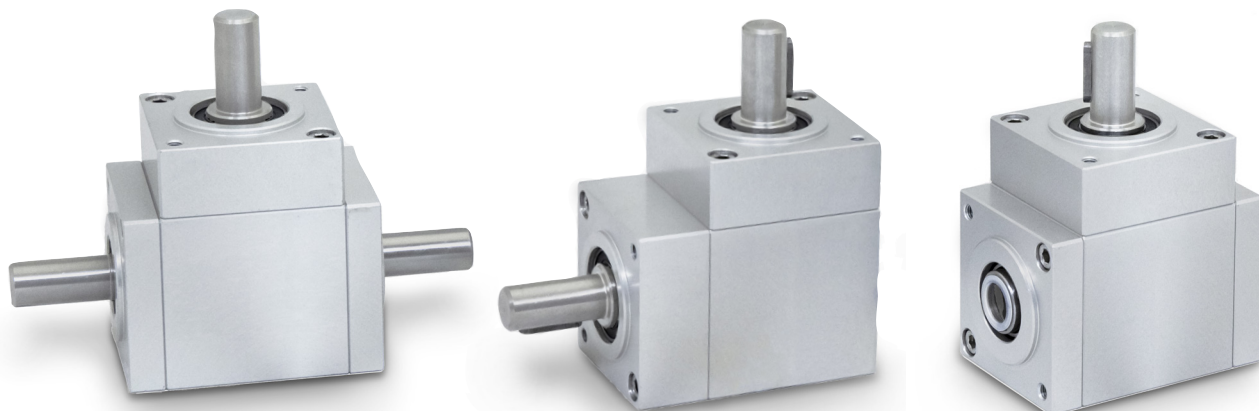




- Available transmission ratios: **1:1** - **1:2** (standard) - **2:1** (available in versions «A» - «B» - «C»); (Tab. 3).
- Ratios **1/2** and **2/1** are only available with spiral gears.
- Aluminium case, anodised; stainless steel shafts (standard).
- Torque **45 Nm**. Radial load **75 kg** - axial load **7,5 kg** (Tab. 4).
- Models (Tab. 1):
 - Version «A» with 2 outputs; weight 330 g.
 - Version «B» with 3 outputs; weight 520 g.
 - Version «C» (opposite rotation) with 3 outputs; weight 535 g.
 - Version «D» with 3 outputs, 2 through hollow shafts; weight 520 g.
- Standard output shafts: **M** = male **Ø14** / **F** = female **Ø14** (Tab. 9).

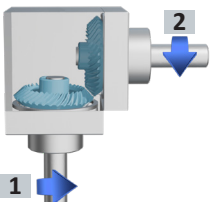
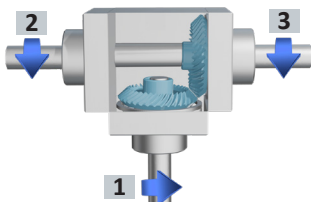
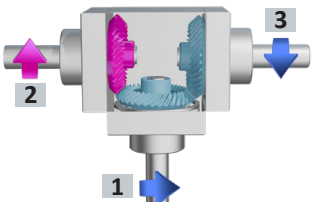
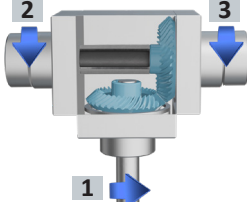
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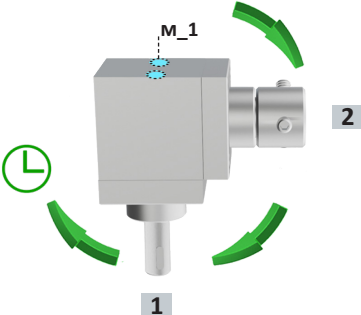
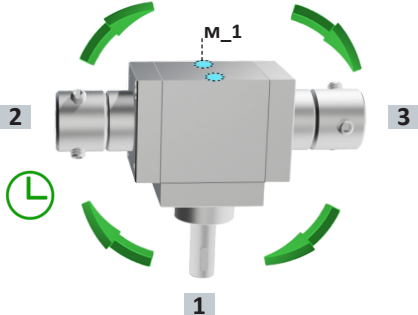
- Case in **stainless steel AISI 303**.
- Models with spiral bevel gears are available in all versions with transmission ratio **1/1** (Tab. 2).

