



210

IT EN DE FR ES PT

RR210

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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)			
RR210	3.31	2500	2360	2330	2180	1610	1310	3500	2500 (M.../FS) 3300 (S...)	15
	3.91	2480	2300	2110	1860	1580	1290			
	4.94	2210	1860	1630	1490	1350	1250			
	5.78	2030	1710	1500	1410	1270	1220			
	7.09	1390	1160	1030	990	890	860			
RR210D	10.96	2500	2360	2330	2180	1610	1310	3500	2500 (M.../FS) 3300 (S...)	8
	12.94	2500	2360	2330	2180	1610	1310			
	15.29	2480	2300	2110	1860	1580	1290			
	19.32	2480	2300	2110	1860	1580	1290			
	22.6	2480	2300	2110	1860	1580	1290			
	28.55	2210	1860	1630	1490	1350	1250			
	35.02	2210	1860	1630	1490	1350	1250			
	40.98	2030	1710	1500	1410	1270	1220			
	50.27	1390	1160	1030	990	890	860			
RR210T	60.18	2500	2360	2330	2180	1610	1310	3500	2500 (M.../FS) 3300 (S...)	6
	71.09	2480	2300	2110	1860	1580	1290			
	80.37	2500	2360	2330	2180	1610	1310			
	89.82	2480	2300	2110	1860	1580	1290			
	105.09	2480	2300	2110	1860	1580	1290			
	119.95	2480	2300	2110	1860	1580	1290			
	140.34	2480	2300	2110	1860	1580	1290			
	177.32	2210	1860	1630	1490	1350	1250			
	217.5	2210	1860	1630	1490	1350	1250			
	254.49	2030	1710	1500	1410	1270	1220			
	312.16	1390	1160	1030	990	890	860			
RR210Q	279.84	2500	2360	2330	2180	1610	1310	3500	2500 (M.../FS) 3300 (S...)	5
	330.57	2480	2300	2110	1860	1580	1290			
	417.65	2480	2300	2110	1860	1580	1290			
	488.66	2480	2300	2110	1860	1580	1290			
	557.76	2480	2300	2110	1860	1580	1290			
	652.6	2480	2300	2110	1860	1580	1290			
	824.52	2210	1860	1630	1490	1350	1250			
	871.54	2480	2300	2110	1860	1580	1290			
	1011.39	2210	1860	1630	1490	1350	1250			
	1183.36	2030	1710	1500	1410	1270	1220			
	1350.69	2210	1860	1630	1490	1350	1250			
	1580.36	2030	1710	1500	1410	1270	1220			
	1938.54	1390	1160	1030	990	890	860			



RA210

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	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)			
RA210	10.66	1980	1660	1460	1310	1170	1010	3500	2500 (M.../FS) 3300 (S...)	14
	12.59	2270	1900	1670	1530	1360	1130			
	15.91	2210	1860	1630	1490	1350	1250			
	18.61	2030	1710	1500	1410	1270	1220			
	22.83	1390	1160	1030	990	890	860			
	29.09	1000	830	770	730	640	600			
	34.03	1140	940	890	840	740	700			
	41.75	1340	1130	1030	990	890	840			
RA210D	35.28	2500	2360	2330	2180	1610	1310	3500	2500 (M.../FS) 3300 (S...)	10
	41.67	2500	2360	2330	2180	1610	1310			
	49.23	2480	2300	2110	1860	1580	1290			
	62.20	2480	2300	2110	1860	1580	1290			
	72.77	2480	2300	2110	1860	1580	1290			
	91.94	2210	1860	1630	1490	1350	1250			
	112.78	2210	1860	1630	1490	1350	1250			
	131.96	2030	1710	1500	1410	1270	1220			
	161.86	1390	1160	1030	990	890	860			
	196.71	2030	1710	1500	1410	1270	1220			
	206.22	2210	1860	1630	1490	1350	1250			
	241.29	2030	1710	1500	1410	1270	1220			
	295.98	1390	1160	1030	990	890	860			



