	$\mathbf{C_{o\,ax}}$	[kN]	2364	2364
Dynamic load rating, radial	$\mathbf{C_{rad}}$	[kN]	280	280
Dynamic load rating, axial	$\mathbf{C_{ax}}$	[kN]	327	327
Weight, incl. 13 kg for RE470 / 24 kg for DT750		[kg]	235	246

* Optionally with brake
** See: Technical Information, section *Self-locking*

The hydraulic/electric motor is selected according to the actual requirements and customer specification.
Selection example:

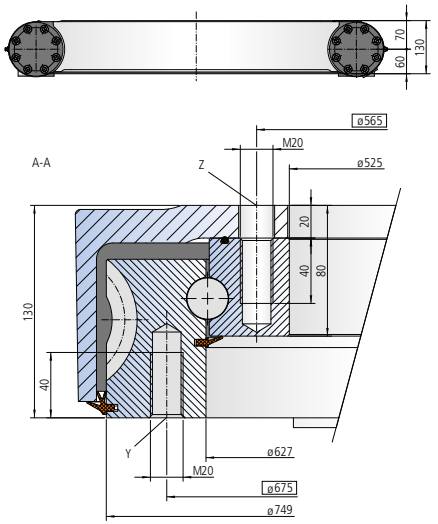
Performance data with hydraulic motor			RE470	DT750
Pressure differential	**Δp**	[bar]	138	128
Oil flow	**Q**	[l/min]	51	46
Output speed	**n**	[min $^{-1}$]	1	1
Max. achievable torque	$\mathbf{M_d}$	[Nm]	42824	42824

Limiting load diagram for compressive loads

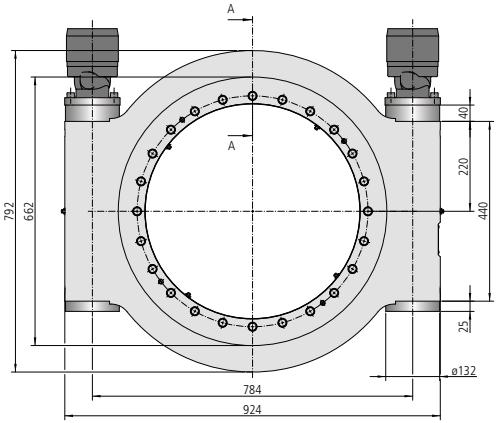


Please always observe the technical information!

Size WD-L 0625 / 1-row / 2 drives



The mounting structure must support the housing to at least ø625



Mounting holes
Y = 24 drill holes M20-40 deep, evenly distributed
Z = 24 drill holes ø22-20 deep / M20-40 deep, evenly distributed

Lubricating ports
4 conical grease nipples on internal diameter
2 conical grease nipples on housing exterior
Slew drive supplied pre-lubricated

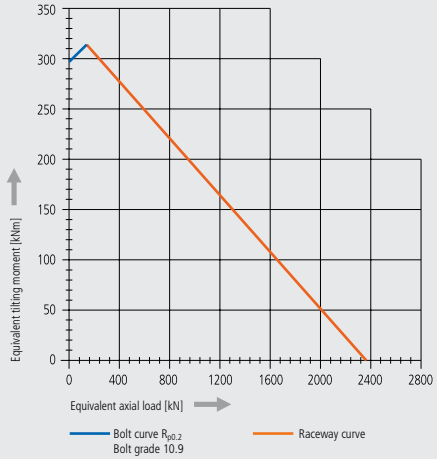
			Drawing number WD-L 0625/3-12523	
			Drawing number WD-L 0625/3-12003	
Module	**m**	[mm]	7	7
Number of threads of the worm		[-]	1	2
Gear ratio	**i**	[-]	104	51.5
Self-locking gears			No**	No**
Max. torque $s_F = 1$	$\mathbf{M_{d\,max}}$	[Nm]	85648	85648
Nom. torque $s_W = 1$ at n = 1 min^{-1}	$\mathbf{M_{d\,nom}}$	[Nm]	85648	85648
Max. holding torque* $s_{F\,S} = 1$ (static)	$\mathbf{M_{h\,max}}$	[Nm]	122354	122354
Static load rating, radial	$\mathbf{C_{o\,rad}}$	[kN]	883	883
Static load rating, axial	$\mathbf{C_{o\,ax}}$	[kN]	2364	2364
Dynamic load rating, radial	$\mathbf{C_{rad}}$	[kN]	280	280
Dynamic load rating, axial	$\mathbf{C_{ax}}$	[kN]	327	327
Weight, incl. 26 kg for RE470 / 48 kg for 2x DT750		[kg]	291	313

* Optionally with brake
** See: Technical Information, section *Self-locking*

The hydraulic/electric motor is selected according to the actual requirements and customer specification.
Selection example:

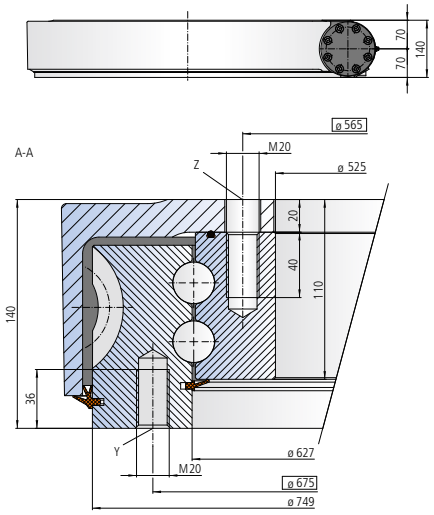
Performance data with two hydraulic motors			RE470	DT750
Pressure differential	**Δp**	[bar]	138	128
Oil flow	**Q**	[l/min]	102	92
Output speed	**n**	[min $^{-1}$]	1	1
Max. achievable torque	$\mathbf{M_d}$	[Nm]	85648	85648

Limiting load diagram for compressive loads

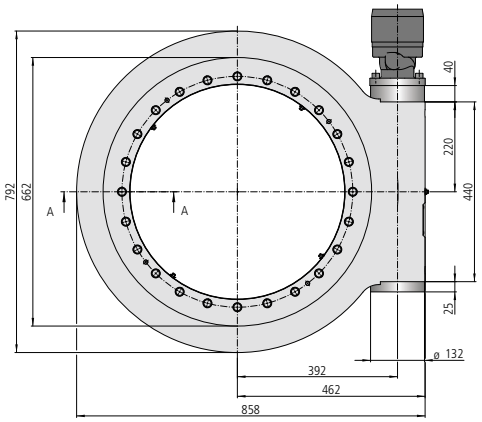


Please always observe the technical information!