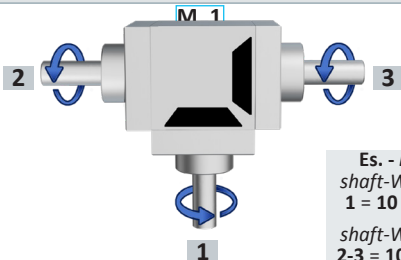
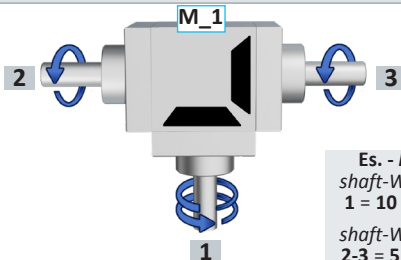
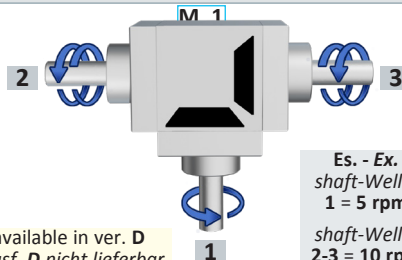
- *Lieferbare Übersetzungen: 1:1 - 1:2 (standard) - 2:1 (Lieferbar in Ausführungen «A» - «B» - «C»); (Tab. 3).*
- *Übersetzungen 1/2 und 2/1 nur mit Spiralkegelräder lieferbar.*
- *Druckgussgehäuse, schwarz eloxiert; Wellen aus Edelstahl AISI 303.*
- *Drehmoment 45 Nm. Radiallast 75 kg - Axiallast 7,5 kg (Tab. 4).*
- *Ausführungen (Tab. 1):*
 - *Version «A» mit 2 Ausgangswellen, Gewicht 330 g.*
 - *Version «B» mit 3 Ausgangswellen, Gewicht 520 g.*
 - *Version «C» mit 3 Ausgangswellen mit Rückwärtsdrehung, Gewicht 535 g.*
 - *Version «D» mit 3 Ausgangswellen, 2 durchgehende Hohlwellen, Gewicht 520 g.*
- *Standard output shafts: M = male Ø14 / F = female Ø14 (Tab. 9).*

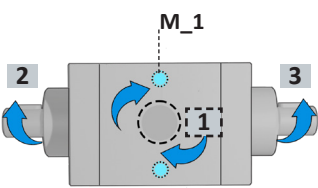
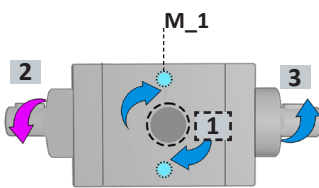
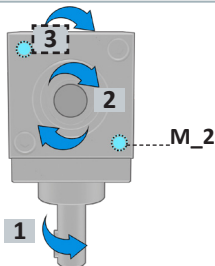
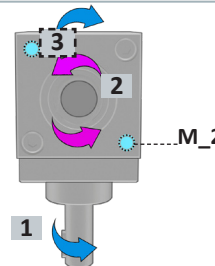
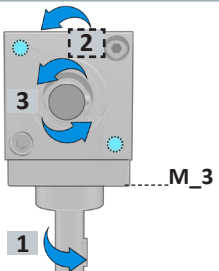
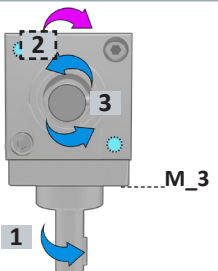
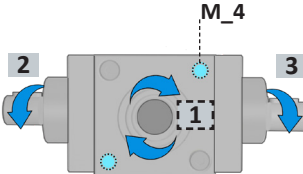
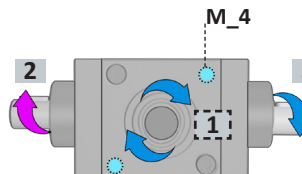
Lieferbar auf Anfrage:

