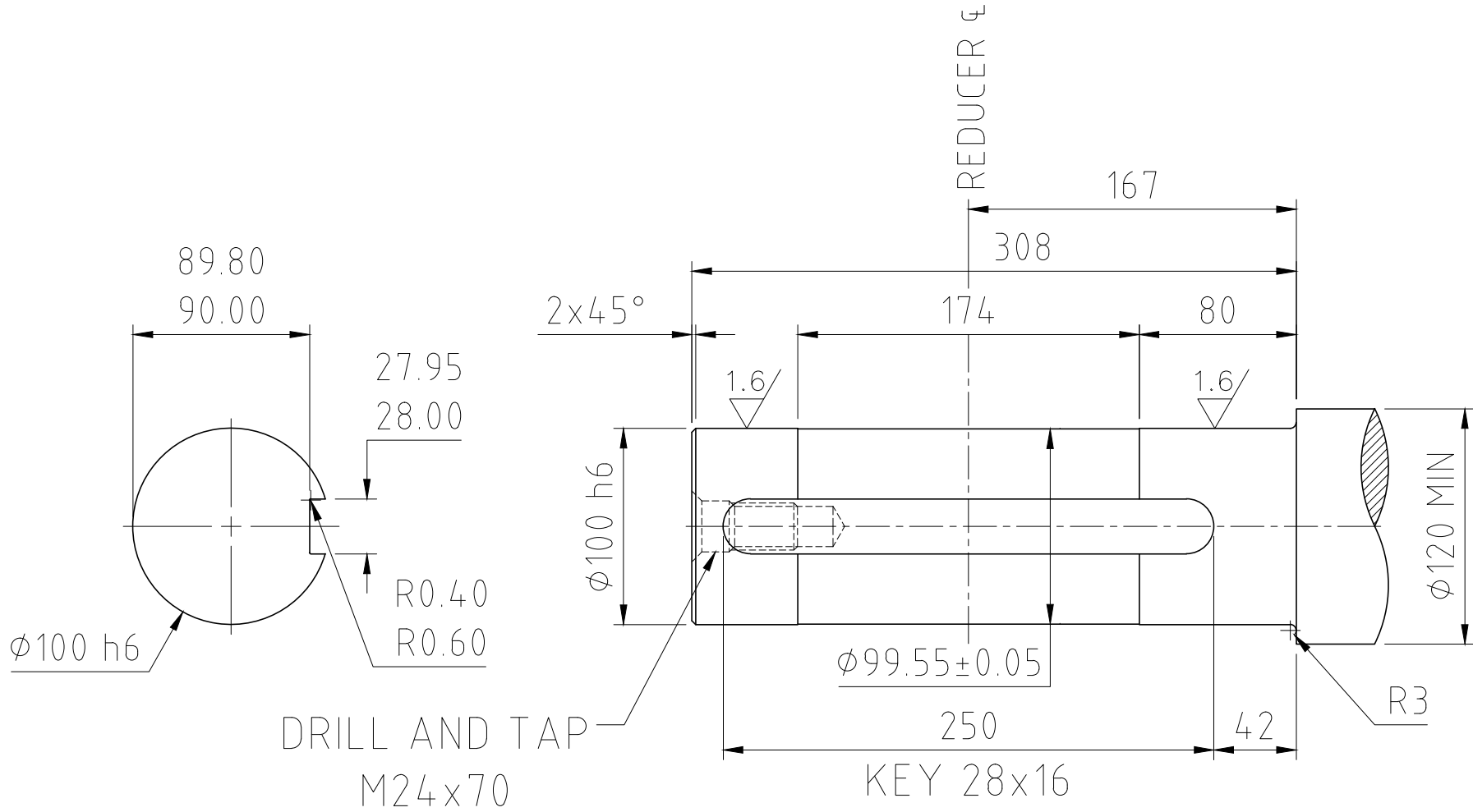




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INFORMATION ONLY		REV	DATE	DRN	APPR.	REFERENCE DRAWINGS
REVISIONS		REV	DATE	DRN	APPR.	REFERENCE DRAWINGS
		A	13/12/17	N.E.R		

SCALE	NONE
DRAWN	N.E.R 13/12/17
CHECKED	
DESIGNED	
APPROVED	
ISSUED	



ROSSI GEARMOTORS
AUSTRALIA PTY LTD PERTH
ACN 080 008 546
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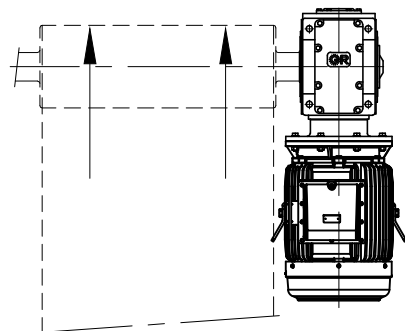
ROSSI GEARMOTORS AUSTRALIA Pty Ltd
G-200 KEYED SHAFT
DRIVEN SHAFT DRAWING