Size WD-L 0625 / 2-row / 1 drive



The mounting structure must support the housing to at least ø625



Mounting holes
Y = 24 drill holes M20-36 deep, evenly distributed
Z = 24 drill holes ø22-20 deep / M20-40 deep, evenly distributed

Lubricating ports
8 conical grease nipples on internal diameter
1 conical grease nipple on housing exterior
Slew drive supplied pre-lubricated

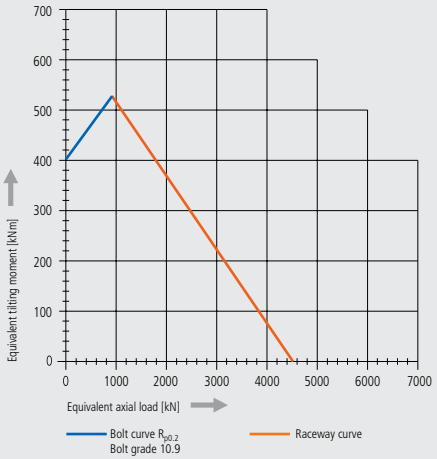
			Drawing number WD-L 0625/3-12524	
			Drawing number WD-L 0625/3-12004	
Module	**m**	[mm]	7	7
Number of threads of the worm		[-]	1	2
Gear ratio	**i**	[-]	104	51.5
Self-locking gears			No**	No**
Max. torque $s_F = 1$	$M_{d\,max}$	[Nm]	42824	42824
Nom. torque $s_W = 1$ at n = 1 min^{-1}	$M_{d\,nom}$	[Nm]	42824	42824
Max. holding torque* $s_{F\,S} = 1$ (static)	$M_{h\,max}$	[Nm]	61177	61177
Static load rating, radial	$C_{o\,rad}$	[kN]	1697	1697
Static load rating, axial	$C_{o\,ax}$	[kN]	4543	4543
Dynamic load rating, radial	C_{rad}	[kN]	512	512
Dynamic load rating, axial	C_{ax}	[kN]	598	598
Weight, incl. 13 kg for RE470 / 24 kg for DT750		[kg]	281	292

* Optionally with brake
** See: Technical Information, section *Self-locking*

The hydraulic/electric motor is selected according to the actual requirements and customer specification.
Selection example:

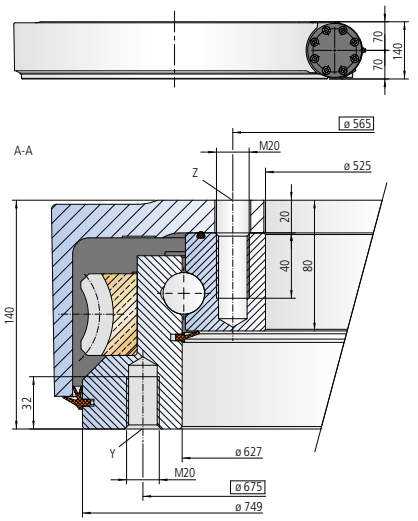
Performance data with hydraulic motor			RE470	DT750
Pressure differential	**Δp**	[bar]	138	128
Oil flow	**Q**	[l/min]	51	46
Output speed	**n**	[min $^{-1}$]	1	1
Max. achievable torque	M_d	[Nm]	42824	42824

Limiting load diagram for compressive loads

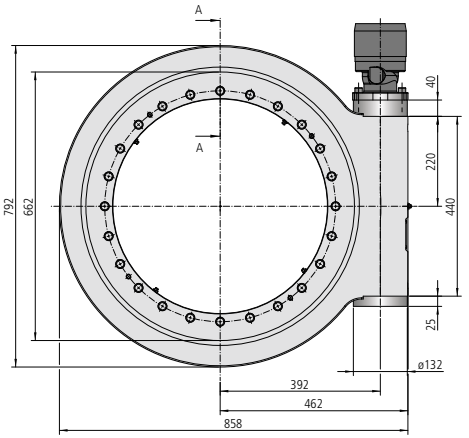


Please always observe the technical information!

Size WD-LC 0625 / 1-row / 1 drive - Bronze special design



The mounting structure must support the housing to at least ø625



Mounting holes
Y = 24 drill holes M20-32 deep, evenly distributed
Z = 24 drill holes ø22-20 deep / M20-40 deep, evenly distributed

Lubricating ports
4 conical grease nipples on internal diameter
1 conical grease nipple on housing exterior
Slew drive supplied pre-lubricated