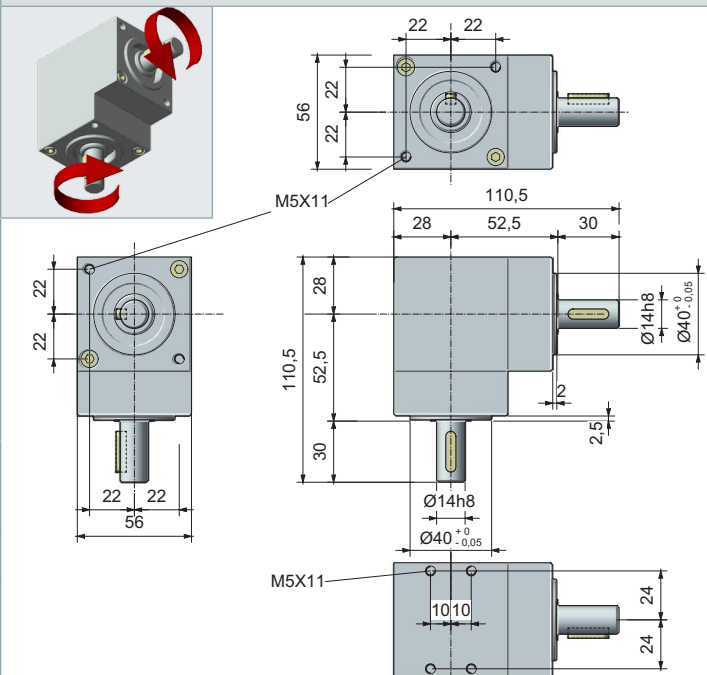
- Gehäuse in **Edelstahl AISI 303**.
- Ausführungen mit Spiralkegelräder für Übersetzung **1/1** (Tab. 2).

«A»	«B»	«C»	«D»
			
2 outputs, same rot, direction 2 Abtriebe, gleichsinnig	3 outputs, same rot, direction 3 Abtriebe, gleichsinnig	3 uscite, 1 con rotazione discorde 3 outputs, 1 with opposite rotation	3 outputs, 2 hollow shafts, same rot. 3 Abtriebe, 2 durchgehend, gleich.

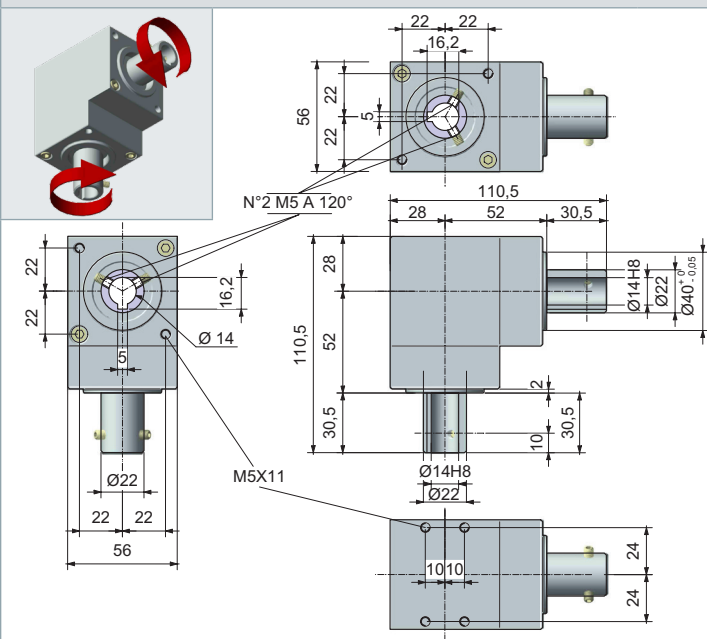
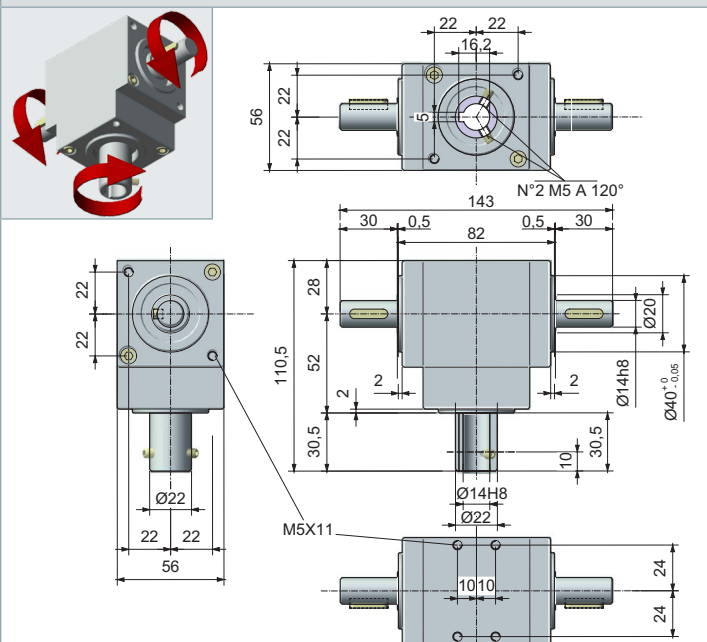
OUTPUT SHAFT IDENTIFICATION - WELLENKENNZEICHNUNG		Tab. 2
Example - Beispiel	Example - Beispiel	  Shaft 1 is always shown on the side opposite the M_1 fixing bores and is the reference for: configuration, direction of rotation, gear ratio. By convention, Shaft 1 is shown rotating clockwise, the others follow the clockwise direction. Welle 1 ist stets gegenüber den Bohrungen M_1 dargestellt und dient als Bezug für Bauform, Drehrichtung und Übersetzung. Sie wird konventionsgemäß im Uhrzeigersinn dargestellt; die übrigen Wellen werden im Uhrzeigersinn nummeriert.

