



RR105

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i

	i 1/...	T ₂ [Nm]						n _{1max} [min ⁻¹]	T _{2max} [Nm]	P _t [kW]
		n ₂ x h								
		10000 (10 ⁴)	25000 (2.5 · 10 ⁴)	50000 (5 · 10 ⁴)	100000 (10 ⁵)	500000 (5 · 10 ⁵)	1000000 (10 ⁶)			
RR105	3.21	1220	1160	1140	1130	930	760	3500	1800	12
	4.10	1160	1070	1060	1050	900	730			
	5.42	1030	940	850	790	720	690			
	7.20	760	640	560	540	490	470			
RR105D	11.27	1220	1160	1140	1130	930	760	3500	1800	6
	14.39	1160	1070	1060	1050	900	730			
	19.07	1160	1070	1060	1050	900	730			
	25.46	1160	1070	1060	1050	900	730			
	33.66	1030	940	850	790	720	690			
	44.71	760	640	560	540	490	470			
RR105T	50.51	1160	1070	1060	1050	900	730	3500	1800	5
	66.92	1160	1070	1060	1050	900	730			
	89.37	1160	1070	1060	1050	900	730			
	118.39	1160	1070	1060	1050	900	730			
	158.11	1160	1070	1060	1050	900	730			
	209.02	1030	940	850	790	720	690			
	277.66	760	640	560	540	490	470			



RA105

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i



	i 1/...	T ₂ [Nm]						n _{1max} [min ⁻¹]	T _{2max} [Nm]	P _t [kW]
		n ₂ x h								
		10000 (10 ⁴)	25000 (2.5 · 10 ⁴)	50000 (5 · 10 ⁴)	100000 (10 ⁵)	500000 (5 · 10 ⁵)	1000000 (10 ⁶)			
RA105	10.34	1220	1160	1140	1130	930	760	3500	1800	13
	13.20	1160	1070	1060	1050	900	730			
	17.45	1030	940	850	790	720	690			
	23.18	760	640	560	540	490	470			
	31.91	1030	890	840	790	700	660			
	42.39	760	640	560	540	490	470			
RA105D	33.18	1220	1160	1140	1130	930	760	3500	1800	9
	42.38	1220	1160	1140	1130	930	760			
	54.13	1160	1070	1060	1050	900	730			
	71.55	1160	1070	1060	1050	900	730			
	95.05	1160	1070	1060	1050	900	730			
	125.66	1030	940	850	790	720	690			
	166.92	760	640	560	540	490	470			
	173.81	1160	1070	1060	1050	900	730			
	229.77	1030	940	850	790	720	690			
	305.23	760	640	560	540	490	470			

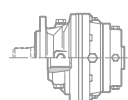
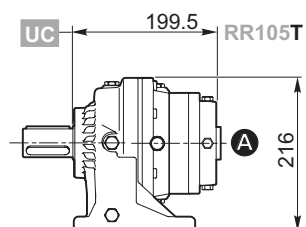
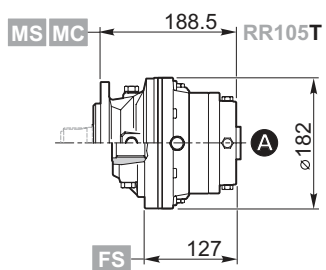
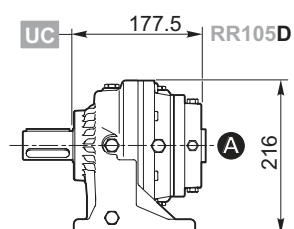
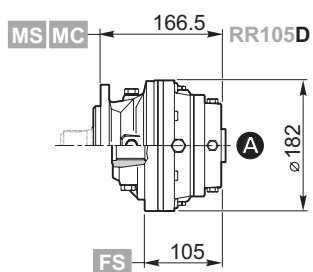
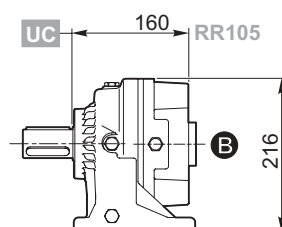
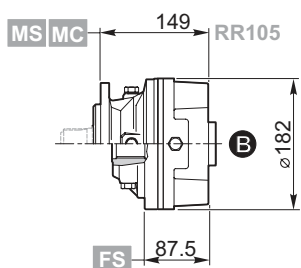


