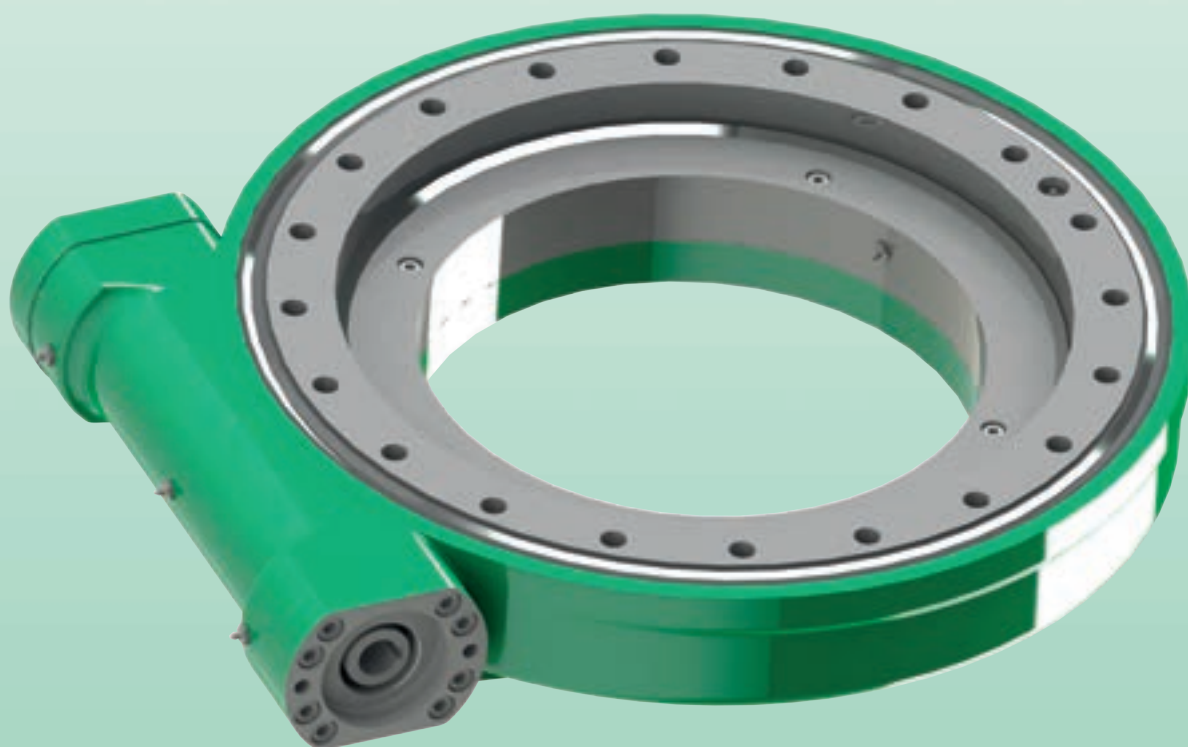




TAVOLE GIREVOLI

SLEWING GEARS

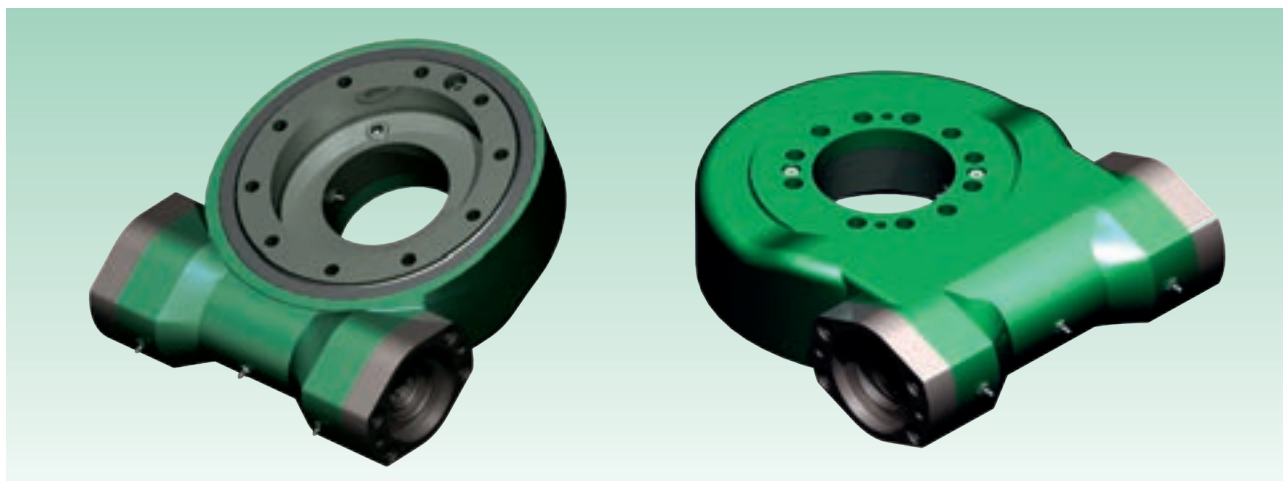


SG SERIES

SG 175

TAVOLA GIREVOLE CON VITE SENZA FINE

SLEWING GEARS WITH WORM DRIVE



Massima Coppia sulla tavola Max Output Torque	Massimo Momento ribaltante Max Tilting Moment	Coppia di irreversibilità Holding Torque	Carico statico / Static Rating		Carico dinamico / Dynamic Rating		Rapporto di riduzione vite senza fine Ratio of Worm Gear	Precisione sul posizionamento Tracking precision	Peso Weight
			Assiale / Axial Coa	Radiale / Radial Cor	Assiale / Axial Ca	Radiale / Radial Cr			
[KNm]	[KNm]	[KNm]	[KN]	[KN]	[KN]	[KN]	[-]	[°]	[kg]
3,5	13,5	20	210	85	60	45	47:1	≤ 0.15 °	35

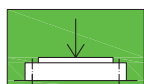
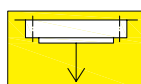
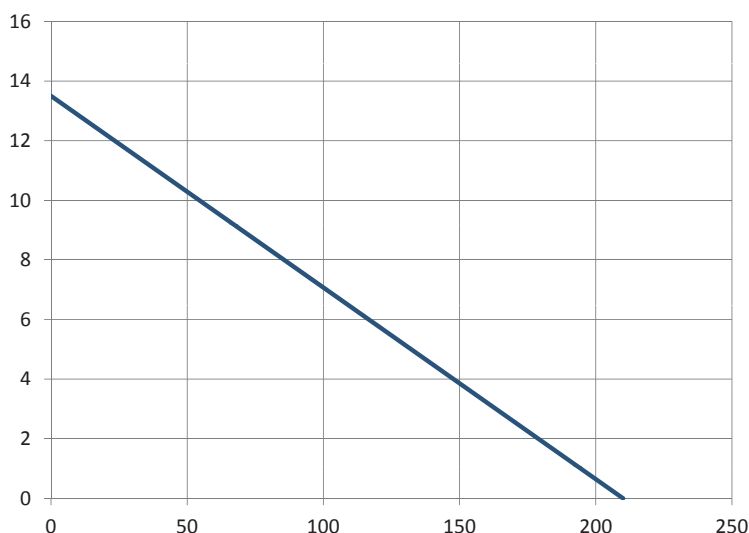


Diagramma di carico statico valido per sforzi compressivi
Static load charts valid for compressive loads



Carico sospeso: occorre verifica specifica della bulloneria
Suspended load: specific bolts calculation required

Momento ribaltante equivalente [KNm]
Equivalent tilting moment [KNm]



Fa
Carico assiale equivalente [KN]
Equivalent axial load [KN]