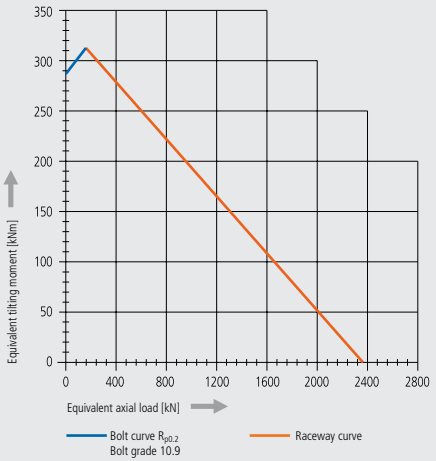
			Drawing number WD-LC 0625/1-12525	
			Drawing number WD-LC 0625/1-12356	
Module	**m**	[mm]	7	7
Number of threads of the worm		[-]	1	2
Gear ratio	**i**	[-]	104	51.5
Self-locking gears			No**	No**
Max. torque $s_F = 1$	$M_{d\,max}$	[Nm]	19664	19664
Nom. torque $s_W = 1$ at n = 1 min^{-1}	$M_{d\,nom}$	[Nm]	19664	19664
Max. holding torque* $s_{F\,S} = 1$ (static)	$M_{h\,max}$	[Nm]	19664	19664
Static load rating, radial	$C_{o\,rad}$	[kN]	883	883
Static load rating, axial	$C_{o\,ax}$	[kN]	2364	2364
Dynamic load rating, radial	C_{rad}	[kN]	280	280
Dynamic load rating, axial	C_{ax}	[kN]	327	327
Weight, incl. 11 kg for RE160 / 12 kg for RE260		[kg]	253	254

* Optionally with brake
** See: Technical Information, section *Self-locking*

The hydraulic/electric motor is selected according to the actual requirements and customer specification.
Selection example:

Performance data with hydraulic motor			RE160	RE260
Pressure differential	**Δp**	[bar]	137	163
Oil flow	**Q**	[l/min]	20	17
Output speed	**n**	[min $^{-1}$]	1	1
Max. achievable torque	M_d	[Nm]	19664	19664

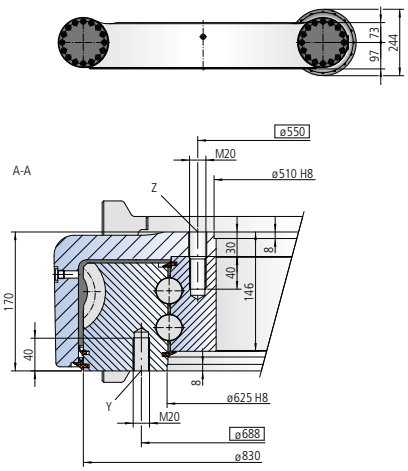
Limiting load diagram for compressive loads

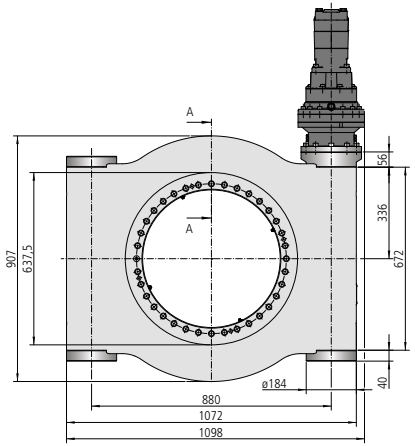


Please always observe the technical information!

Please note: This slew drive is only available after prior technical design by IMO Application Engineering department.

Size WD-L 0620 / 2-row / 1 drive





The mounting structure must support the housing to at least ø620 and at most to ø700

Mounting holes
Y = 40 drill holes M20-40 deep, evenly distributed
Z = 35 drill holes ø22-30 deep / M20-40 deep, evenly spaced over 36 pitch

Lubricating ports
8 conical grease nipples on internal diameter
4 conical grease nipples on housing exterior
Slew drive supplied pre-lubricated

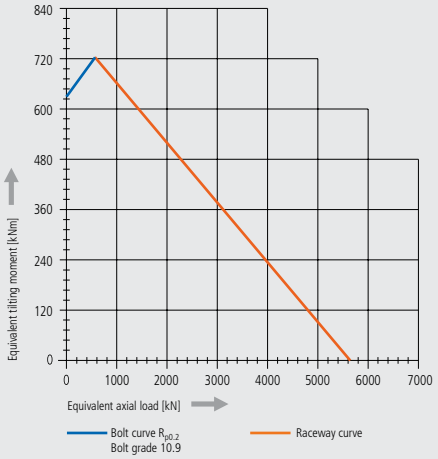
			Drawing number WD-L 0620/3-11541	
			Drawing number WD-L 0620/3-11539	
Module	**m**	[mm]	10	10
Number of threads of the worm		[-]	1	2
Gear ratio	**i**	[-]	80	40
Overall gear ratio incl. gear box	i_{tot}	[-]	340	170
Self-locking gears			No**	No**
Max. torque $S_F = 1$	$M_{d\,max}$	[Nm]	137200	137200
Nom. torque $S_M = 1$ at n = 1 min^{-1}	$M_{d\,nom}$	[Nm]	137200	137200
Max. holding torque* $S_{F\,S} = 1$ (static)	$M_{h\,max}$	[Nm]	137200	137200
Static load rating, radial	$C_{o\,rad}$	[kN]	2116	2116
Static load rating, axial	$C_{o\,ax}$	[kN]	5664	5664
Dynamic load rating, radial	C_{rad}	[kN]	753	753
Dynamic load rating, axial	C_{ax}	[kN]	878	878
Weight, incl. 22 kg for OTM315 / 24 kg for OMT500		[kg]	740	742

* Optionally with brake
** See: Technical Information, section *Self-locking*

The hydraulic/electric motor is selected according to the actual requirements and customer specification.
Selection example: Performance data with gear box 305 and hydraulic motor

			OMT315	OMT500
Pressure differential	**Δp**	[bar]	175	165
Oil flow	**Q**	[l/min]	115	98
Output speed	**n**	[min $^{-1}$]	1	1
Max. achievable torque	M_d	[Nm]	137200	137200

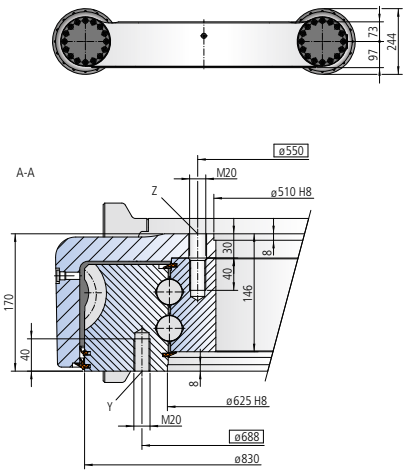
Limiting load diagram for compressive loads

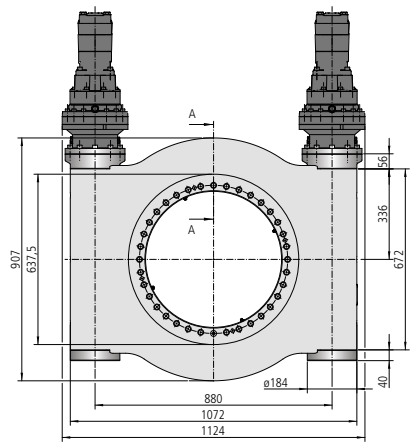


Please always observe the technical information!