RR105

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**CFG**RF
BOC**A B C**

C3

C3



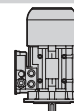
B20



B21



C16



C27

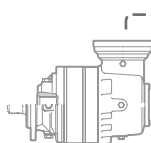
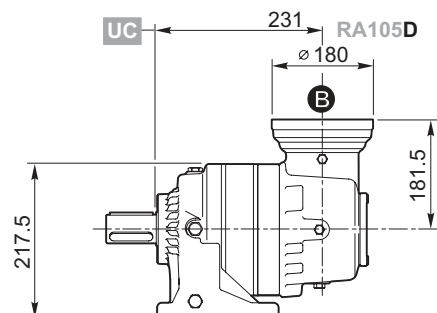
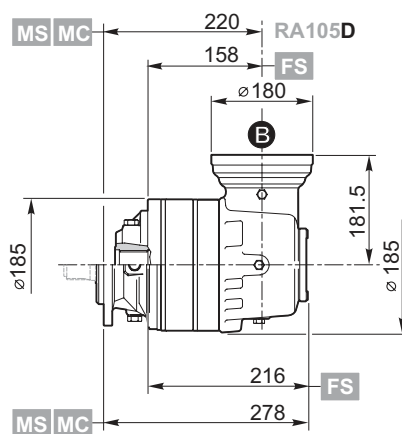
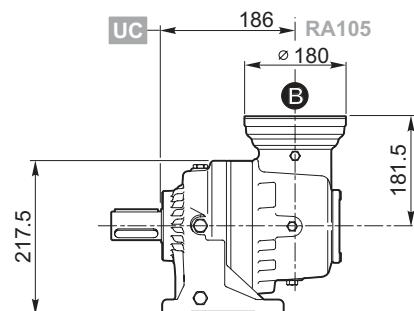
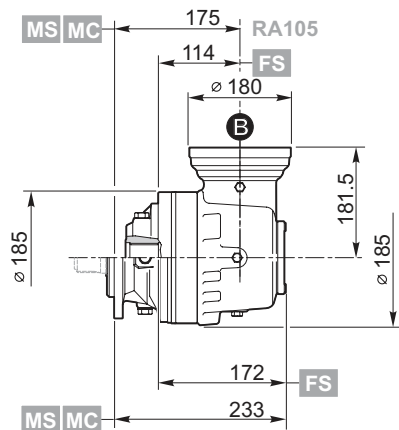


RA105

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i

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CFG

RF
BOC

A B C

C3

C3



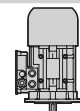
B20



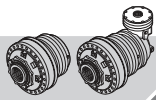
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C16