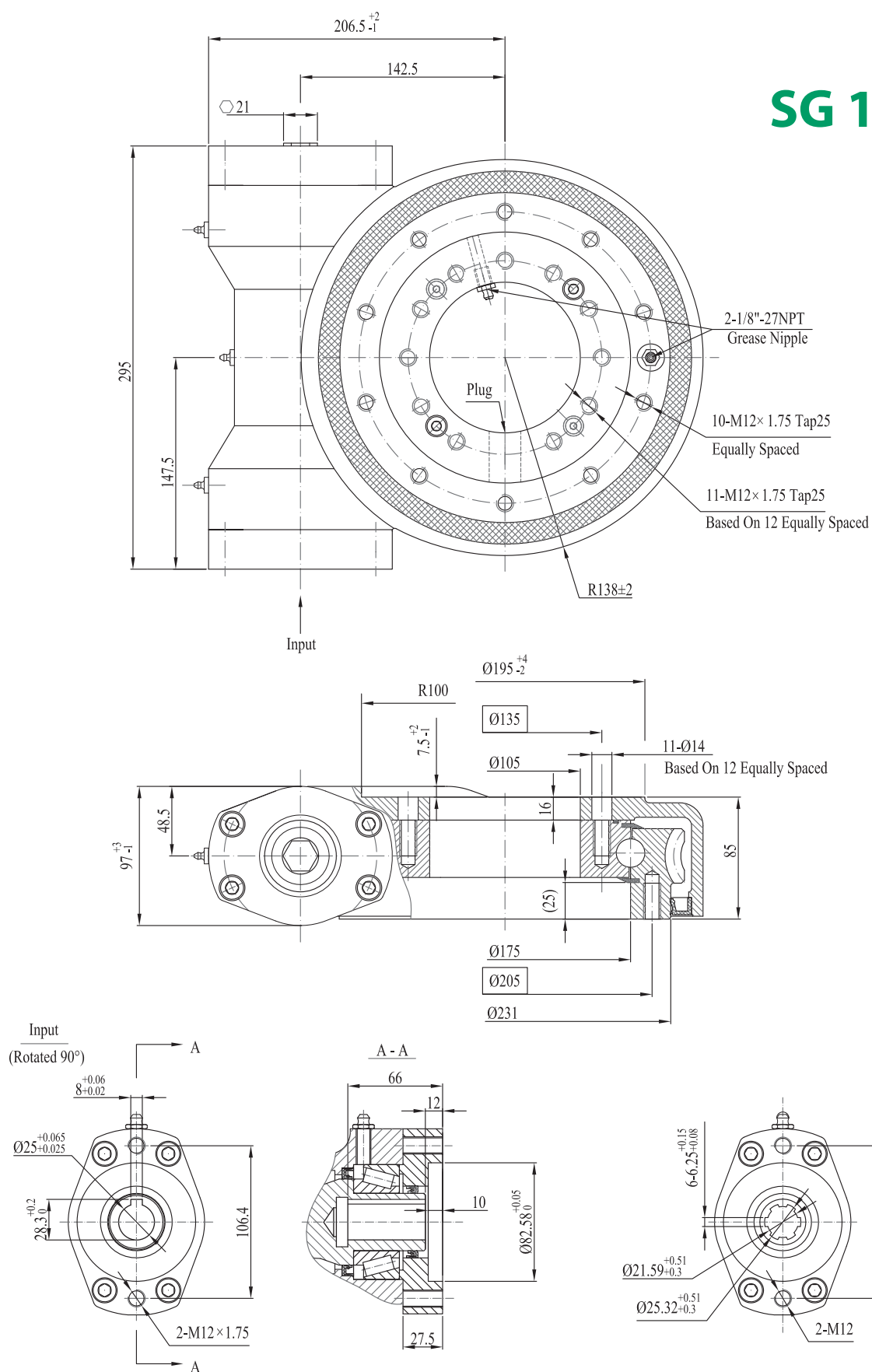
Richiedere sempre una verifica tecnica a ISB bearings.
Always ask for a technical verification to ISB bearings.

Esempio di designazione completa valida per serie SG / Designation example valid for SG series

1 2
SG 175 - 25

1 codice tavola girevole / slewing gears code
2 Tipo albero di ingresso / input shaft type

SG 175



Ø12 Ø14 Ø16 Ø10 Ø25

■ normal

6B SPLINE

SG 222

TAVOLA GIREVOLE CON VITE SENZA FINE

SLEWING GEARS WITH WORM DRIVE



Massima Coppia sulla tavola Max Output Torque	Massimo Momento ribaltante Max Tilting Moment	Coppia di irreversibilità Holding Torque	Carico statico / Static Rating		Carico dinamico / Dynamic Rating		Rapporto di riduzione vite senza fine Ratio of Worm Gear	Precisione sul posizionamento Tracking precision	Peso Weight
			Assiale / Axial Coa	Radiale / Radial Cor	Assiale / Axial Ca	Radiale / Radial Cr			
[KNm]	[KNm]	[KNm]	[KN]	[KN]	[KN]	[KN]	[-]	[°]	[kg]
8	33,9	38,7	550	205	130	110	62:1	≤ 0.15 °	53

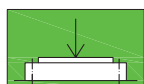
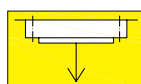
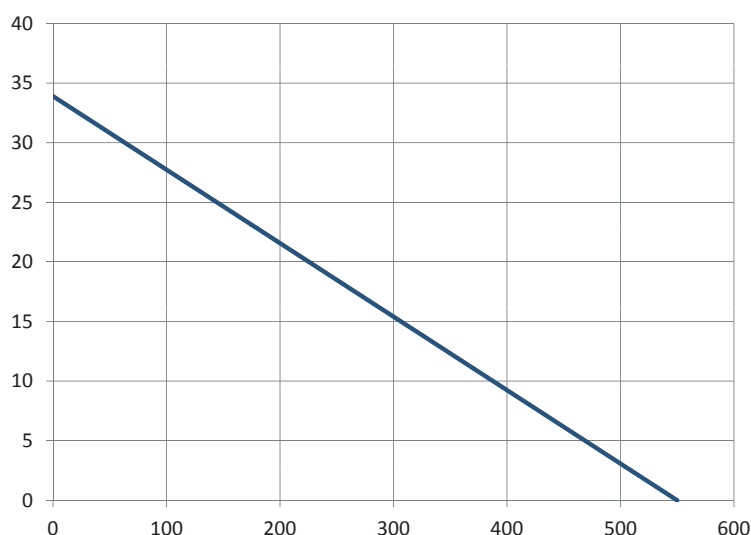


Diagramma di carico statico valido per sforzi compressivi
Static load charts valid for compressive loads



Carico sospeso: occorre verifica specifica della bulloneria
Suspended load: specific bolts calculation required

Momento ribaltante equivalente [KNm]
Equivalent tilting moment [KNm]



Fa
Carico assiale equivalente [KN]
Equivalent axial load [KN]

Richiedere sempre una verifica tecnica a ISB bearings.
Always ask for a technical verification to ISB bearings.