Please note: This slew drive is only available after prior technical design by IMO Application Engineering department.

Size WD-L 0620 / 2-row / 2 drives





The mounting structure must support the housing to at least ø620 and at most to ø700

Mounting holes
Y = 40 drill holes M20-40 deep, evenly distributed
Z = 35 drill holes ø22-30 deep / M20-40 deep, evenly spaced over 36 pitch

Lubricating ports
8 conical grease nipples on internal diameter
2 conical grease nipples on housing exterior
Slew drive supplied pre-lubricated

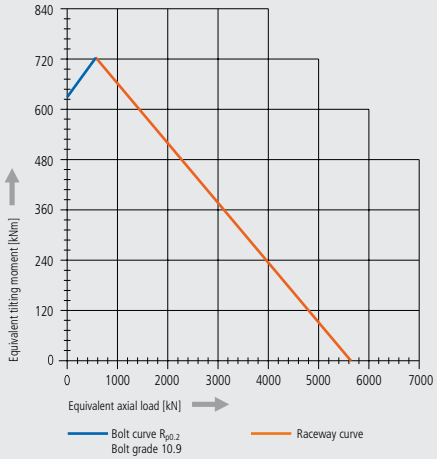
			Drawing number WD-L 0620/3-10983	
			Drawing number WD-L 0620/3-11540	
Module	**m**	[mm]	10	10
Number of threads of the worm		[-]	1	2
Gear ratio	**i**	[-]	80	40
Overall gear ratio incl. gear box	i_{tot}	[-]	340	170
Self-locking gears			No**	No**
Max. torque $S_F = 1$	$M_{d\,max}$	[Nm]	274400	274400
Nom. torque $S_M = 1$ at n = 1 min^{-1}	$M_{d\,nom}$	[Nm]	274400	274400
Max. holding torque* $S_{F\,S} = 1$ (static)	$M_{h\,max}$	[Nm]	274400	274400
Static load rating, radial	$C_{o\,rad}$	[kN]	2116	2116
Static load rating, axial	$C_{o\,ax}$	[kN]	5664	5664
Dynamic load rating, radial	C_{rad}	[kN]	753	753
Dynamic load rating, axial	C_{ax}	[kN]	878	878
Weight, incl. 44kg for 2x OTM315 / 48 kg for 2x OMT500		[kg]	860	864

* Optionally with brake
** See: Technical Information, section *Self-locking*

The hydraulic/electric motor is selected according to the actual requirements and customer specification.
Selection example: Performance data with gear box 305 and two hydraulic motors

			OMT315	OMT500
Pressure differential	**Δp**	[bar]	175	165
Oil flow	**Q**	[l/min]	230	196
Output speed	**n**	[min $^{-1}$]	1	1
Max. achievable torque	M_d	[Nm]	274400	274400

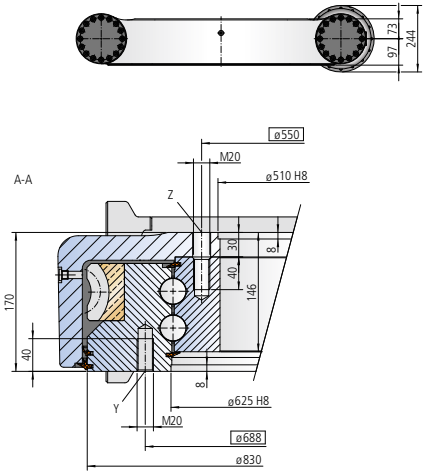
Limiting load diagram for compressive loads

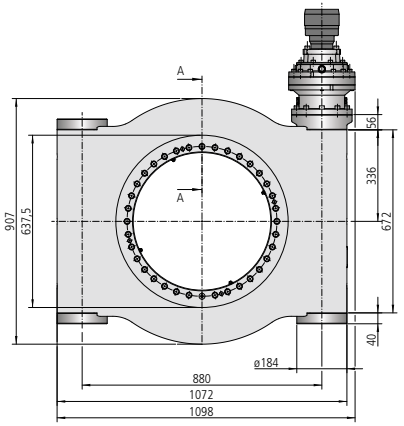


Please always observe the technical information!

Please note: This slew drive is only available after prior technical design by IMO Application Engineering department.

Size WD-LC 0620 / 2-row / 1 drive - Bronze special design





The mounting structure must support the housing to at least ø620 and at most to ø700

Mounting holes
Y = 40 drill holes M20-40 deep, evenly distributed
Z = 35 drill holes ø22-30 deep / M20-40 deep, evenly spaced over 36 pitch

Lubricating ports
8 conical grease nipples on internal diameter
4 conical grease nipples on housing exterior
Slew drive supplied pre-lubricated