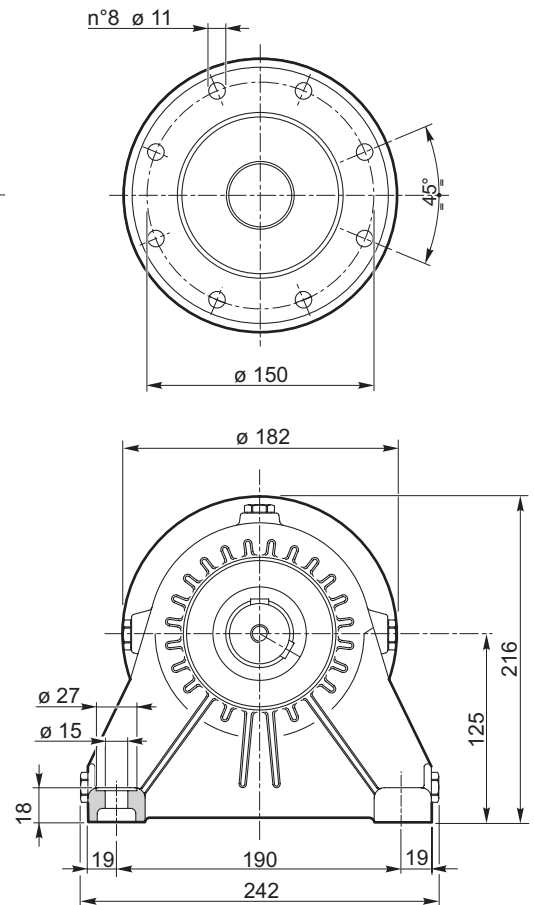
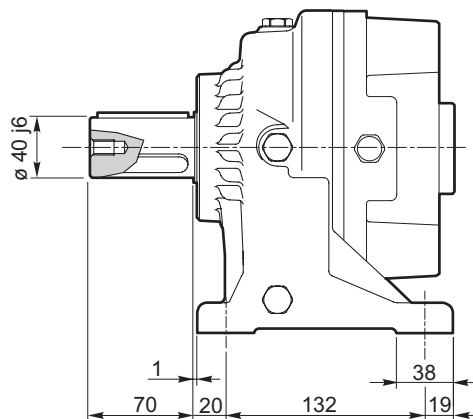
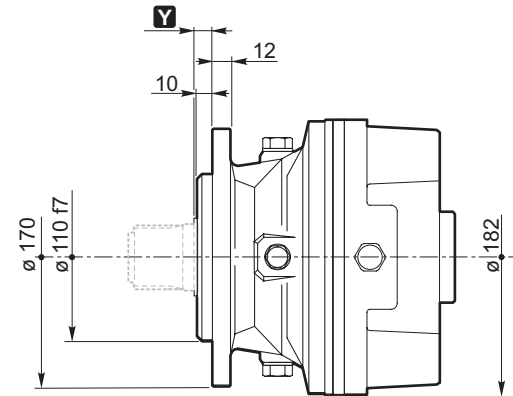
C27



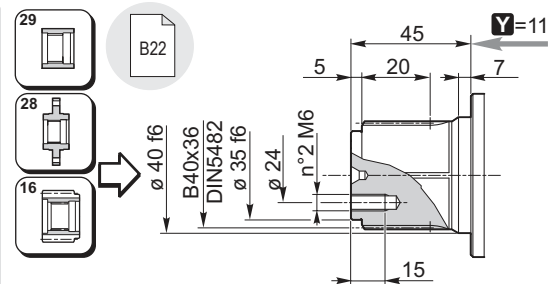
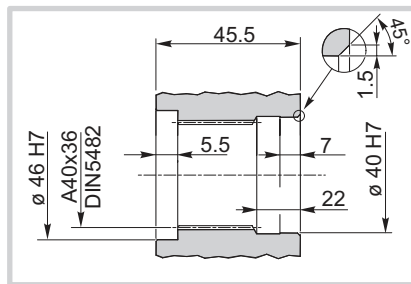
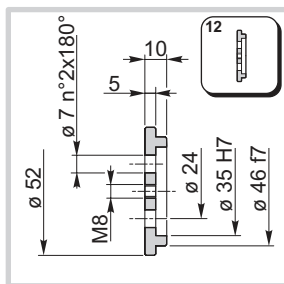
RR105	..	i	..
RA105	..	..	..