AVAILABLE TRANSMISSION RATIOS - LIEFERBARE ÜBERSETZUNGEN			
The ratio refers to shaft 1, opposite the M_1 fixing bores - Die Übersetzung bezieht sich auf Welle 1, gegenüber den Bohrungen M_1			
Ratio - Übersetzung 1/1	Ratio - Übersetzung 1/2	Ratio - Übersetzung 2/1	
 Es. - Ex. shaft-Welle: 1 = 10 rpm shaft-Welle: 2-3 = 10 rpm	 Es. - Ex. shaft-Welle: 1 = 10 rpm shaft-Welle: 2-3 = 5 rpm	 Es. - Ex. shaft-Welle: 1 = 5 rpm shaft-Welle: 2-3 = 10 rpm	
		not available in ver. D in Ausf. D nicht lieferbar	

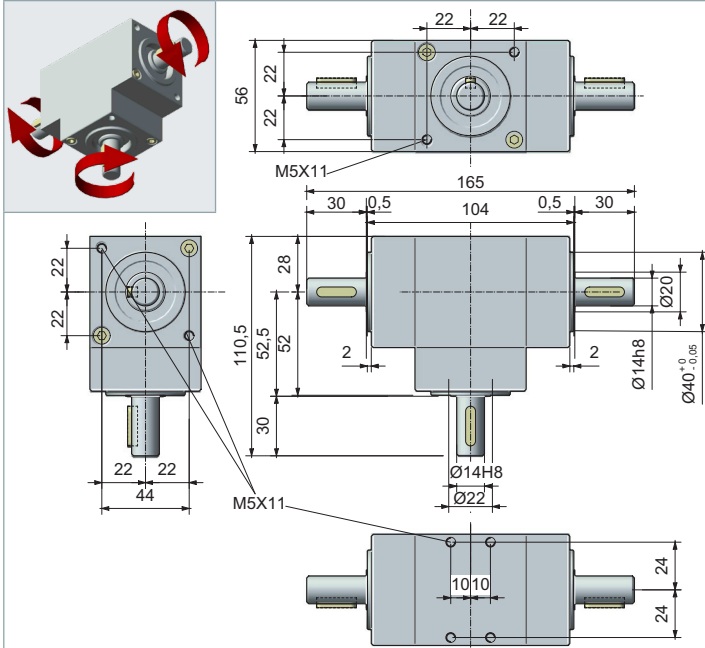
M_1 FIXING POSITIONS - M_1 BEFESTIGUNGSPOSITIONEN				Tab. 4
Shaft 1 shaft 1 remains the reference and is conventionally shown rotating clockwise; the housing is rotated by 90° from the previous position Welle 1 bleibt die Referenz und wird konventionsgemäß im Uhrzeigersinn dargestellt; das Gehäuse wird jeweils um 90° gedreht				
M_1 = top view - Ansicht von oben	0°	M_2 = right side view - rechte Seitenansicht	90°	
				
same rotation - gleichsinnig	opposite rotation - gegensinnig	same rotation - gleichsinnig	opposite rotation - gegensinnig	
+ 90° ↑		+ 90° ↓		
M_3 = left side view - linke Seitenansicht	270°	M_4 = bottom view - Ansicht von unten	180°	
				
same rotation - gleichsinnig	rotazione discorde - opposite rotation	same rotation - gleichsinnig	opposite rotation - gegensinnig	