Esempio di designazione completa valida per serie SG / Designation example valid for SG series

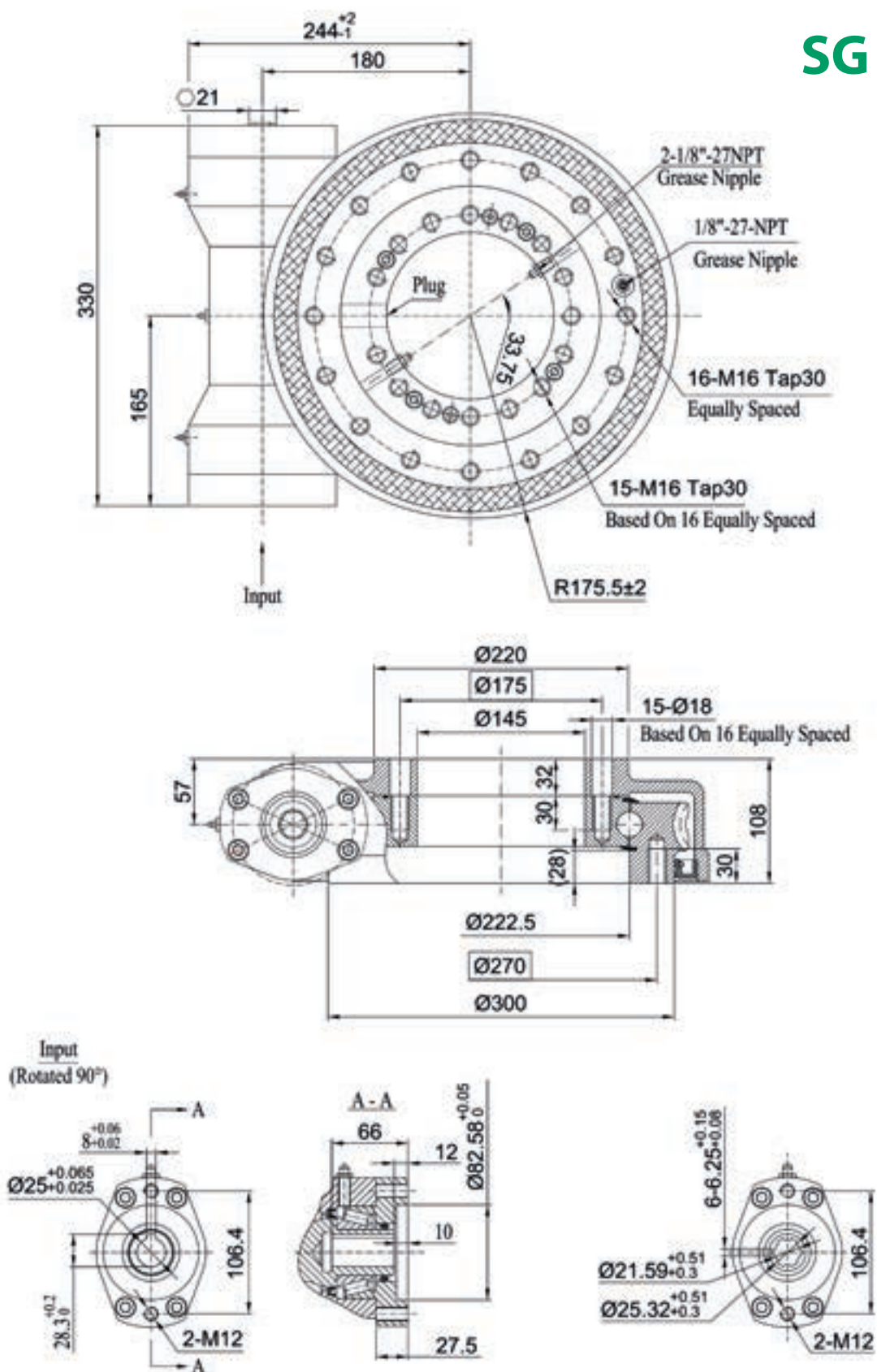
1

2

SG 222 - 25

1 codice tavola girevole / slewing gears code
2 Tipo albero di ingresso / input shaft type

SG 222



Ø12 Ø14 Ø16 Ø10 Ø25

■ normal

6B SPLINE

SG 310

TAVOLA GIREVOLE CON VITE SENZA FINE

SLEWING GEARS WITH WORM DRIVE



Massima Coppia sulla tavola Max Output Torque	Massimo Momento ribaltante Max Tilting Moment	Coppia di irreversibilità Holding Torque	Carico statico / Static Rating		Carico dinamico / Dynamic Rating		Rapporto di riduzione vite senza fine Ratio of Worm Gear	Precisione sul posizionamento Tracking precision	Peso Weight
			Assiale / Axial Coa	Radiale / Radial Cor	Assiale / Axial Ca	Radiale / Radial Cr			
[KNm]	[KNm]	[KNm]	[KN]	[KN]	[KN]	[KN]	[-]	[°]	[kg]
9,5	54,3	43	725	270	180	140	79:1	≤ 0.15 °	66,8

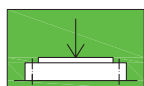
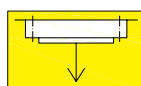
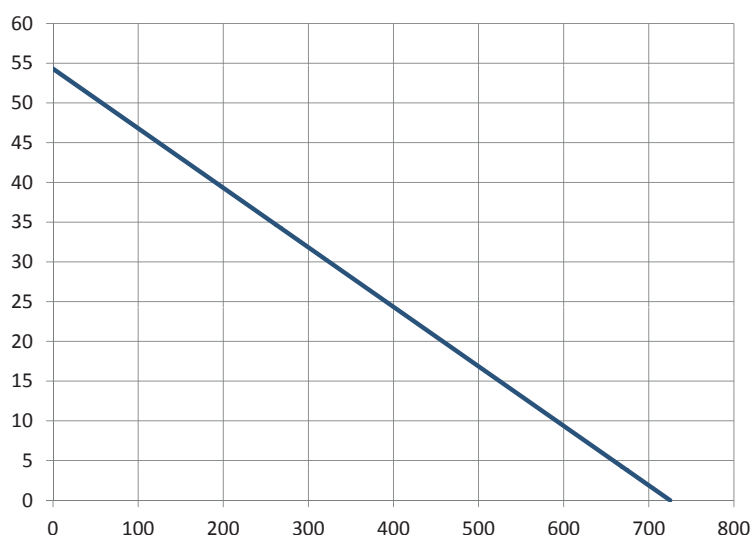


Diagramma di carico statico valido per sforzi compressivi
Static load charts valid for compressive loads



Carico sospeso: occorre verifica specifica della bulloneria
Suspended load: specific bolts calculation required

Momento ribaltante equivalente [KNm]
Equivalent tilting moment [KNm]



Fa
Carico assiale equivalente [KN]
Equivalent axial load [KN]