MS
MC

UC

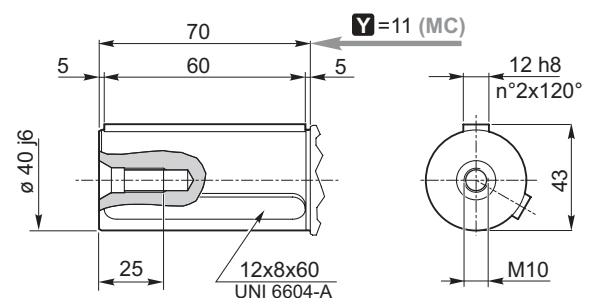
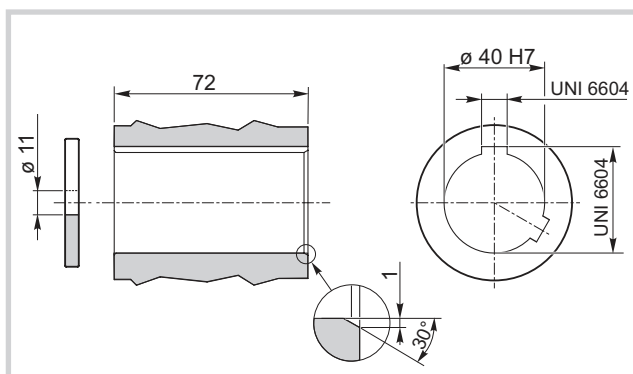


MS



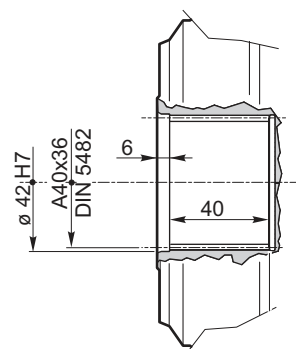
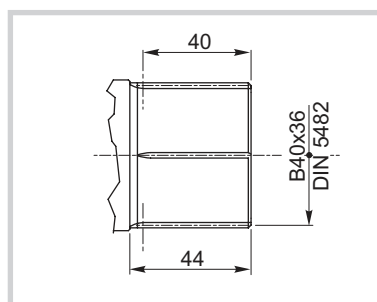
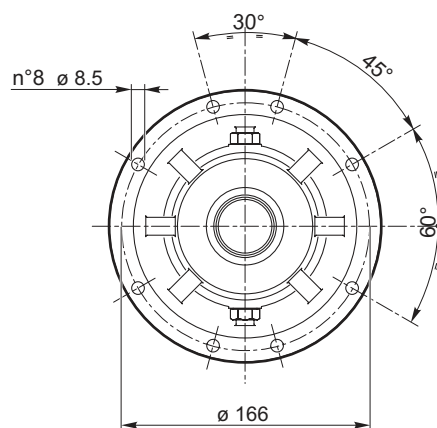
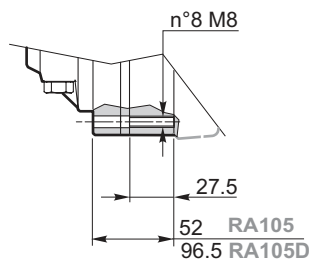
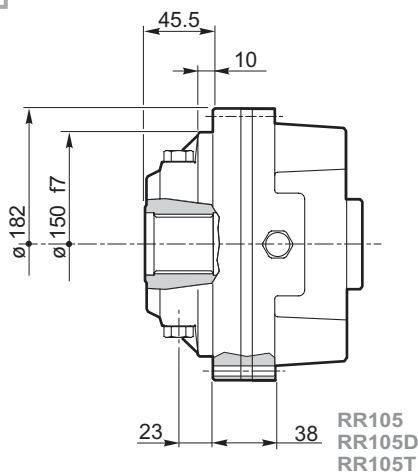
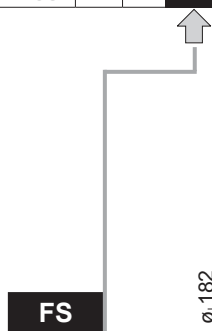
MC