VERSION - AUSFÜHRUNG «A» M-M

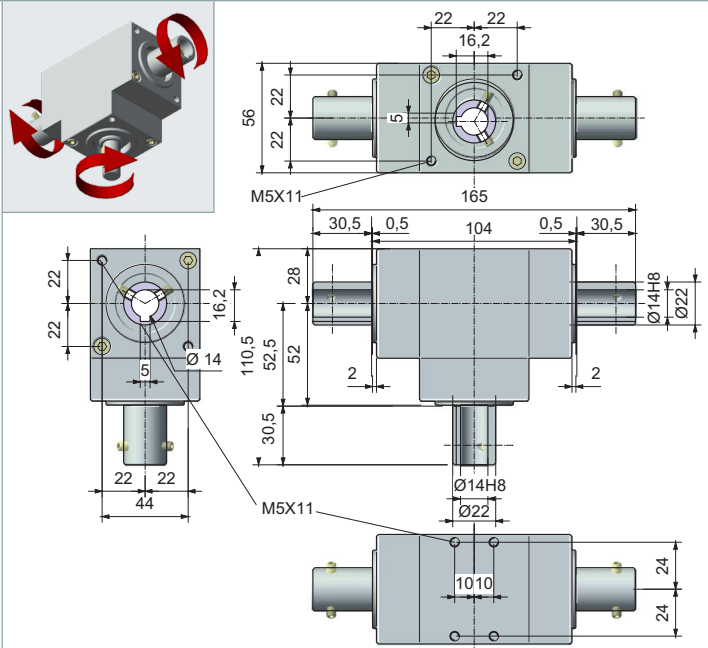
solo per la versione "D" - *only for version "D"*