RR210

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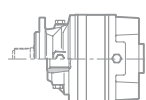
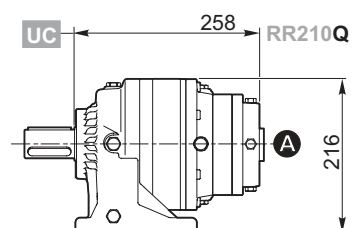
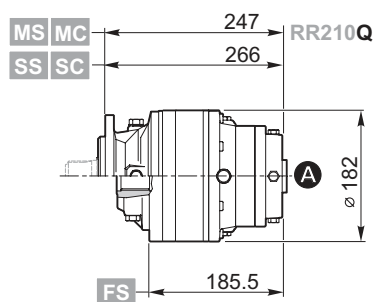
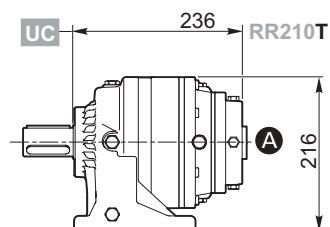
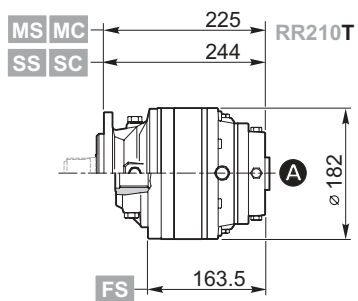
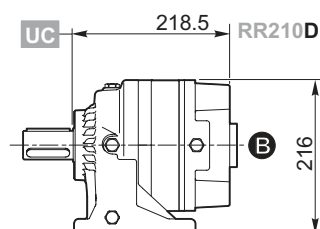
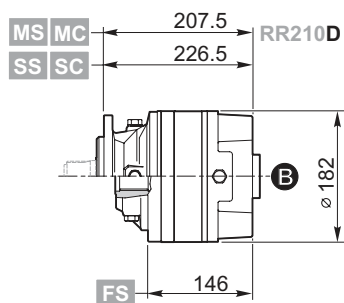
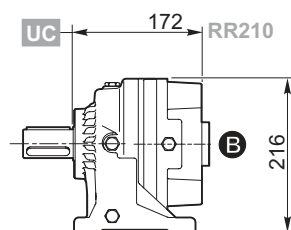
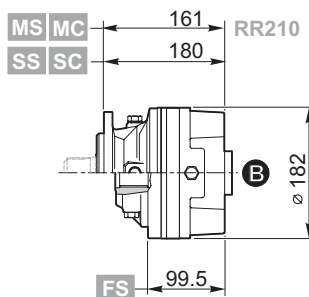


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D

T

Q



CFG

RF

BOC

A B C

C3

C3



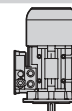
B44



B45



C16



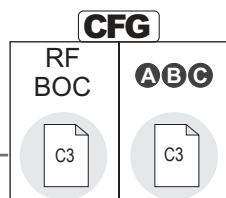
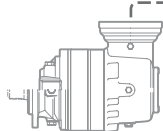
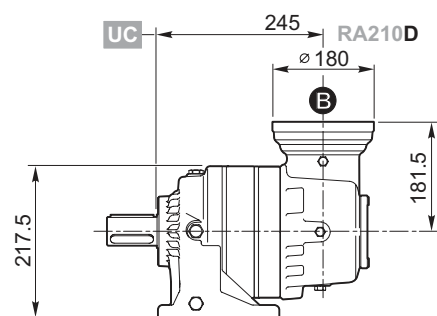
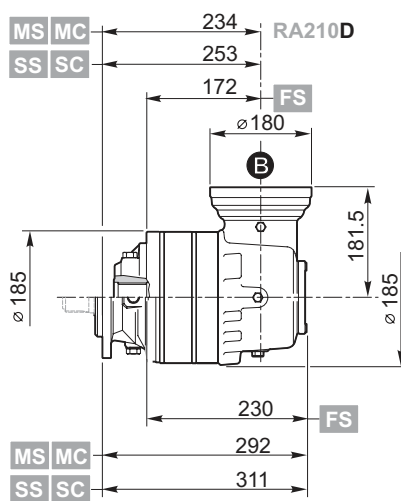
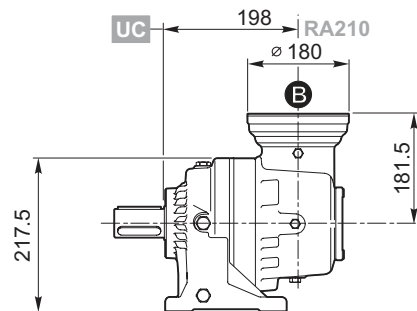
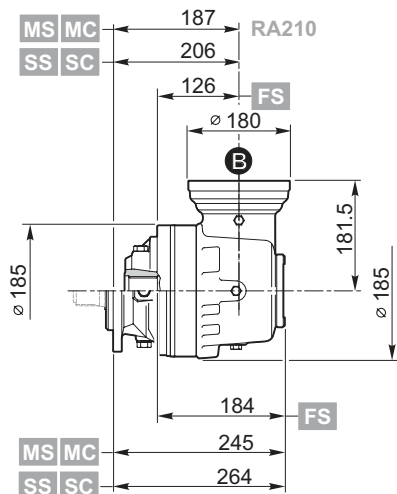
C27



RA210 .. i ..