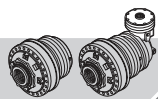
UC





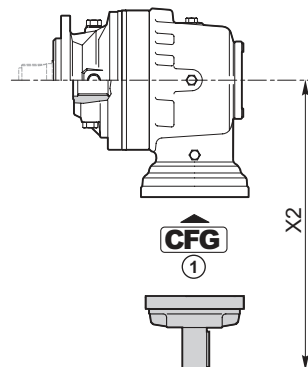
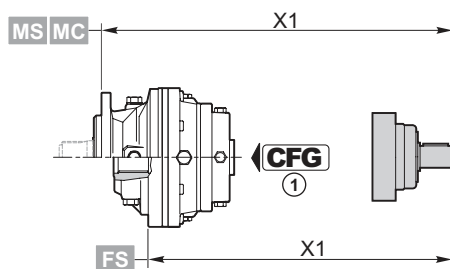
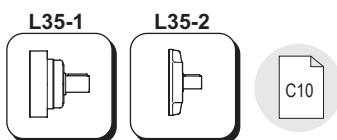
RR105	..	i	FS
RA105			





105

IT EN DE FR ES PT



	CFG ①		code	X1
RR105	BOC	L35-2	154-2190M1	238.5 (M...) 177 (FS)
RR105D	RF	L35-1	154B4054	254.5 (M...) 193 (FS)
RR105T	RF	L35-1	154B4054M1	276.5 (M...) 215 (FS)

	CFG ①		code	X2
RA105	BOC	L35-2	154-2190M1	270.5
RA105D	BOC	L35-2	154-2190M1	270.5

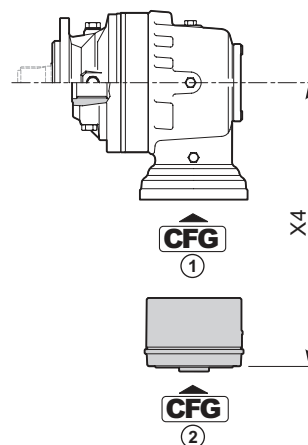
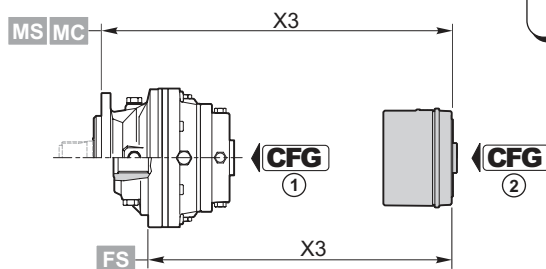
CFG
RF BOC
A B C



RF2/..



C12



CFG	
RF BOC	000
A	000
B	000
C	000

RF2/..	CFG ①	T _f [Nm]	CFG ②					
			B		OMP/OMR SAE A 2B Ø 25	OMP/OMR SAE A 2B 1" 6B	OMP/OMR SAE A 4B Ø 25	OMP/OMR SAE A 4B 1" 6B
			code	X3	code	code	code	code
RR105	RF	70	154-2838M1	187.5 (M...) 126 (FS)	154-2863	154-2863M11	154-2635	154-2635M11
		140	154-2839M1		154-2864	154-2864M11	154-2636	154-2636M11
		210	154-2840M1		154-2865	154-2865M11	154-2637	154-2637M11
		320	154-2841M1		154-2866	154-2866M11	154-2638	154-2638M11
		430	154-2842M1		154-2867	154-2867M11	154-2639	154-2639M11
		600	154B8962M1		154B9665	154B9665M11	154B9666	154B9666M11