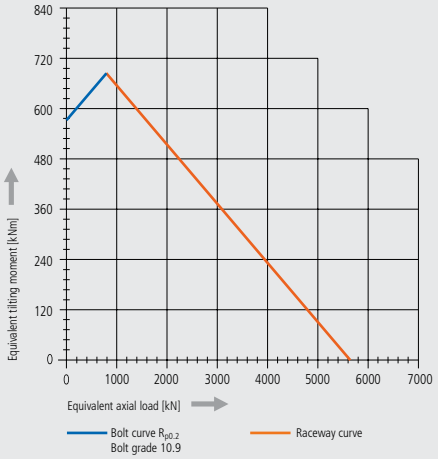
			Drawing number WD-LC 0620/1-11822	
			Drawing number WD-LC 0620/1-11820	
Module	**m**	[mm]	10	10
Number of threads of the worm		[-]	1	2
Gear ratio	**i**	[-]	80	40
Overall gear ratio incl. gear box	i_{tot}	[-]	340	170
Self-locking gears			No**	No**
Max. torque $S_F = 1$	$M_{d\,max}$	[Nm]	63000	63000
Nom. torque $S_W = 1$ at n = 1 min-1	$M_{d\,nom}$	[Nm]	63000	63000
Max. holding torque* $S_{F\,S} = 1$ (static)	$M_{h\,max}$	[Nm]	63000	63000
Static load rating, radial	$C_{o\,rad}$	[kN]	2116	2116
Static load rating, axial	$C_{o\,ax}$	[kN]	5664	5664
Dynamic load rating, radial	C_{rad}	[kN]	753	753
Dynamic load rating, axial	C_{ax}	[kN]	878	878
Weight, incl. 11 kg for hydraulic motor RE200		[kg]	728	728

* Optionally with brake
** See: Technical Information, section *Self-locking*

The hydraulic/electric motor is selected according to the actual requirements and customer specification.
Selection example:
Performance data with gear box 303 and hydraulic motor RE200

Pressure differential	**Δp**	[bar]	141	202
Oil flow	**Q**	[l/min]	71	38
Output speed	**n**	[min $^{-1}$]	1	1
Max. achievable torque	M_d	[Nm]	63000	63000

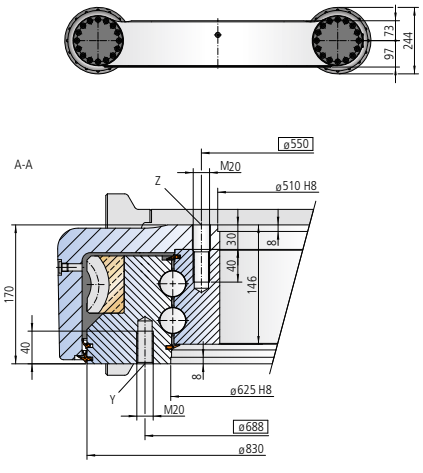
Limiting load diagram for compressive loads

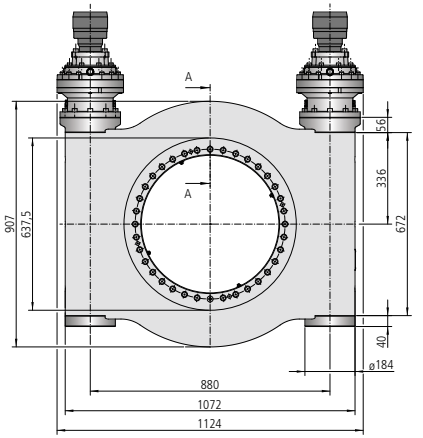


Please always observe the technical information!

Please note: This slew drive is only available after prior technical design by IMO Application Engineering department.

Size WD-LC 0620 / 2-row / 2 drives - Bronze special design





The mounting structure must support the housing to at least ø620 and at most to ø700

Mounting holes
Y = 40 drill holes M20-40 deep, evenly distributed
Z = 35 drill holes ø22-30 deep / M20-40 deep, evenly spaced over 36 pitch

Lubricating ports
8 conical grease nipples on internal diameter
2 conical grease nipples on housing exterior
Slew drive supplied pre-lubricated

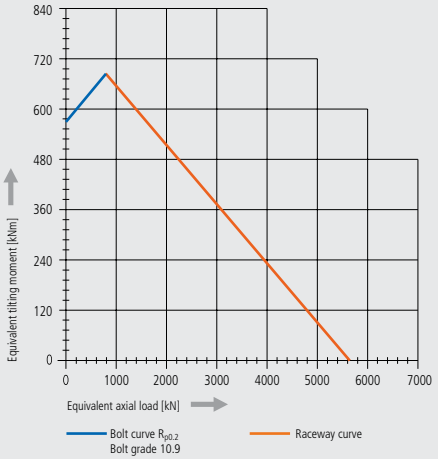
			Drawing number WD-LC 0620/1-11823	
			Drawing number WD-LC 0620/1-11821	
Module	**m**	[mm]	10	10
Number of threads of the worm		[-]	1	2
Gear ratio	**i**	[-]	80	40
Overall gear ratio incl. gear box	i_{tot}	[-]	340	170
Self-locking gears			No**	No**
Max. torque $S_F = 1$	$M_{d\,max}$	[Nm]	126000	126000
Nom. torque $S_W = 1$ at n = 1 min-1	$M_{d\,nom}$	[Nm]	126000	126000
Max. holding torque* $S_{F\,S} = 1$ (static)	$M_{h\,max}$	[Nm]	126000	126000
Static load rating, radial	$C_{o\,rad}$	[kN]	2116	2116
Static load rating, axial	$C_{o\,ax}$	[kN]	5664	5664
Dynamic load rating, radial	C_{rad}	[kN]	753	753
Dynamic load rating, axial	C_{ax}	[kN]	878	878
Weight, incl. 22 kg for 2 hydraulic motors RE200		[kg]	835	835

* Optionally with brake
** See: Technical Information, section *Self-locking*

The hydraulic/electric motor is selected according to the actual requirements and customer specification.
Selection example:
Performance data with gear box 303 and two hydraulic motors RE200

Pressure differential	**Δp**	[bar]	141	202
Oil flow	**Q**	[l/min]	142	76
Output speed	**n**	[min $^{-1}$]	1	1
Max. achievable torque	M_d	[Nm]	126000	126000