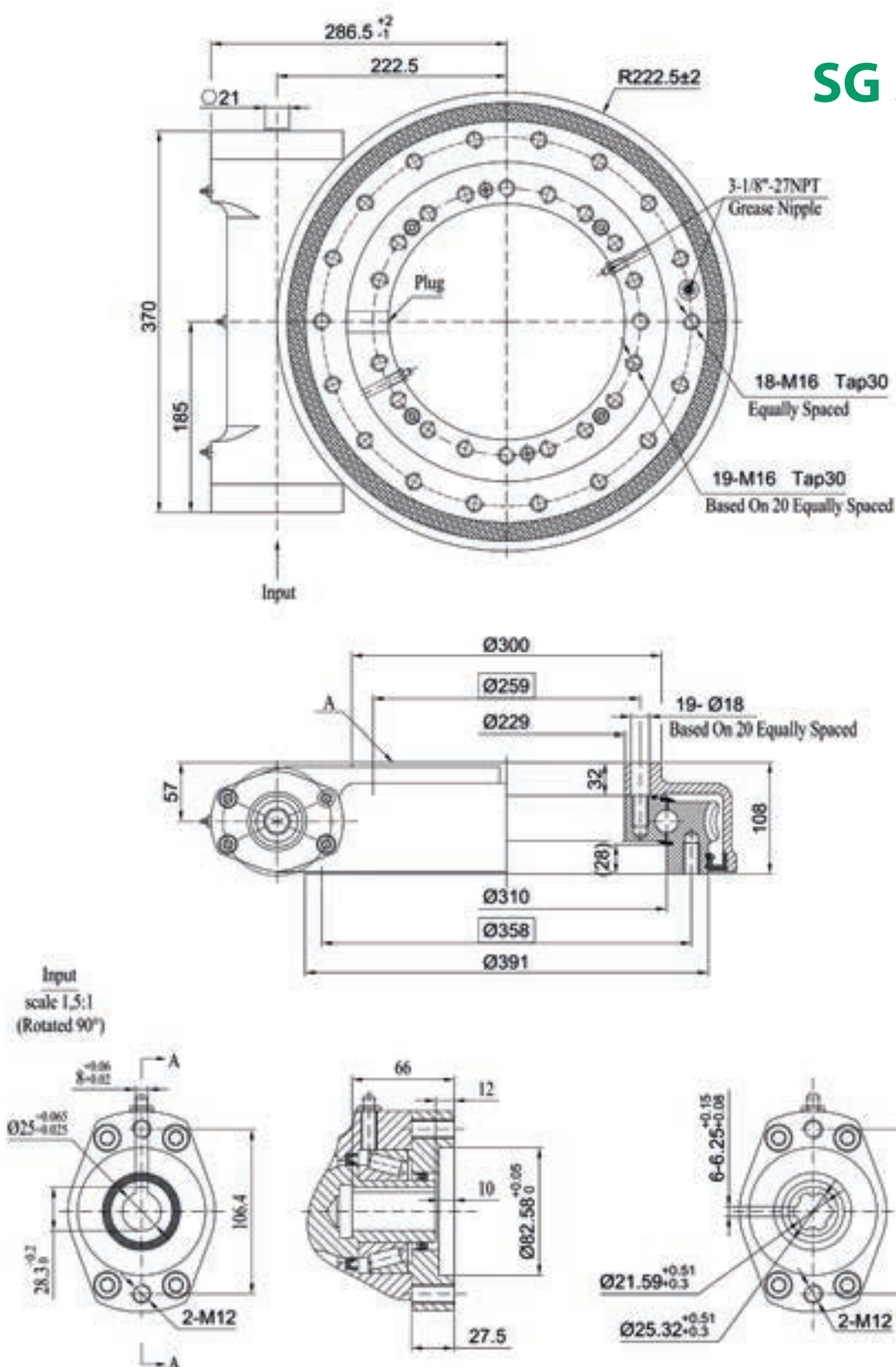
Richiedere sempre una verifica tecnica a ISB bearings.
Always ask for a technical verification to ISB bearings.

Esempio di designazione completa valida per serie SG / Designation example valid for SG series

1 2
SG 310 - 25

1 codice tavola girevole / slewing gears code
2 Tipo albero di ingresso / input shaft type

SG 310



Ø12 Ø14 Ø16 Ø10 Ø25

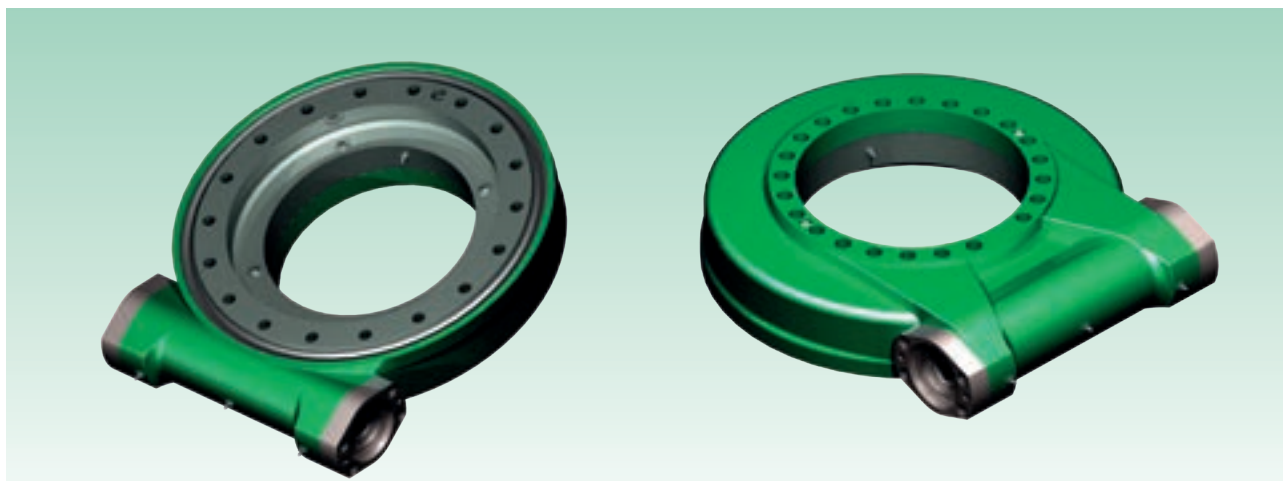
■ normal

6B SPLINE

SG 342

TAVOLA GIREVOLE CON VITE SENZA FINE

SLEWING GEARS WITH WORM DRIVE



Massima Coppia sulla tavola Max Output Torque	Massimo Momento ribaltante Max Tilting Moment	Coppia di irreversibilità Holding Torque	Carico statico / Static Rating		Carico dinamico / Dynamic Rating		Rapporto di riduzione vite senza fine Ratio of Worm Gear	Precisione sul posizionamento Tracking precision	Peso Weight
			Assiale / Axial Coa	Radiale / Radial Cor	Assiale / Axial Ca	Radiale / Radial Cr			
[KNm]	[KNm]	[KNm]	[KN]	[KN]	[KN]	[KN]	[-]	[°]	[kg]
10,8	67,8	48	920	343	220	190	86:1	≤ 0.13 °	75

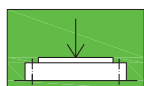
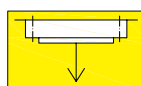
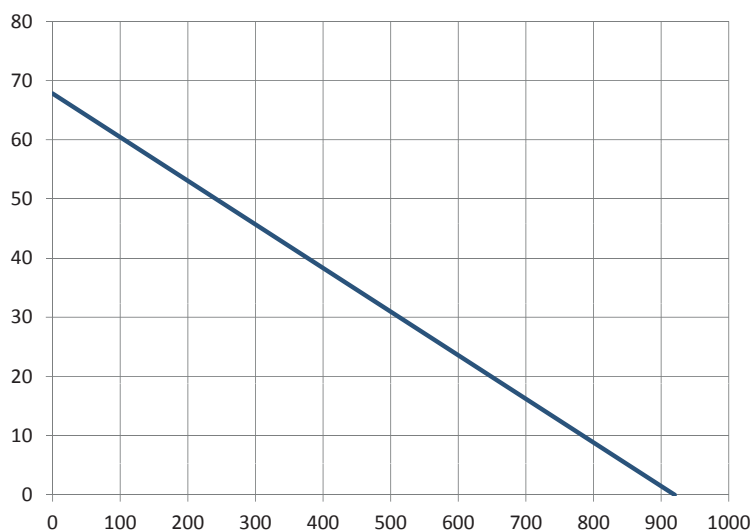


Diagramma di carico statico valido per sforzi compressivi
Static load charts valid for compressive loads



Carico sospeso: occorre verifica specifica della bulloneria
Suspended load: specific bolts calculation required

Momento ribaltante equivalente [KNm]
Equivalent tilting moment [KNm]



Fa
Carico assiale equivalente [KN]
Equivalent axial load [KN]