	CFG ①	T _f [Nm]	CFG ②					
			A		OMP/OMR SAE A 2B Ø 25	OMP/OMR SAE A 2B 1" 6B	OMP/OMR SAE A 4B Ø 25	OMP/OMR SAE A 4B 1" 6B
			code	X3	code	code	code	code
RR105D	RF	70	154-2832M1	232.5 (M...) 171 (FS)	154-2858M1	154-2858M5		
		140	154-2833M1		154-2859M1	154-2859M5		
		210	154-2834M1		154-2860M1	154-2860M5		
		320	154-2836M1		154-2861M1	154-2861M5		
		430	154-2837M1		154-2862M1	154-2862M5		
		600	154B8959M1		154B9663M1	154B9663M5		
RR105T	RF	70	154-2832M3	254.5 (M...) 193 (FS)	154-2858M3	154-2858M7		
		140	154-2833M3		154-2859M3	154-2859M7		
		210	154-2834M3		154-2860M3	154-2860M7		
		320	154-2836M3		154-2861M3	154-2861M7		
		430	154-2837M3		154-2862M3	154-2862M7		
		600	154B8959M3		154B9663M3	154B9663M7		

	CFG ①	T _f [Nm]	CFG ②					
			B		OMP/OMR SAE A 2B Ø 25	OMP/OMR SAE A 2B 1" 6B	OMP/OMR SAE A 4B Ø 25	OMP/OMR SAE A 4B 1" 6B
			code	X4	code	code	code	code
RA105	RF	70	154-2838M12	223.8	154-2863M12	154-2863M13	154-2635M12	
		140	154-2839M12		154-2864M12	154-2864M13	154-2636M12	
		210	154-2840M12		154-2865M12	154-2865M13	154-2637M12	
		320	154-2841M12		154-2866M12	154-2866M13	154-2638M12	
		430	154-2842M12		154-2867M12	154-2867M13	154-2639M12	
		600	154B8962M12		154B9665M12	154B9665M13	154B9666M12	
RA105D	RF	70	154-2838M12	223.8	154-2863M12	154-2863M13	154-2635M12	
		140	154-2839M12		154-2864M12	154-2864M13	154-2636M12	
		210	154-2840M12		154-2865M12	154-2865M13	154-2637M12	
		320	154-2841M12		154-2866M12	154-2866M13	154-2638M12	
		430	154-2842M12		154-2867M12	154-2867M13	154-2639M12	
		600	154B8962M12		154B9665M12	154B9665M13	154B9666M12	



12

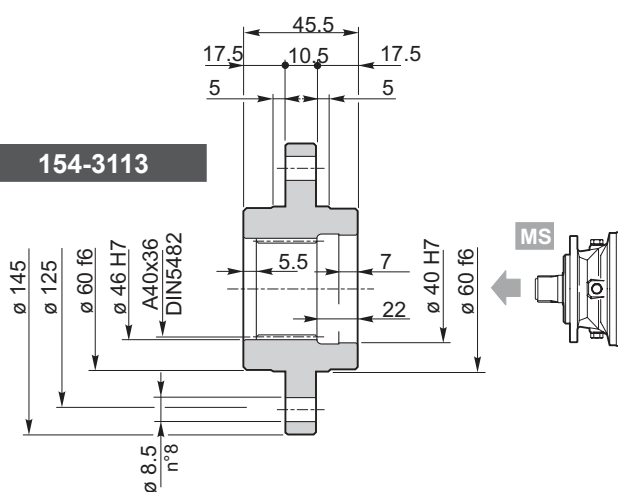
Technical drawing of a shaft with a splined end. The shaft has a total length of 52 mm. The splined section has a length of 10 mm and a diameter of 35 mm H7. The shaft has a diameter of 24 mm for a portion of its length. The shaft is threaded with M8 at the end. The shaft is shown with a cross-section view of the shaft, labeled MS, indicating the material is stainless steel.