VERSION - AUSFÜHRUNG 《A》 F-F**VERSION - AUSFÜHRUNG** 《B》 F-M-M

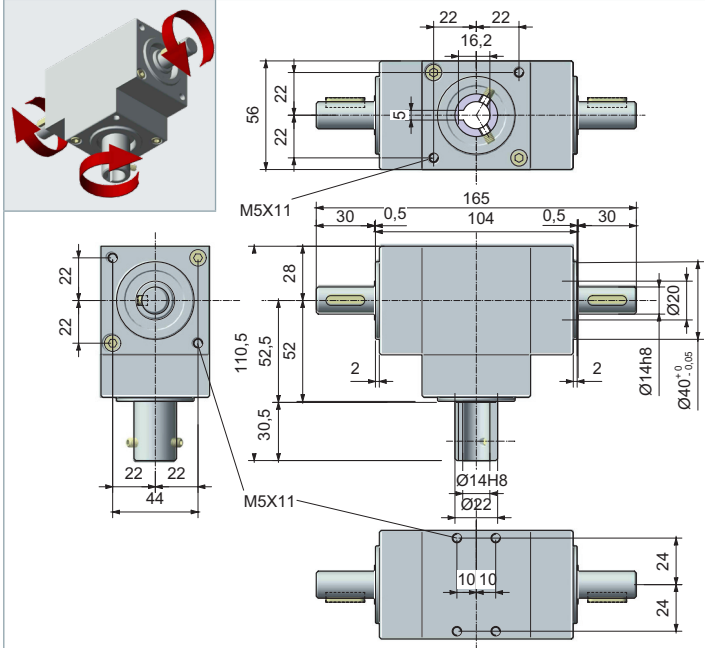
VERSION - AUSFÜHRUNG «C» M-M-M OPPOSITE ROTATION - GEGENLÄUFIG



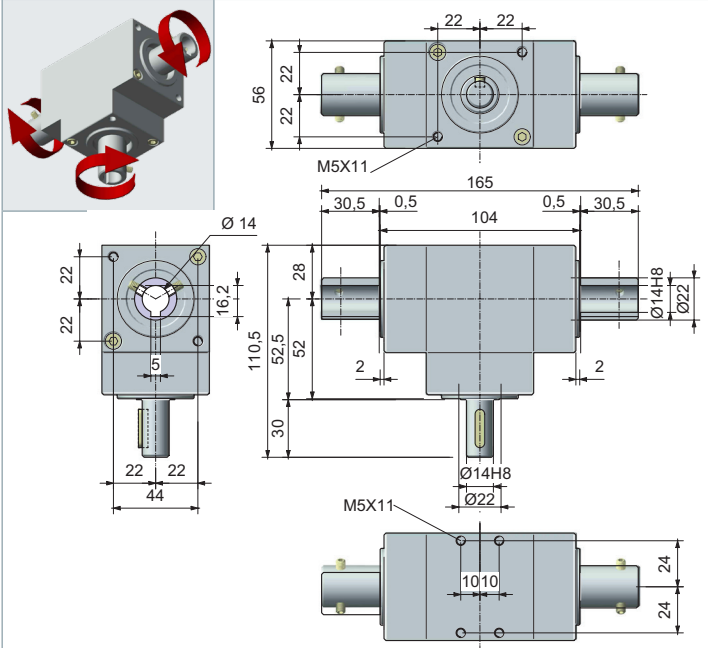
VERSION - AUSFÜHRUNG «C» M-F-F OPPOSITE ROTATION - GEGENLÄUFIG



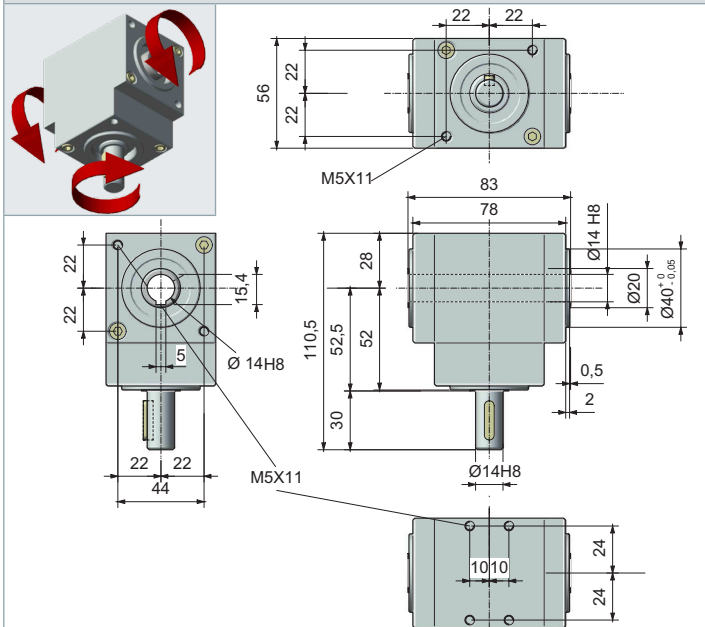
VERSION - AUSFÜHRUNG «C» F-M-M OPPOSITE ROTATION - GEGENLÄUFIG



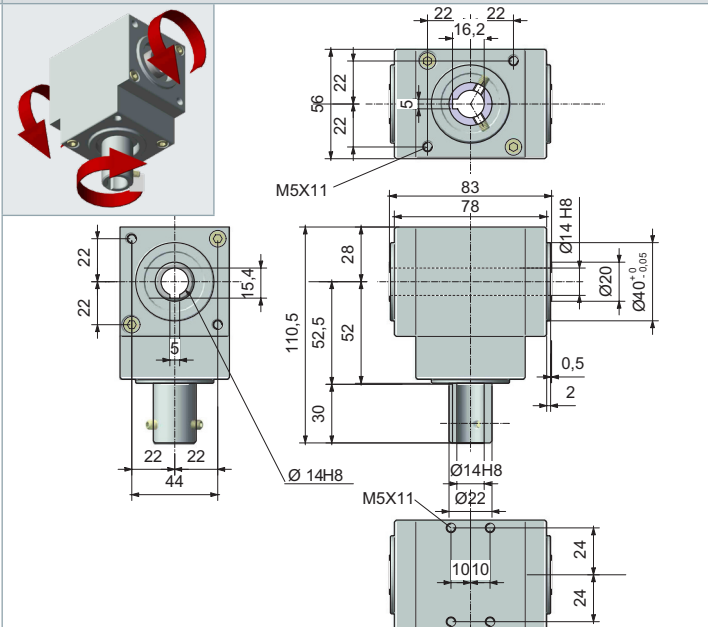
VERSION - AUSFÜHRUNG «C» F-F-F OPPOSITE ROTATION - GEGENLÄUFIG



VERSION - AUSFÜHRUNG «D» M-F-F THROUGH-HOLLOW SHAFT - DURCHGEHEND