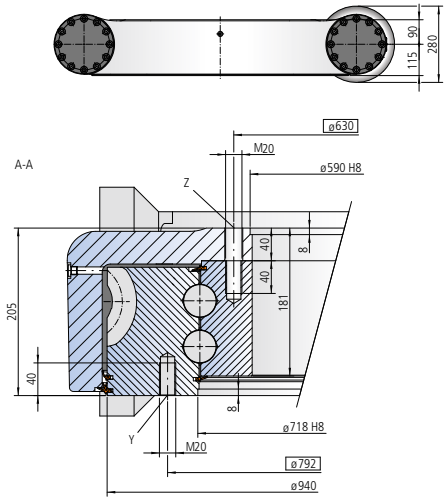
Limiting load diagram for compressive loads



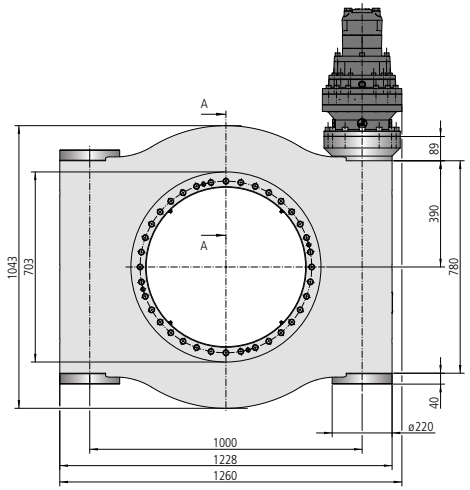
Please always observe the technical information!

Please note: This slew drive is only available after prior technical design by IMO Application Engineering department.

Size WD-L 0713 / 2-row / 1 drive



The mounting structure must support the housing to at least ø713 and at most to ø760



Mounting holes
Y = 48 drill holes M20-40 deep, evenly distributed
Z = 36 drill holes ø22-40 deep / M20-40 deep, evenly distributed

Lubricating ports
8 conical grease nipples on internal diameter
4 conical grease nipples on housing exterior
Slew drive supplied pre-lubricated

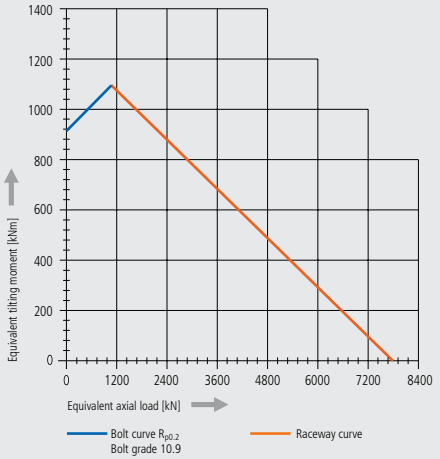
			Drawing number WD-L 0713/3-11826	
			Drawing number WD-L 0713/3-11824	
Module	**m**	[mm]	12	12
Number of threads of the worm		[-]	1	2
Gear ratio	**i**	[-]	75	37.5
Overall gear ratio incl. gear box	$\mathbf{i_{tot}}$	[-]	270	200
Self-locking gears			No**	No**
Max. torque $S_F = 1$	$\mathbf{M_{d\,max}}$	[Nm]	223252	223252
Nom. torque $S_W = 1$ at n = 1 min^{-1}	$\mathbf{M_{d\,nom}}$	[Nm]	223252	223252
Max. holding torque* $S_{F\,S} = 1$ (static)	$\mathbf{M_{h\,max}}$	[Nm]	223252	223252
Static load rating, radial	$\mathbf{C_{o\,rad}}$	[kN]	2906	2906
Static load rating, axial	$\mathbf{C_{o\,ax}}$	[kN]	7777	7777
Dynamic load rating, radial	$\mathbf{C_{rad}}$	[kN]	1003	1003
Dynamic load rating, axial	$\mathbf{C_{ax}}$	[kN]	1169	1169
Weight, incl. 26 kg for hydraulic motor OMVS630		[kg]	1215	1215

* Optionally with brake
** See: Technical Information, section *Self-locking*

The hydraulic/electric motor is selected according to the actual requirements and customer specification.
Selection example:
Performance data with gear box 306 and hydraulic motor OMVS630

Pressure differential	**Δp**	[bar]	185	190
Oil flow	**Q**	[l/min]	180	135
Output speed	**n**	[min $^{-1}$]	1	1
Max. achievable torque	$\mathbf{M_d}$	[Nm]	223252	223252

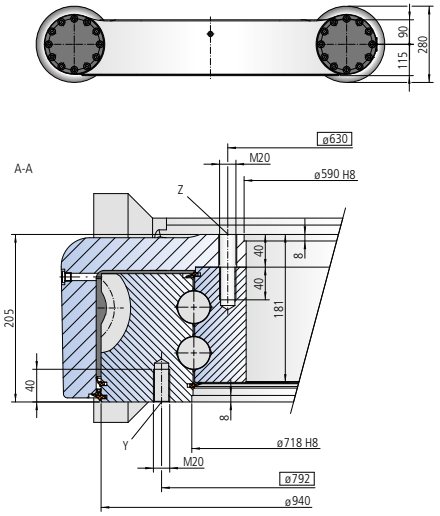
Limiting load diagram for compressive loads



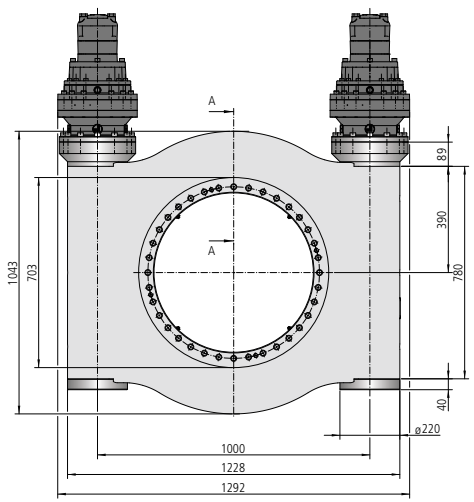
Please always observe the technical information!