Materiale / Material / Material / Matériau / Material / Material:
Acciaio / Steel / Stahl / Acier / Acero / Aço
C40 EN 10083-1 (1.1186)



Materiale / Material / Material / Matériau / Material / Material: **Acciaio / Steel / Stahl / Acier / Acero / Aço EN 10083-1-C40 (1.1186)**

Tempera por indução segundo UNI 10932 sobre ranhuras internas

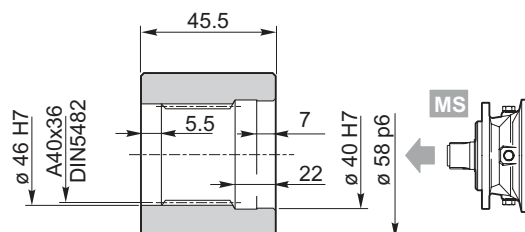


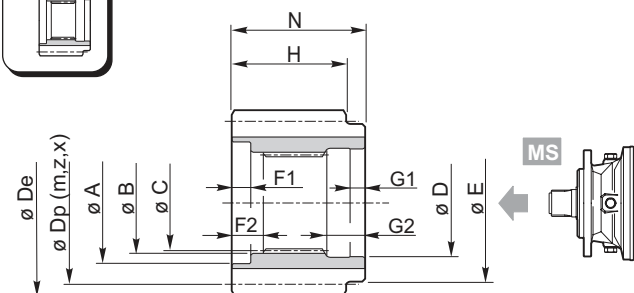
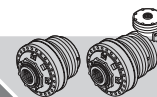
 $T_{2\max} = 1740 \text{ Nm}$



Materiale / Material / Material / Matériau / Material / Material: **Acciaio / Steel / Stahl / Acier / Acero / Aço 39NiCrMo3 UNI 7845 (1.6511)**

Tratamento térmico:
Tempera por indução segundo UNI 10932 sobre ranhuras internas





Materiale / Material / Material
Matériau / Material / Material
Acciaio / Steel / Stahl / Acier / Acero / Aço
39NiCrMo3 UNI 7845 (1.6511)

Trattamento termico:
 Tempra ad induzione secondo UNI 10932 su scanalato interno

Heat treatment:
 Induction hardening according to UNI 10932 on internal spline

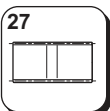
Wärmebehandlung:
 Induktionshärtung nach UNI 10932 an interner Nut

Traitement thermique:
 Trempe par induction conformément à la norme UNI 10932 sur cannelé interne

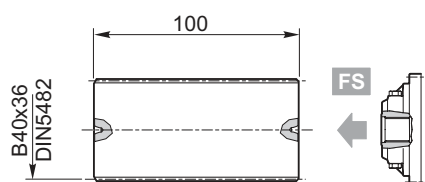
Tratamiento térmico:
 Temple por inducción según UNI 10932 en acanalado interno

Tratamento térmico:
 Tempera por indução segundo UNI 10932 sobre ranhuras internas

	A	B	C	D	E	F1	F2	G1	G2	N	m	z	x	H	Dp	De	Code
MS	53	46 F6	DIN5482 A40x36	40 F6	50	2	7.5	7	21	47.5	4	15	0.5	44.5	60	69.8	154-3072
	53	46 F6	DIN5482 A40x36	40 F6	50	2	7.5	7	21	47.5	4	32	0	44.5	128	135	154-3104
	53	46 F6	DIN5482 A40x36	40 F6	50	2	7.5	7	21	47.5	6	12	0.25	44.5	72	84.8	154-3073
	53	46 F6	DIN5482 A40x36	40 F6	50	2	7.5	7	21	47.5	5	14	0.5	44.5	70	84	154-2709
	53	46 F6	DIN5482 A40x36	40 F6	50	2	7.5	7	21	47.5	6	24	0	44.5	144	154	154-2285
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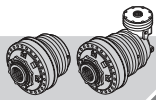