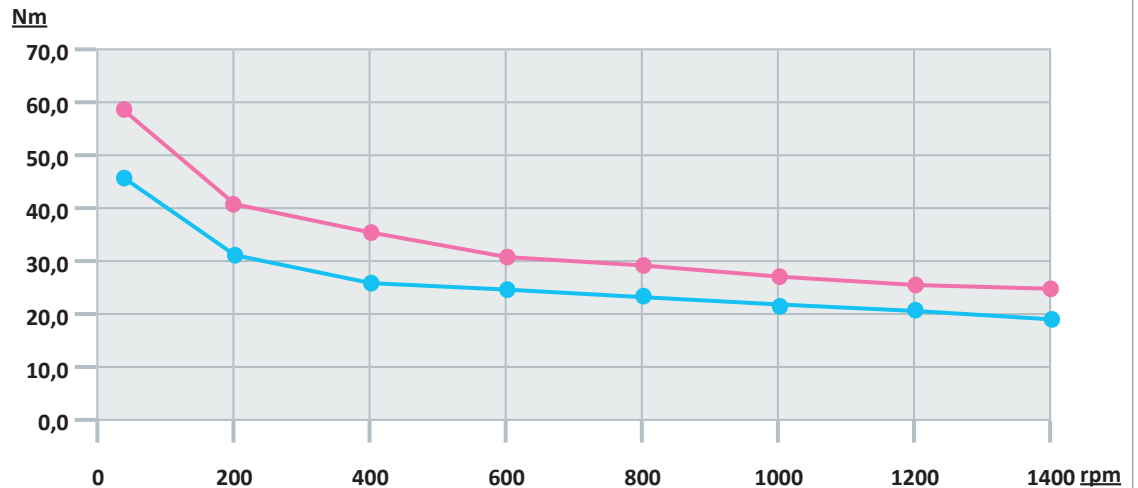
VERSION - AUSFÜHRUNG «D» F-F-F THROUGH-HOLLOW SHAFT - DURCHGEHEND



rpm	Tm dsp	Tm dc
50	58,5	45,0
200	41,4	31,9
400	34,8	26,8
600	31,5	24,0
800	29,2	22,5
1000	28,0	21,2
1200	26,5	20,5
1400	25,4	19,6

OUTPUT TORQUE WITH RATIO 1/1 - DREHMOMENT MIT ÜBERSETZUNG 1/1

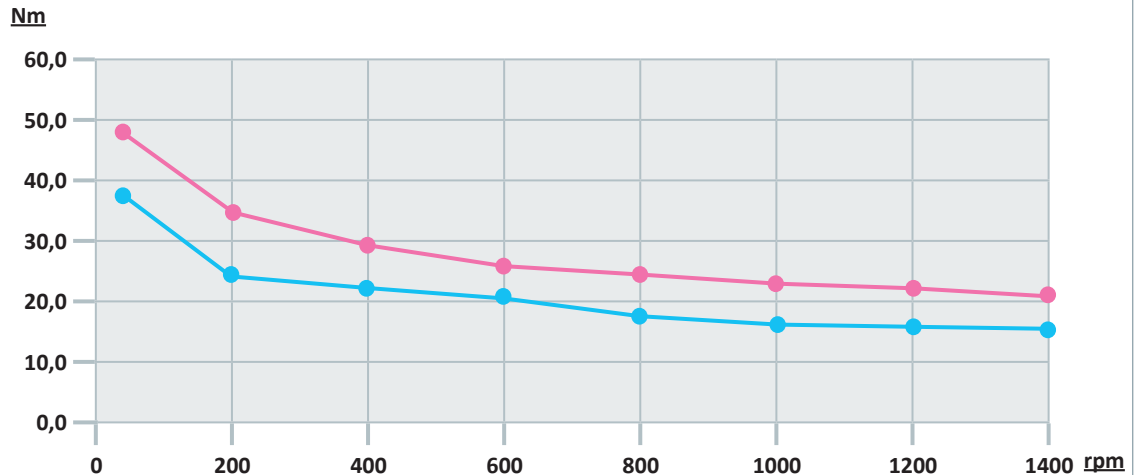
Efficiency - Leistung = 90%



rpm	Tm dsp	Tm dc
50	48,7	37,5
200	34,5	26,5
400	29,0	22,3
600	26,4	20,5
800	24,5	18,8
1000	23,0	17,8
1200	22,0	16,9
1400	21,2	16,3