Please note: This slew drive is only available after prior technical design by IMO Application Engineering department.

Size WD-L 0713 / 2-row / 2 drives



The mounting structure must support the housing to at least ø713 and at most to ø760



Mounting holes
Y = 48 drill holes M20-40 deep, evenly distributed
Z = 36 drill holes ø22-40 deep / M20-40 deep, evenly distributed

Lubricating ports
8 conical grease nipples on internal diameter
2 conical grease nipples on housing exterior
Slew drive supplied pre-lubricated

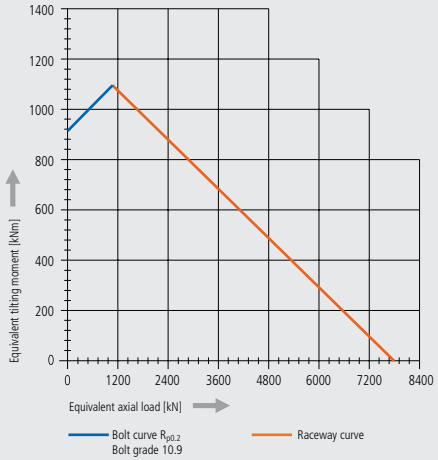
			Drawing number WD-L 0713/3-11827	
			Drawing number WD-L 0713/3-11825	
Module	**m**	[mm]	12	12
Number of threads of the worm		[-]	1	2
Gear ratio	**i**	[-]	75	37.5
Overall gear ratio incl. gear box	$\mathbf{i_{tot}}$	[-]	270	200
Self-locking gears			No**	No**
Max. torque $S_F = 1$	$\mathbf{M_{d\,max}}$	[Nm]	446504	446504
Nom. torque $S_W = 1$ at n = 1 min^{-1}	$\mathbf{M_{d\,nom}}$	[Nm]	446504	446504
Max. holding torque* $S_{F\,S} = 1$ (static)	$\mathbf{M_{h\,max}}$	[Nm]	446504	446504
Static load rating, radial	$\mathbf{C_{o\,rad}}$	[kN]	2906	2906
Static load rating, axial	$\mathbf{C_{o\,ax}}$	[kN]	7777	7777
Dynamic load rating, radial	$\mathbf{C_{rad}}$	[kN]	1003	1003
Dynamic load rating, axial	$\mathbf{C_{ax}}$	[kN]	1169	1169
Weight, incl. 52 kg for 2 hydraulic motors OMVS630		[kg]	1400	1400

* Optionally with brake
** See: Technical Information, section *Self-locking*

The hydraulic/electric motor is selected according to the actual requirements and customer specification.
Selection example:
Performance data with gear box 306 and two hydraulic motors OMVS630

Pressure differential	**Δp**	[bar]	185	190
Oil flow	**Q**	[l/min]	360	270
Output speed	**n**	[min $^{-1}$]	1	1
Max. achievable torque	$\mathbf{M_d}$	[Nm]	446504	446504

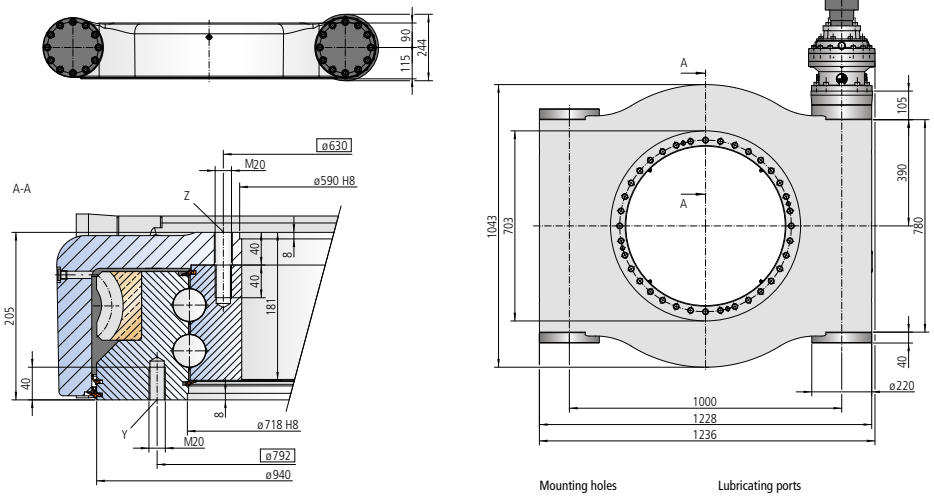
Limiting load diagram for compressive loads



Please always observe the technical information!

Please note: This slew drive is only available after prior technical design by IMO Application Engineering department.

Size WD-LC 0713 / 2-row / 1 drive - Bronze special design



The mounting structure must support the housing to at least ø713 and at most to ø760

Mounting holes
Y = 48 drill holes M20-40 deep, evenly distributed
Z = 36 drill holes ø22-40 deep / M20-40 deep, evenly distributed

Lubricating ports
8 conical grease nipples on internal diameter
4 conical grease nipples on housing exterior
Slew drive supplied pre-lubricated