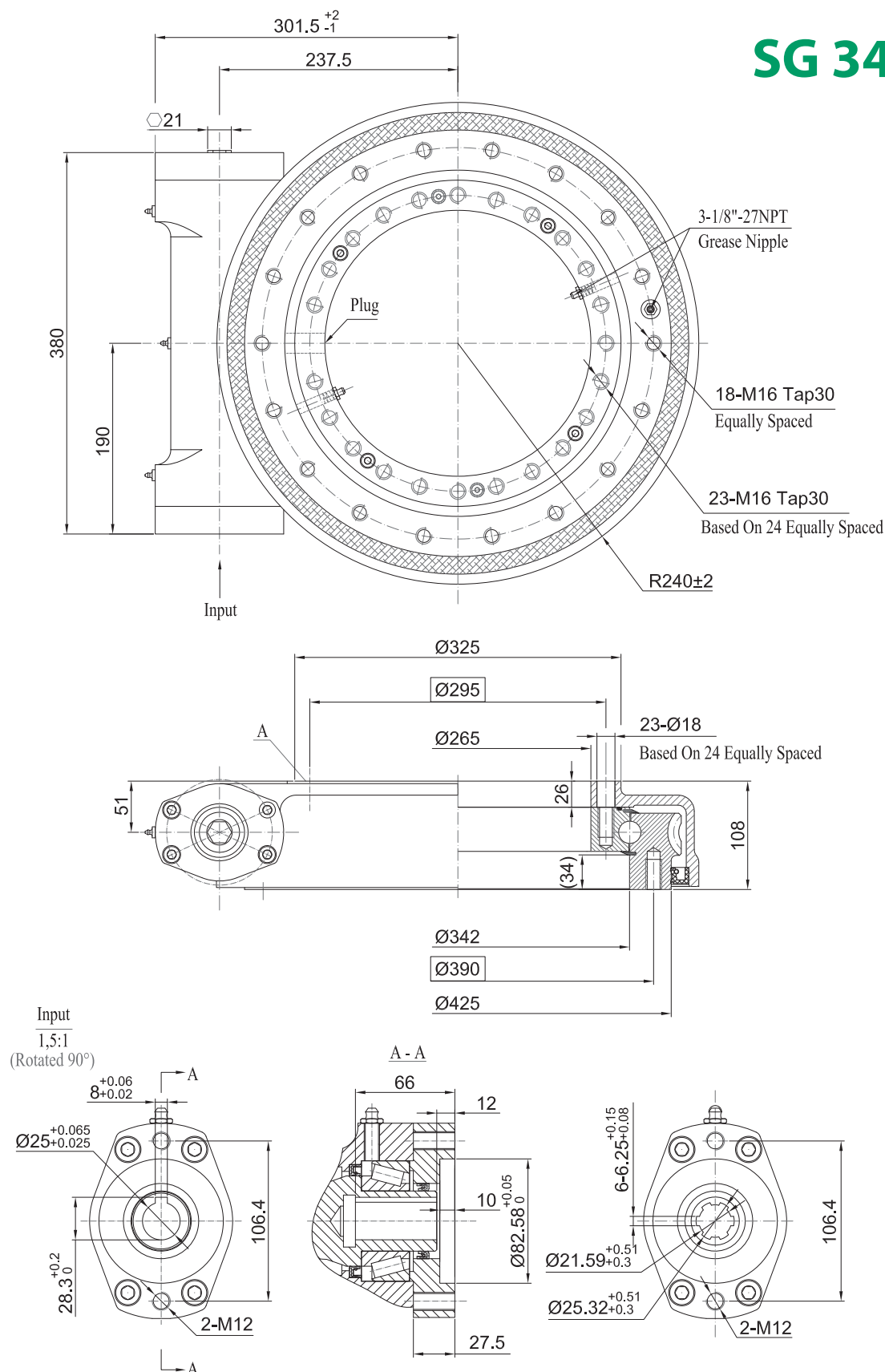
Richiedere sempre una verifica tecnica a ISB bearings.
Always ask for a technical verification to ISB bearings.

Esempio di designazione completa valida per serie SG / Designation example valid for SG series

1 2
SG 342 - 25

1 codice tavola girevole / slewing gears code
2 Tipo albero di ingresso / input shaft type

SG 342



Ø12 Ø14 Ø16 Ø10 Ø25

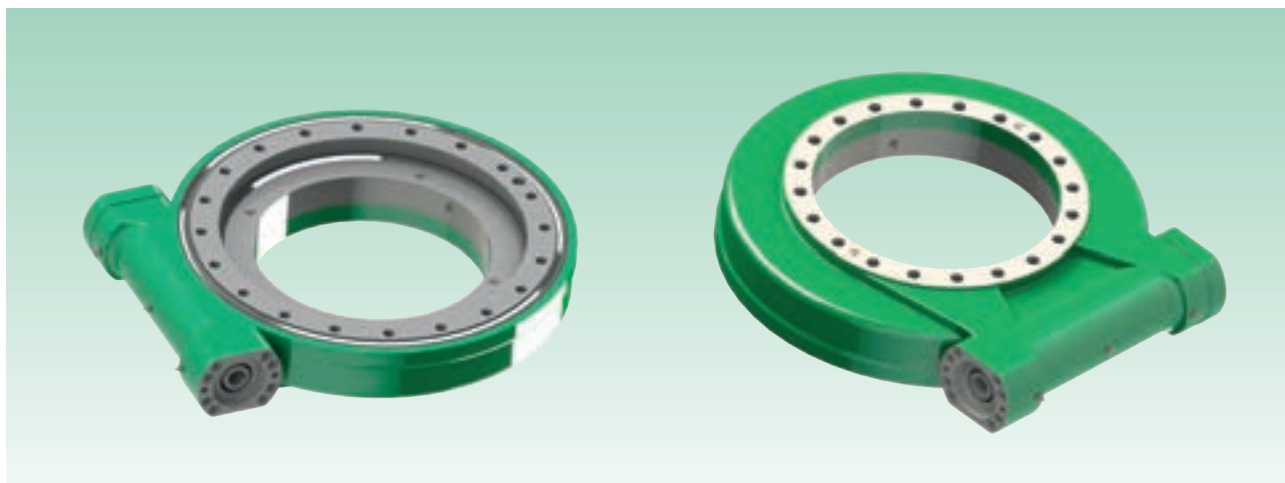
■ normal

6B SPLINE

SG 430

TAVOLA GIREVOLE CON VITE SENZA FINE

SLEWING GEARS WITH WORM DRIVE



Massima Coppia sulla tavola Max Output Torque	Massimo Momento ribaltante Max Tilting Moment	Coppia di irreversibilità Holding Torque	Carico statico / Static Rating		Carico dinamico / Dynamic Rating		Rapporto di riduzione vite senza fine Ratio of Worm Gear	Precisione sul posizionamento Tracking precision	Peso Weight
			Assiale / Axial Coa	Radiale / Radial Cor	Assiale / Axial Ca	Radiale / Radial Cr			
[KNm]	[KNm]	[KNm]	[KN]	[KN]	[KN]	[KN]	[-]	[°]	[kg]
12,96	135,6	72,3	1110	414	266	220	104:1	≤ 0.1 °	96