OUTPUT TORQUE WITH RATIO 1/2 - DREHMOMENT MIT ÜBERSETZUNG 1/2

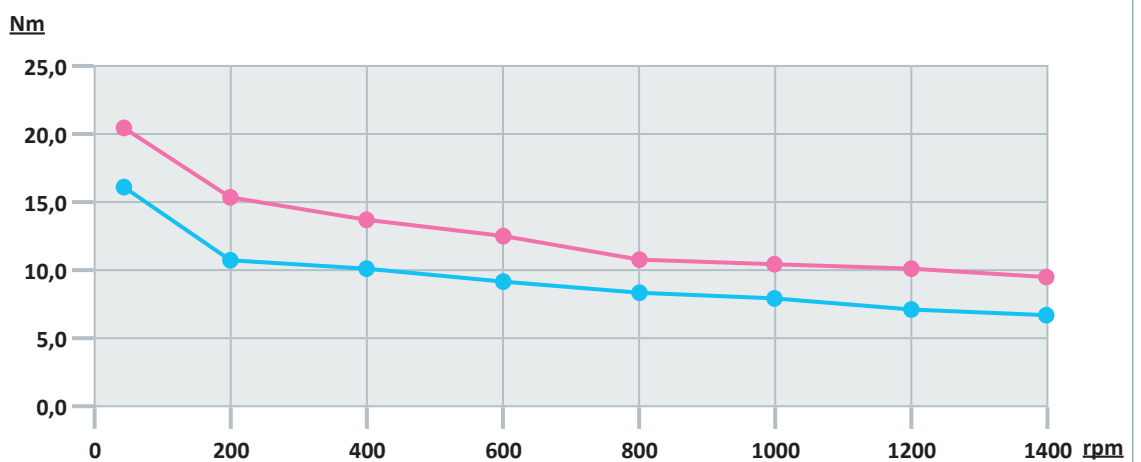
Efficiency - Leistung = 90%



rpm	Tm dsp	Nm dc
50	22,0	16,9
200	15,5	11,9
400	13,0	10,0
600	11,9	9,1
800	11,0	8,5
1000	10,5	8,0
1200	10,2	7,7
1400	9,7	7,4

OUTPUT TORQUE WITH RATIO 2/1 - DREHMOMENT MIT ÜBERSETZUNG 2/1

Efficiency - Leistung = 90%



- Tm = max torque in Nm - max Drehmoment in Nm
- dc = bevel gearing - Kegelradverzahnung
- dsp = spiral gearing - Spiralverzahnung

PART NR. CONFIGURATION - BESTELLMUSTER		66/6	SP	IN	B	MØ14	FØ14	FØ14	1/1
SPIRAL BEVEL GEARS - SPIRALKEGELRÄDER (☛Tab. 2)									
SP ratio - Übersetz. 1/1		ratio - Übersetz. 1/2 - 2/1							
STAINLESS STEEL - EDELSTAHL									
INOX									
VERSION - AUSFÜHRUNG (☛Tab. 1)									
A - B - C - D									
SHAFT 1 - WELLE 1 (☛Tab. 9)									
MØ14 - FØ14 (standard)									
SHAFT 2 - WELLE 2 (☛Tab. 9)									
MØ14 - FØ14 (standard)									
SHAFT 3 - WELLE 3 (☛Tab. 9)									
MØ14 - FØ14 (standard)									
RATIO - ÜBERSETZUNG									
1:1 - 1:2 - 2:1 (☛Tab. 3)									
exclusive option - keine Auswahl									
optional - auf Wunsch lieferbar									

- Per la scelta del rinvio, consigliamo di consultare le tabelle e i dati tecnici riportati nelle "Informazioni generali" di questo catalogo (pag. 4 - 7)
- Per abbreviazioni e sigle consultare il «glossario» nelle "Informazioni generali" di questo catalogo (pag. 7).
- For the selection of the gearbox, we advise to consult the tables, and the technical data shown in the "General Information" of this catalog (p. 4 - 7)
- For abbreviations and acronyms consult the «glossary» in the "General Information" of this catalog (p. 7)