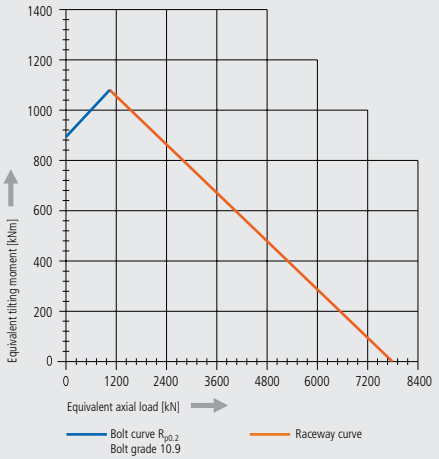
			Drawing number WD-LC 0713/1-11545	
			Drawing number WD-LC 0713/1-11543	
Module	**m**	[mm]	12	12
Number of threads of the worm		[-]	1	2
Gear ratio	**i**	[-]	75	37.5
Overall gear ratio incl. gear box	i_{tot}	[-]	270	200
Self-locking gears			No**	No**
Max. torque $S_F = 1$	$M_{d\,max}$	[Nm]	102513	102513
Nom. torque $S_W = 1$ at n = 1 min^{-1}	$M_{d\,nom}$	[Nm]	102513	102513
Max. holding torque* $S_{F\,S} = 1$ (static)	$M_{h\,max}$	[Nm]	102513	102513
Static load rating, radial	$C_{o\,rad}$	[kN]	2906	2906
Static load rating, axial	$C_{o\,ax}$	[kN]	7777	7777
Dynamic load rating, radial	C_{rad}	[kN]	1003	1003
Dynamic load rating, axial	C_{ax}	[kN]	1169	1169
Weight, incl. 12 kg for hydraulic motor RE300		[kg]	1132	1132

* Optionally with brake
** See: Technical Information, section *Self-locking*

The hydraulic/electric motor is selected according to the actual requirements and customer specification.
Selection example:
Performance data with gear box 305 and hydraulic motor RE300

Pressure differential	**Δp**	[bar]	197	192
Oil flow	**Q**	[l/min]	87	69
Output speed	**n**	[min $^{-1}$]	1	1
Max. achievable torque	M_d	[Nm]	102513	102513

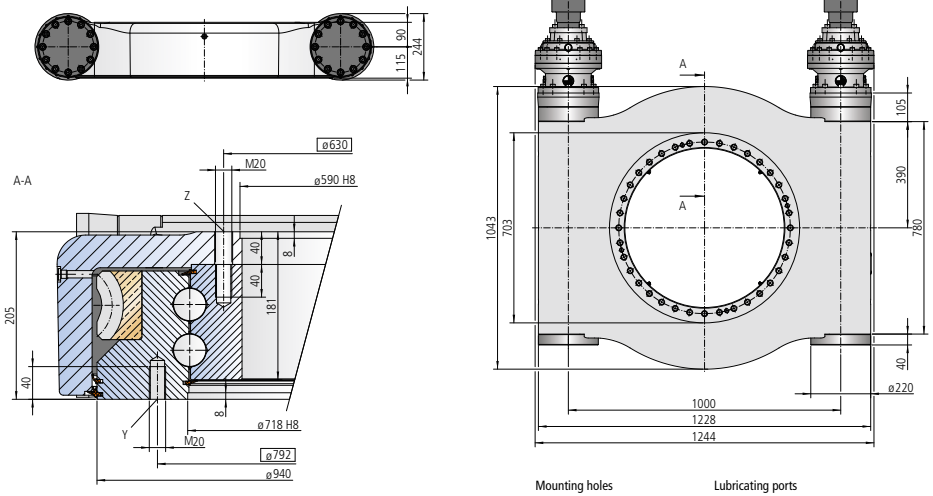
Limiting load diagram for compressive loads



Please always observe the technical information!

Please note: This slew drive is only available after prior technical design by IMO Application Engineering department.

Size WD-LC 0713 / 2-row / 2 drives - Bronze special design



The mounting structure must support the housing to at least ø713 and at most to ø760

Mounting holes
Y = 48 drill holes M20-40 deep, evenly distributed
Z = 36 drill holes ø22-40 deep / M20-40 deep, evenly distributed

Lubricating ports
8 conical grease nipples on internal diameter
2 conical grease nipples on housing exterior
Slew drive supplied pre-lubricated

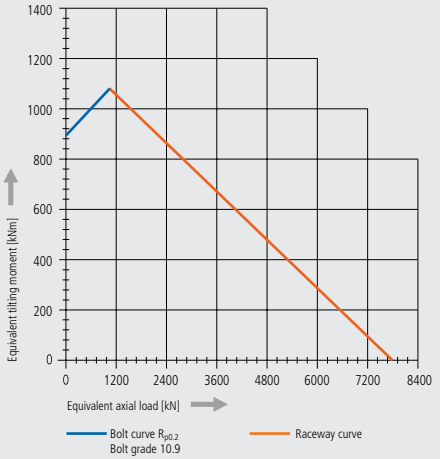
			Drawing number WD-LC 0713/1-11546	
			Drawing number WD-LC 0713/1-11544	
Module	**m**	[mm]	12	12
Number of threads of the worm		[-]	1	2
Gear ratio	**i**	[-]	75	37.5
Overall gear ratio incl. gear box	i_{tot}	[-]	270	200
Self-locking gears			No**	No**
Max. torque $S_F = 1$	$M_{d\,max}$	[Nm]	205026	205026
Nom. torque $S_W = 1$ at n = 1 min^{-1}	$M_{d\,nom}$	[Nm]	205026	205026
Max. holding torque* $S_{F\,S} = 1$ (static)	$M_{h\,max}$	[Nm]	205026	205026
Static load rating, radial	$C_{o\,rad}$	[kN]	2906	2906
Static load rating, axial	$C_{o\,ax}$	[kN]	7777	7777
Dynamic load rating, radial	C_{rad}	[kN]	1003	1003
Dynamic load rating, axial	C_{ax}	[kN]	1169	1169
Weight, incl. 24 kg for 2 hydraulic motors RE300		[kg]	1285	1285

* Optionally with brake
** See: Technical Information, section *Self-locking*

The hydraulic/electric motor is selected according to the actual requirements and customer specification.
Selection example:
Performance data with gear box 305 and two hydraulic motors RE300

Pressure differential	**Δp**	[bar]	197	192
Oil flow	**Q**	[l/min]	174	138
Output speed	**n**	[min $^{-1}$]	1	1
Max. achievable torque	M_d	[Nm]	205026	205026

Limiting load diagram for compressive loads



Please always observe the technical information!