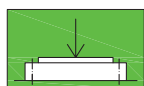
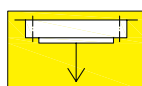
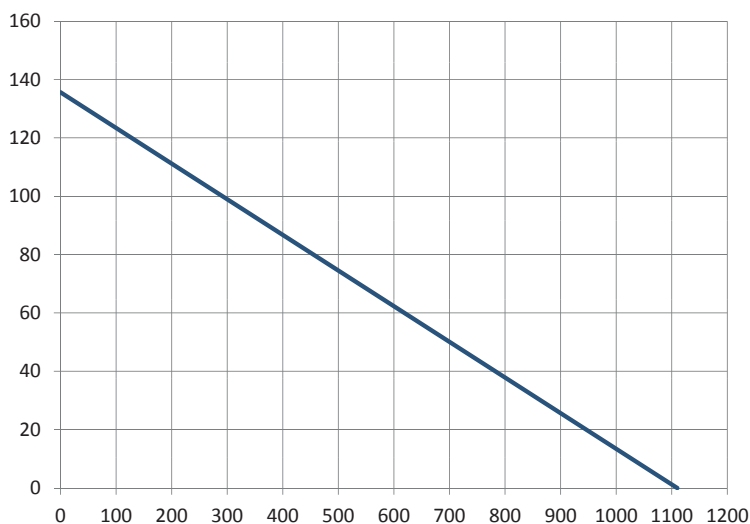


Diagramma di carico statico valido per sforzi compressivi
Static load charts valid for compressive loads



Carico sospeso: occorre verifica specifica della bulloneria
Suspended load: specific bolts calculation required

Momento ribaltante equivalente [KNm]
Equivalent tilting moment [KNm]



Fa
Carico assiale equivalente [KN]
Equivalent axial load [KN]

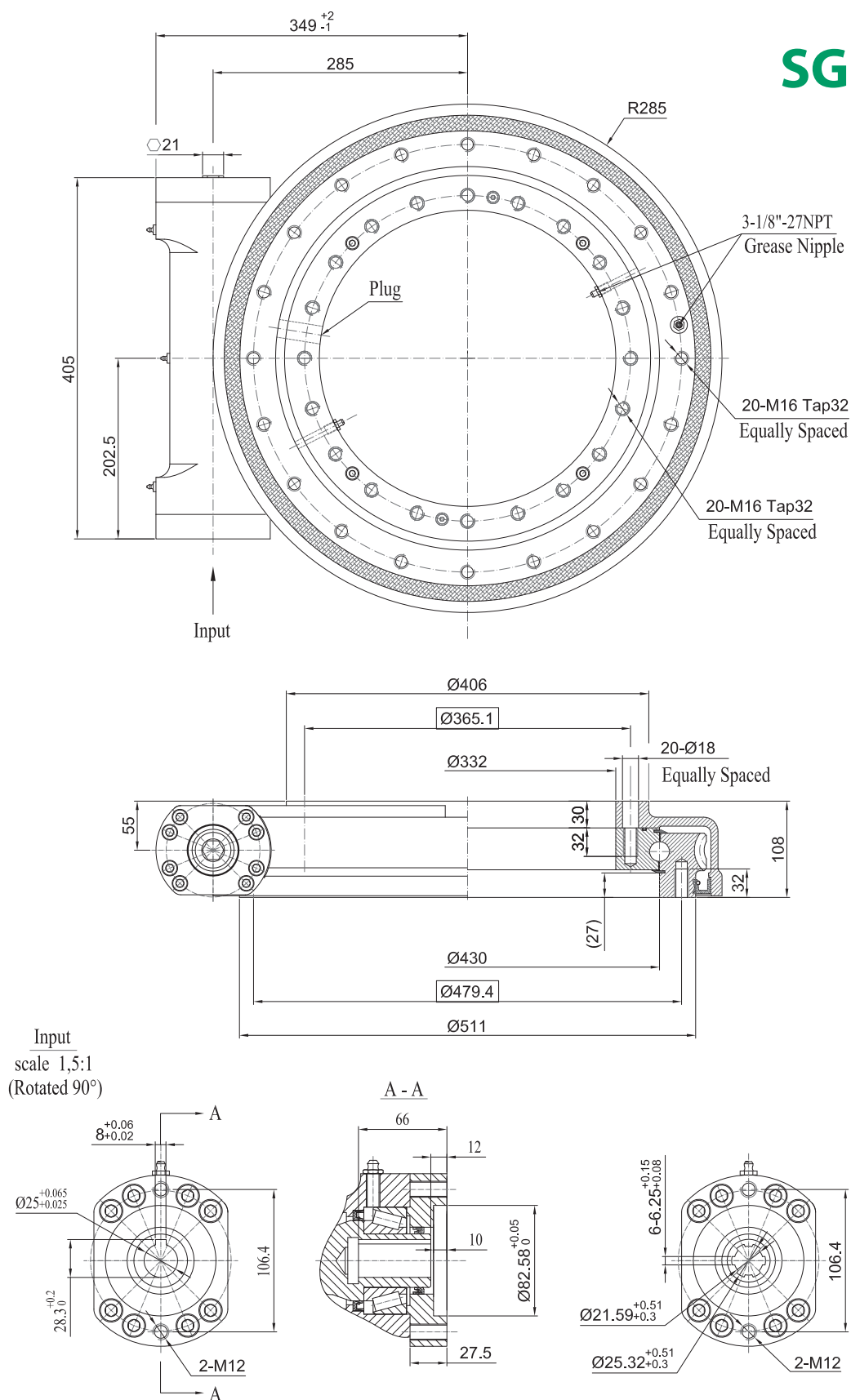
Richiedere sempre una verifica tecnica a ISB bearings.
Always ask for a technical verification to ISB bearings.

Esempio di designazione completa valida per serie SG / Designation example valid for SG series

1 2
SG 430 - 25

1 codice tavola girevole / slewing gears code
2 Tipo albero di ingresso / input shaft type

SG 430



Ø12 Ø14 Ø16 Ø10 Ø25

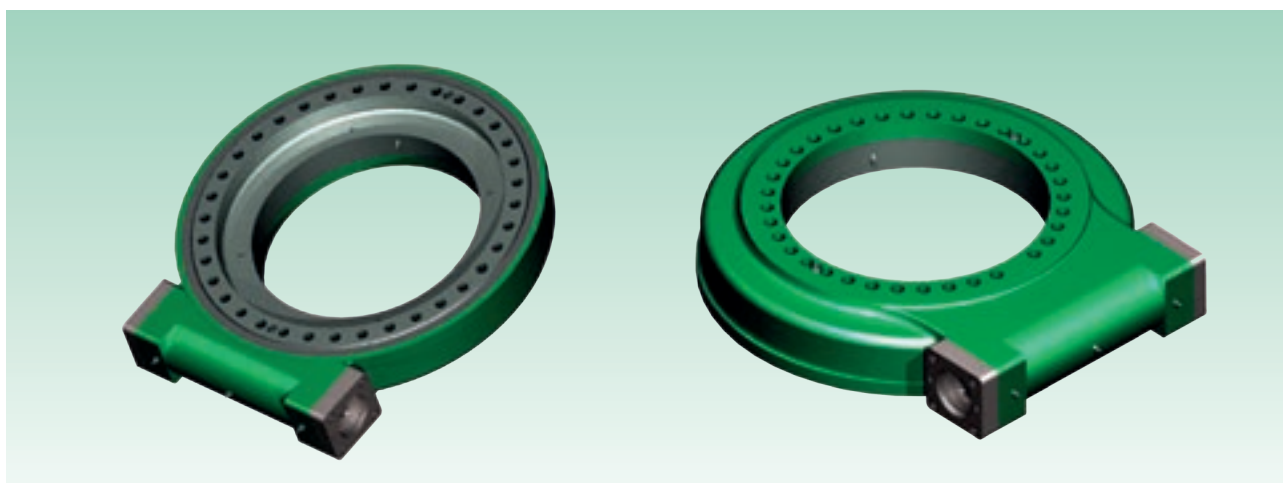
■ normal

6B SPLINE

SG 540

TAVOLA GIREVOLE CON VITE SENZA FINE

SLEWING GEARS WITH WORM DRIVE



Massima Coppia sulla tavola Max Output Torque	Massimo Momento ribaltante Max Tilting Moment	Coppia di irreversibilità Holding Torque	Carico statico / Static Rating		Carico dinamico / Dynamic Rating		Rapporto di riduzione vite senza fine Ratio of Worm Gear	Precisione sul posizionamento Tracking precision	Peso Weight
			Assiale / Axial Coa	Radiale / Radial Cor	Assiale / Axial Ca	Radiale / Radial Cr			
[KNm]	[KNm]	[KNm]	[KN]	[KN]	[KN]	[KN]	[-]	[°]	[kg]
28,7	203	105.8	1598	596	340	270	90:1	≤ 0.1°	172