DRAWING NUMBER	J1352-01
THIRD ANGLE PROJECTION	
REVISION	A
	A1

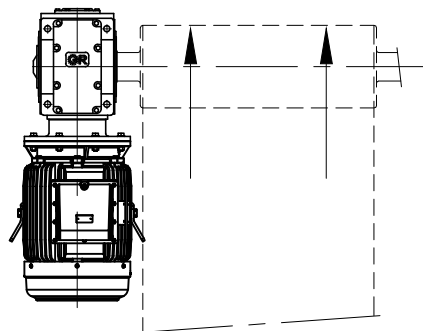
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IF IN DOUBT, ASK!

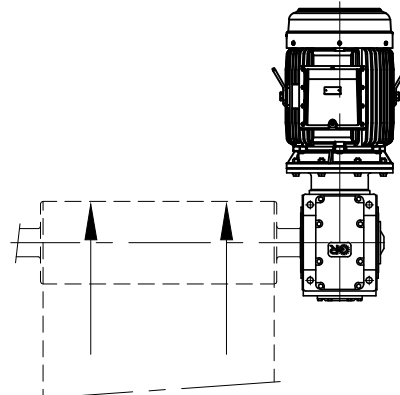
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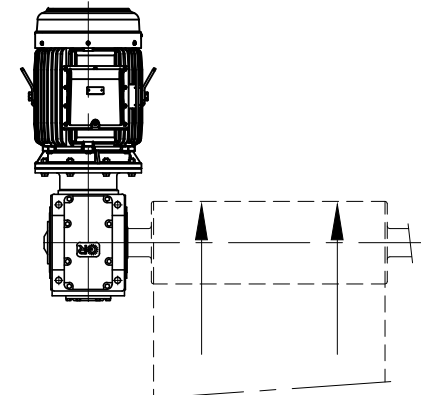
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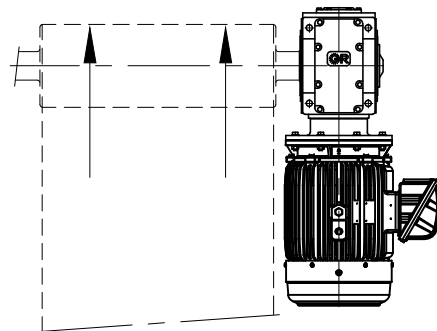
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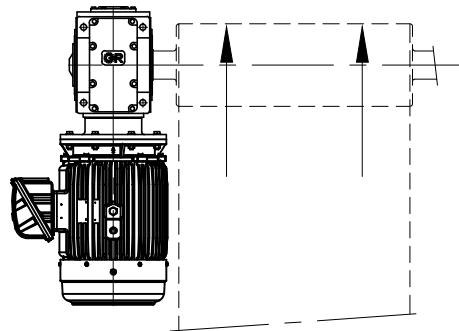
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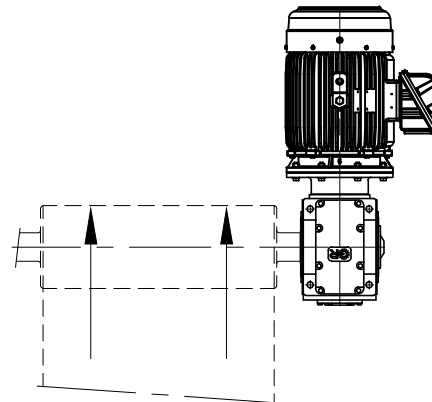
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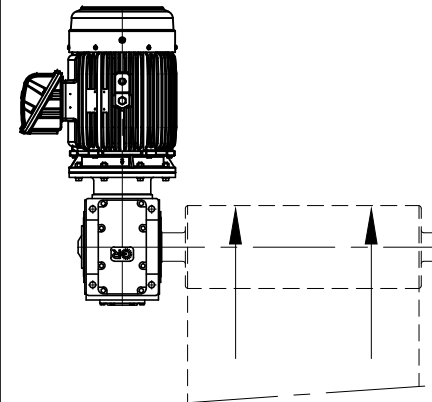
F



G



H



OPTIONS ADDED
INFORMATION ONLY

B 26/07/16 N.E.R.
A 09/06/16 N.E.R.

REVISIONS

REV DATE DRN APPR.