Kg 0.9

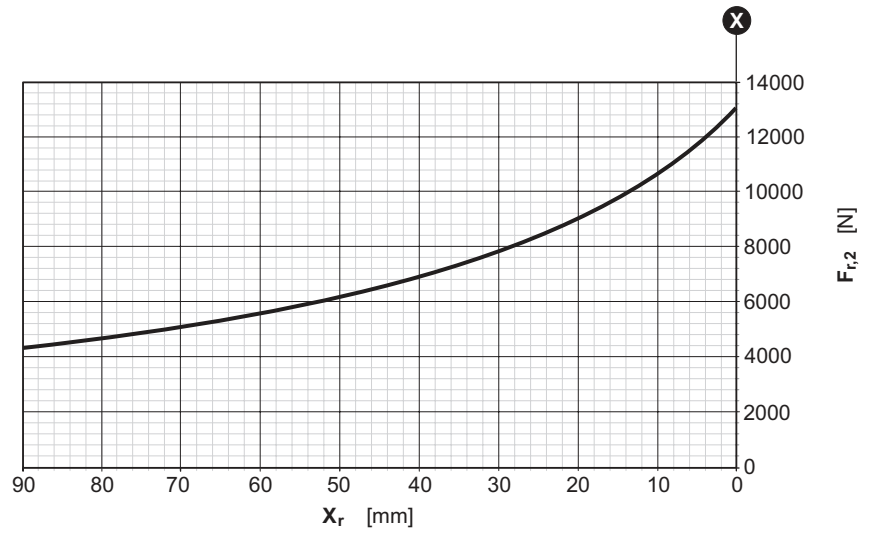
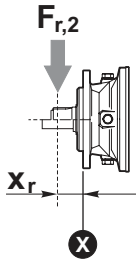


154-3050

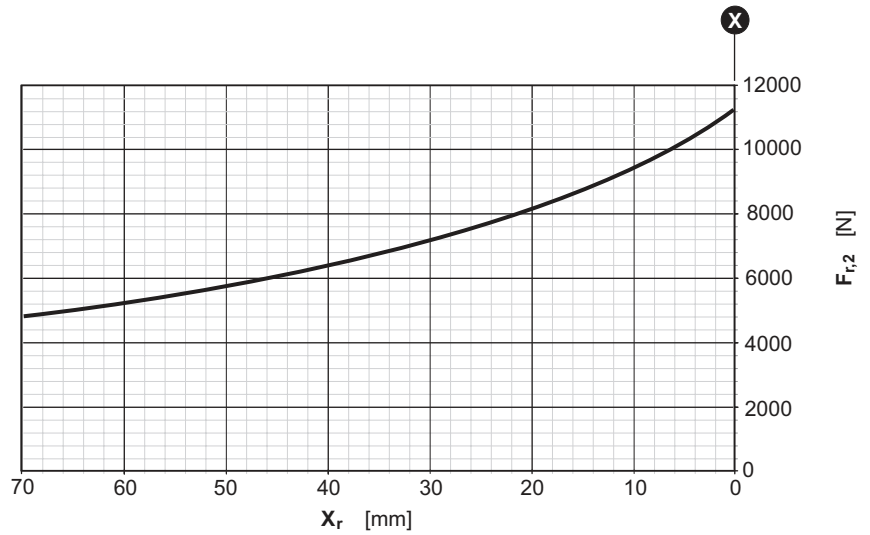
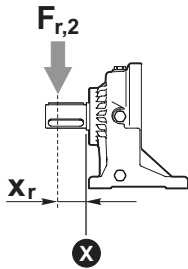
Materiale / Materiale / Material
Matériau / Material / Material:
Acciaio / Steel / Stahl / Acier / Acero / Aço
39NiCrMo3 UNI 7845 (1.6511)



RR	105	..	MS
RA			MC



RR	105	..	UC
RA			



Fattore correttivo k_{r2} / k_{r2} Corrective coefficient / Korrekturfaktor k_{r2}
 Facteur correctif k_{r2} / Factor de corrección k_{r2} / Fator corretivo k_{r2}