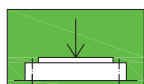
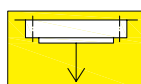
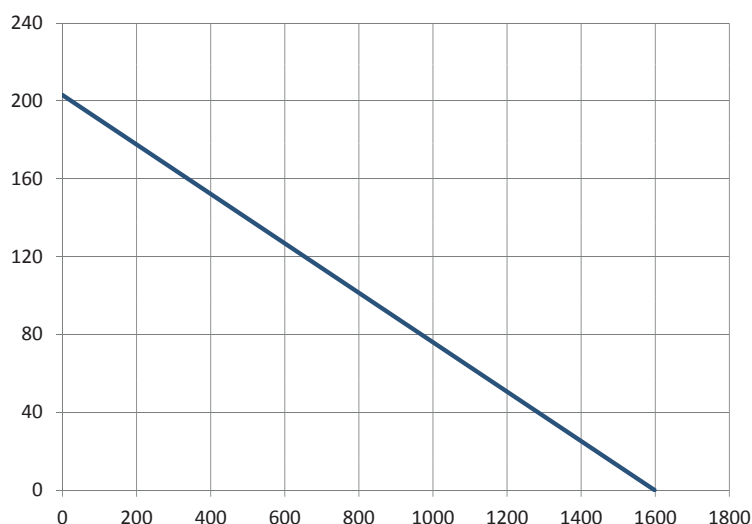


Diagramma di carico statico valido per sforzi compressivi
Static load charts valid for compressive loads



Carico sospeso: occorre verifica specifica della bulloneria
Suspended load: specific bolts calculation required

Momento ribaltante equivalente [KNm]
Equivalent tilting moment [KNm]



Fa
Carico assiale equivalente [KN]
Equivalent axial load [KN]

Richiedere sempre una verifica tecnica a ISB bearings.
Always ask for a technical verification to ISB bearings.

Esempio di designazione completa valida per serie SG / Designation example valid for SG series

1

2

SG 540 - 25

1 codice tavola girevole / slewing gears code
2 Tipo albero di ingresso / input shaft type

Technical drawing of a circular component, likely a grease nipple or plug, showing dimensions and labels.

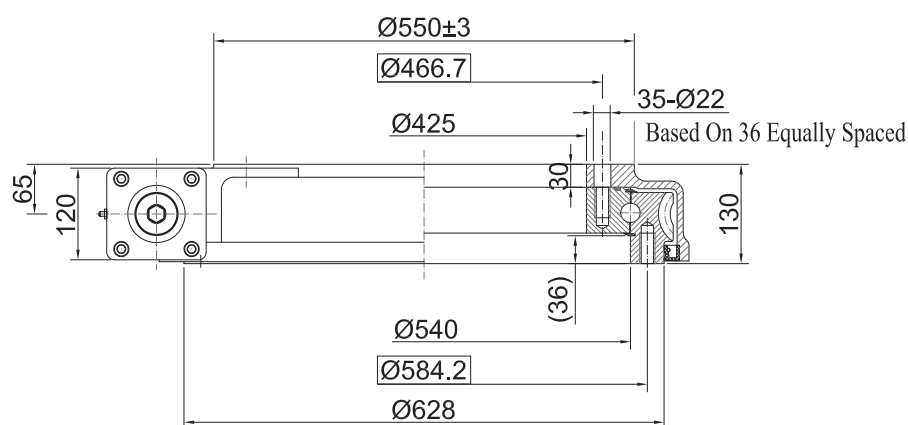
Dimensions:

- Overall diameter: 415^{+2}_{-1}
- Inner diameter: 350
- Outer diameter of the plug: 21
- Height of the plug: 482.5
- Height of the main body: 245
- Radius: $R346.5 \pm 3$

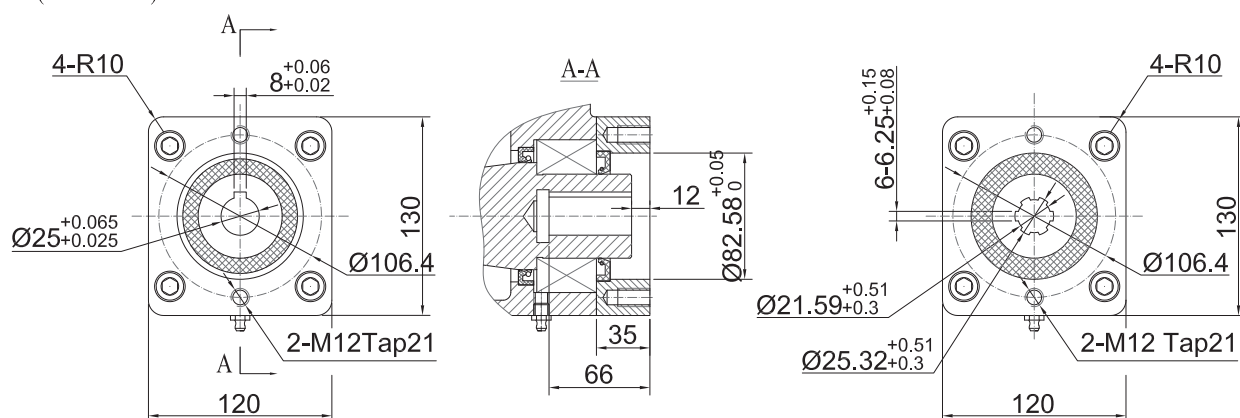
Labels:

- Plug
- 2-1/8"-27NPT Grease Nipple
- 2-1/8"-27NPT Grease Nipple
- 36- M20 Tap 40 Equally Spaced
- 35-M20 Tap40 Based On 36 Equally Spaced
- Input

SG



Input
scale 2 : 1
(Rotated 90°)