REFERENCE DRAWINGS

SCALE NONE
DRAWN N.E.R. 09/06/16
CHECKED
DESIGNED
APPROVED
ISSUED



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DRIVE HANDING SELECTION
REFERENCE DRAWING

DRAWING NUMBER
J1107-01



THIRD ANGLE PROJECTION

REVISION B A1

Application data

Catalogue		Helical and bevel gear
Shaft arrangement		Bevel helical
Area of use		Global (50 Hz)
Input power	[kW]	45.00
Motor type		HB - Standard asynchronous three-phase motor
Output speed	[min ⁻¹]	55.10 - 60.90

Designation: MR C2I 200 UO2A - 60x450 - 25.6
Mounting position B3
HB3 225M 4 400-50 B5

Gearmotor accessories

Backstop device free rotation black arrow (DA2)
Hollow low speed shaft washer (R)
Reaction bolt using disc springs (B1)

Bevel helical gearmotor catalog G technical data

Transmission ratio i		25.60
Output speed n_2	[min ⁻¹]	57.62
Input speed n_1	[min ⁻¹]	1,475
Input power P_1	[kW]	45.00
Output torque M_2	[N m]	7,003
Service factor f_s		1.83
Efficiency		0.94
Mass of gearmotor (without motor)	[kg]	337.00
Moment of inertia J_1	[kg m ²]	0.0125
Approximate lubricant quantity	[l]	25.00
ISO viscosity grade (ambient temp. 10-40 °C)	[cSt]	220
Input coupling dimensions	[Ø D x P]	60x450
Nominal data		
Nominal input power P_{N1}	[kW]	82.16
Nominal output power P_{N2}	[kW]	77.23
Nominal output torque M_{N2}	[N m]	12,800
Maximum output torque M_{2max}	[N m]	20,480
Gearmotor supplied without oil		
Painting: RAL5010 Blue, C3 ISO 12944-2		
Whole mass (gearmotor + motor)	[kg]	583.00

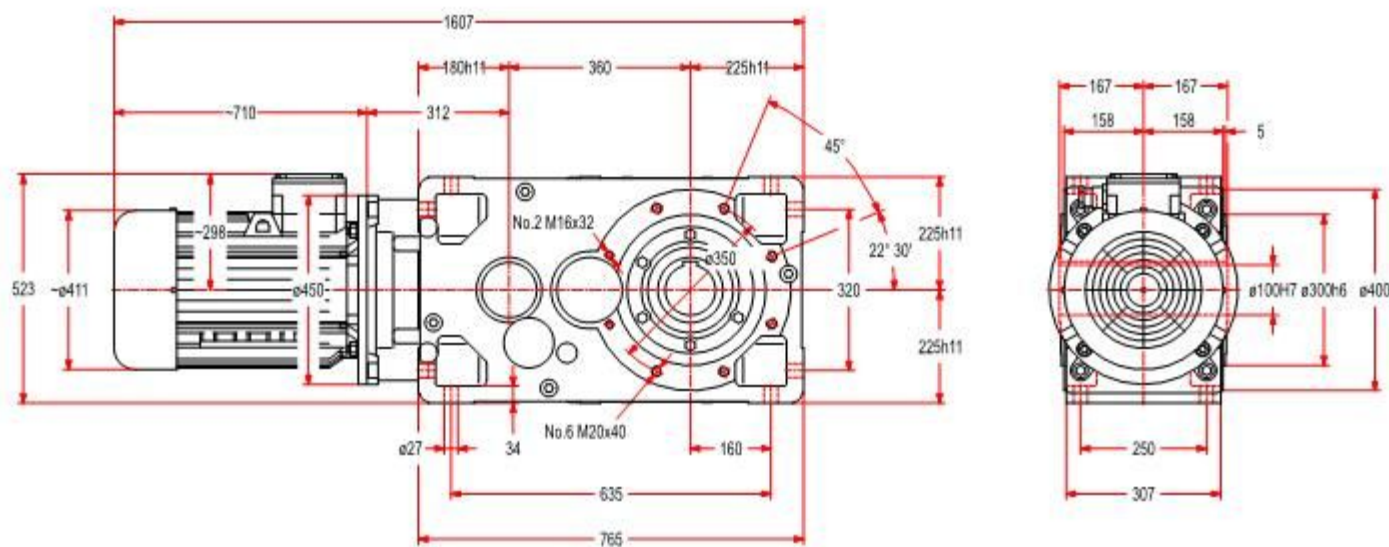
Designation: HB3 225M 4 400-50 B5

Electric motor technical data TX catalog

Type		HB3 225M 4
Coupling dimensions $\varnothing D \times P$		60x450
Power supply	V-Hz	400 - 50
Nominal power P_N	[kW]	45.00
Nominal speed n	[min ⁻¹]	1,475
Motor mass	[kg]	246.00
Directive		ErP
Efficiency class		IE3
Insulation class		F
Temperature rise class		B
Protection grade		IP 55
Duty cycle		S1
Refrigeration method IC STD		IC411
Synchronous speed	[min ⁻¹]	1,500
Power factor $\cos\phi$		0.880
Moment of inertia J_0	[kg m ²]	0.5200
Efficiency		
100 %		94.20
75 %		94.40
50 %		94.00
Nominal data		
Nominal torque M_N	[N m]	291.00
Nominal starting torque M_S		2.00
Maximum torque M_{max}		2.40
Rated current	[A]	78.40
Starting current ratio		6.20