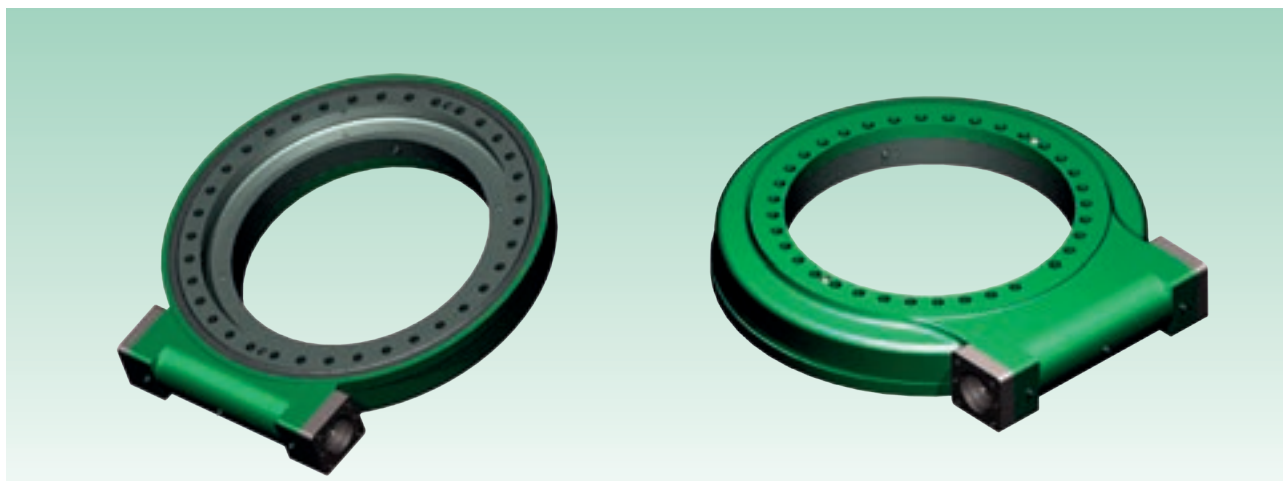
■ normal

6B SPLINE

SG 630

TAVOLA GIREVOLE CON VITE SENZA FINE

SLEWING GEARS WITH WORM DRIVE



Massima Coppia sulla tavola Max Output Torque	Massimo Momento ribaltante Max Tilting Moment	Coppia di irreversibilità Holding Torque	Carico statico / Static Rating		Carico dinamico / Dynamic Rating		Rapporto di riduzione vite senza fine Ratio of Worm Gear	Precisione sul posizionamento Tracking precision	Peso Weight
			Assiale / Axial Coa	Radiale / Radial Cor	Assiale / Axial Ca	Radiale / Radial Cr			
[KNm]	[KNm]	[KNm]	[KN]	[KN]	[KN]	[KN]	[-]	[°]	[kg]
34,2	310	158,3	1850	690	440	320	104:1	≤ 0.1°	202

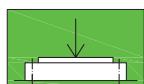
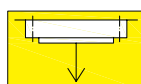
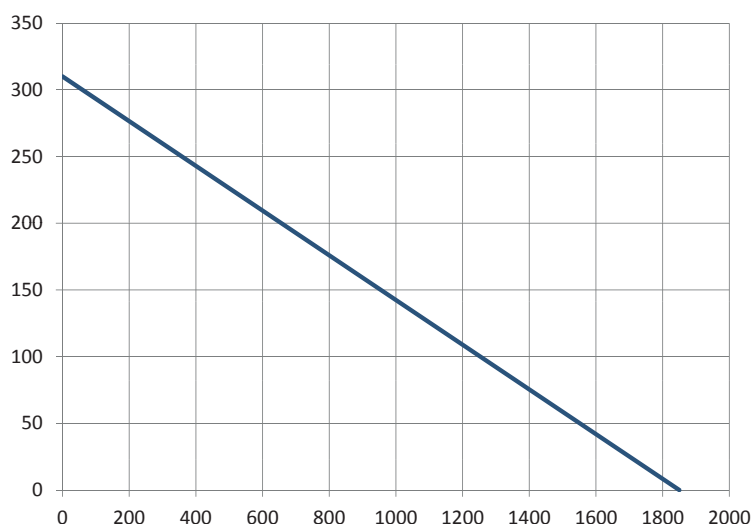


Diagramma di carico statico valido per sforzi compressivi
Static load charts valid for compressive loads



Carico sospeso: occorre verifica specifica della bulloneria
Suspended load: specific bolts calculation required

Momento ribaltante equivalente [KNm]
Equivalent tilting moment [KNm]



Fa
Carico assiale equivalente [KN]
Equivalent axial load [KN]

Richiedere sempre una verifica tecnica a ISB bearings.
Always ask for a technical verification to ISB bearings.

Esempio di designazione completa valida per serie SG / Designation example valid for SG series

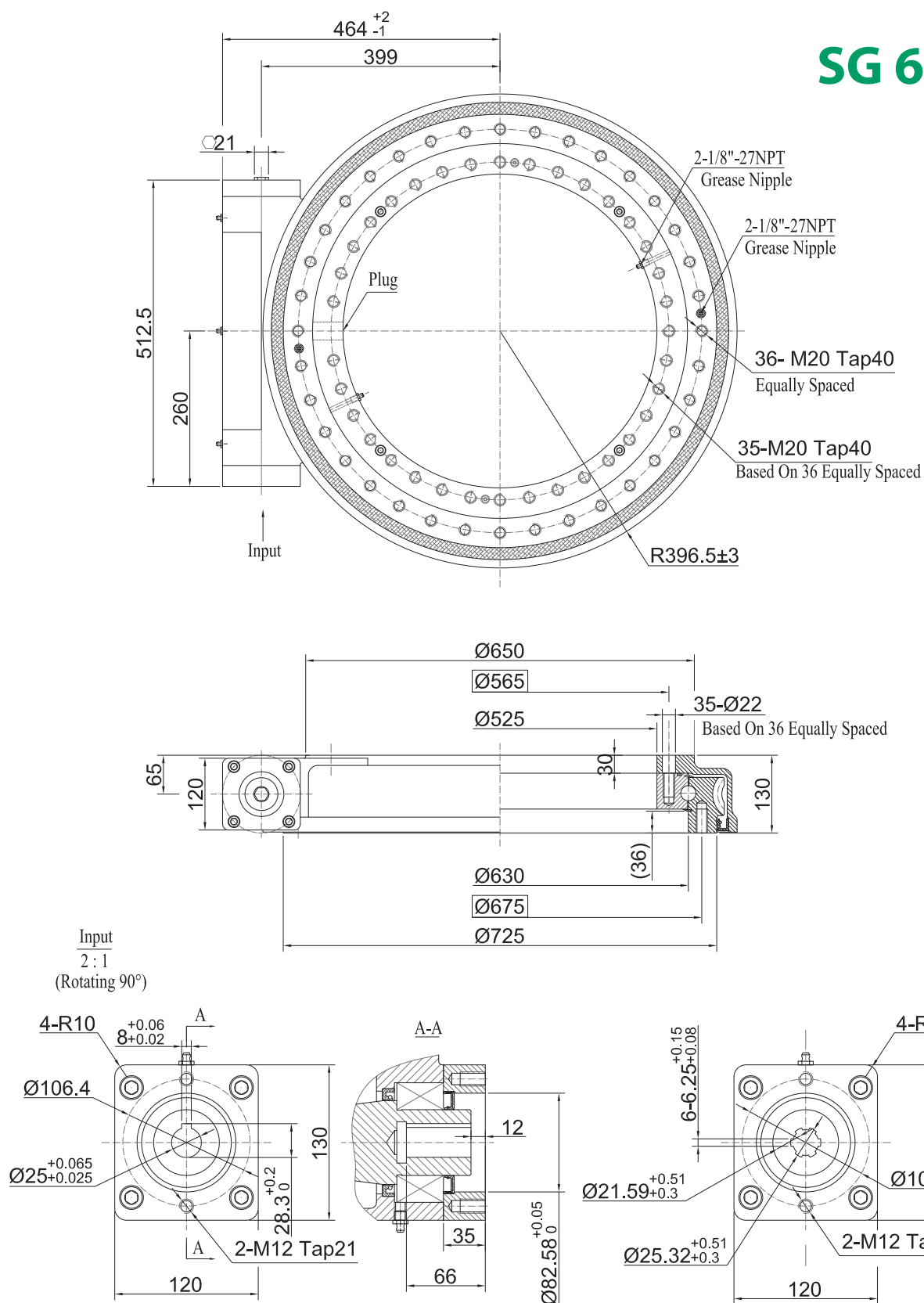
1

2

SG 630 - 25

1 codice tavola girevole / slewing gears code
2 Tipo albero di ingresso / input shaft type

SG 630



Ø12 Ø14 Ø16 Ø10 Ø25

■ normal

6B SPLINE