Painting: RAL5010 Blue, C3 ISO 12944-2

Main dimensions [mm] (for accessories, see following pages)

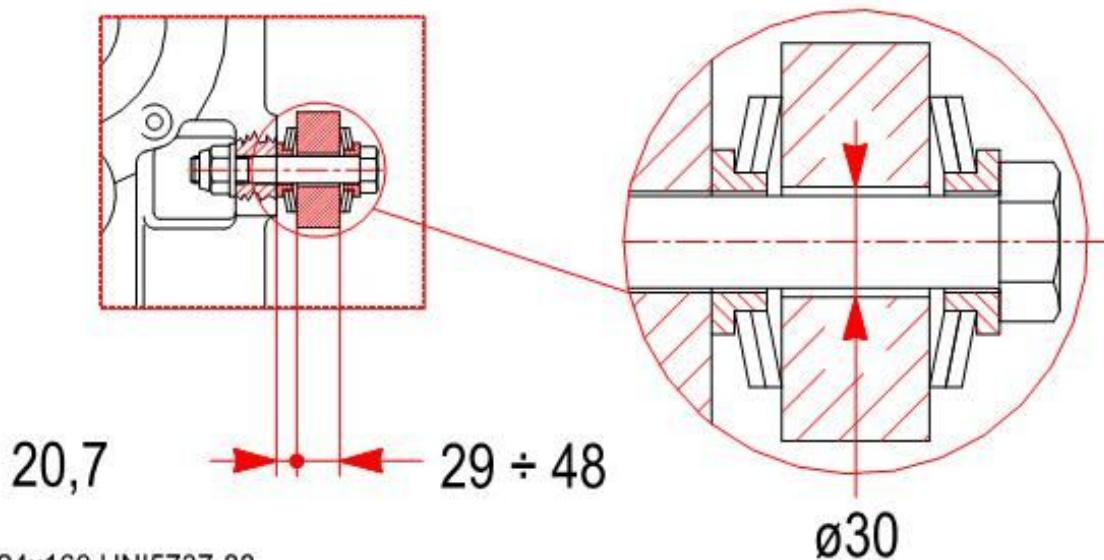


Information

Screws UNI 5737: M 24 x 90

Bolts UNI 5588: M 24

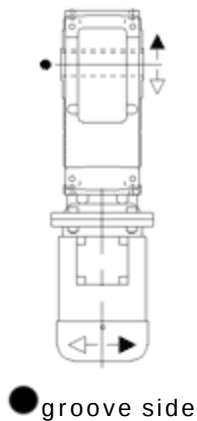
Reaction bolt using disc springs (B1)



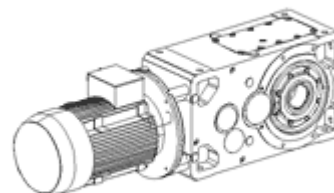
Screw : M 24x160 UNI5737-88

Disc Spring : A80 DIN 2093 n.2

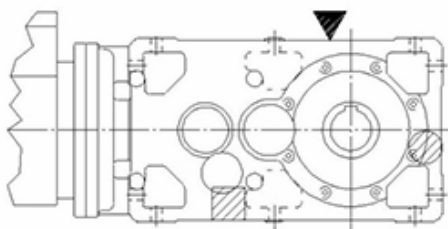
Design: UO2A



Mounting position: B3

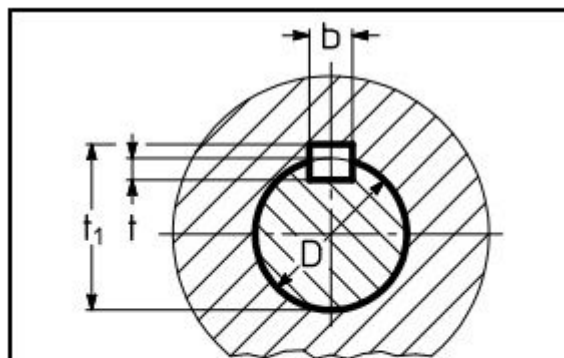


Plugs position (supplied without oil as standard)



- ▼ filler plug
- level plug
- drain plug

Standard low speed shaft



D Ø H7	Parallel key b × h × l*	Keyway		
		b	t	t1
100	28 × 16 × 250	28	10	106.4

* Recommended length

Terminal box position: TB0