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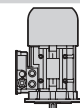
B44



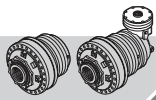
B45



C16



C27



210

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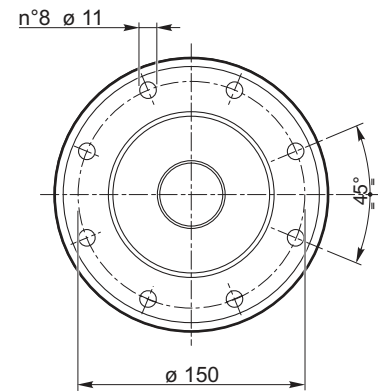
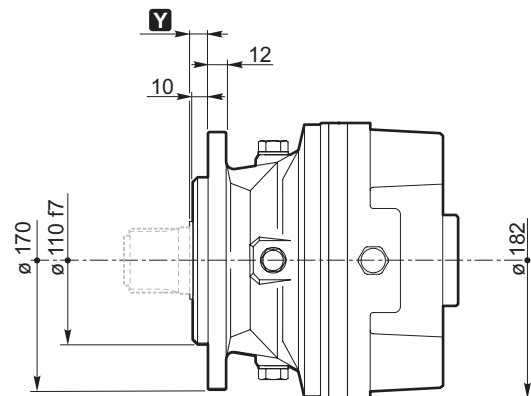
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MS



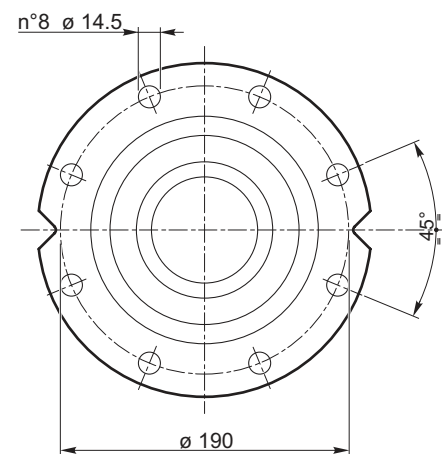
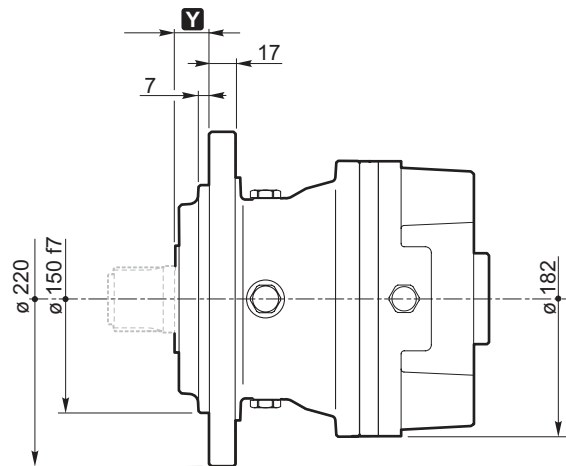
MC



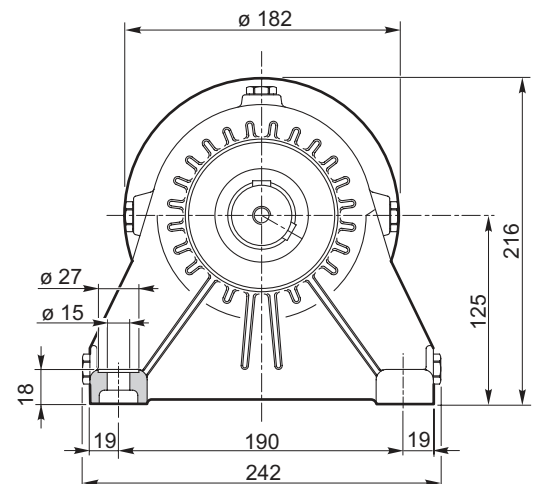
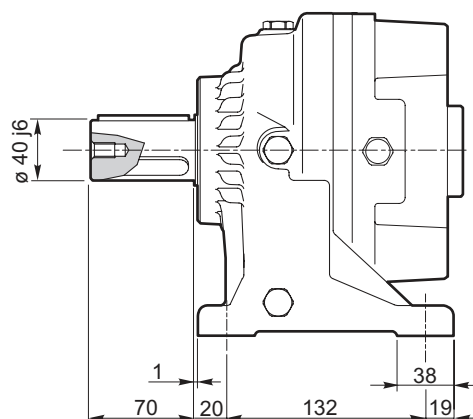
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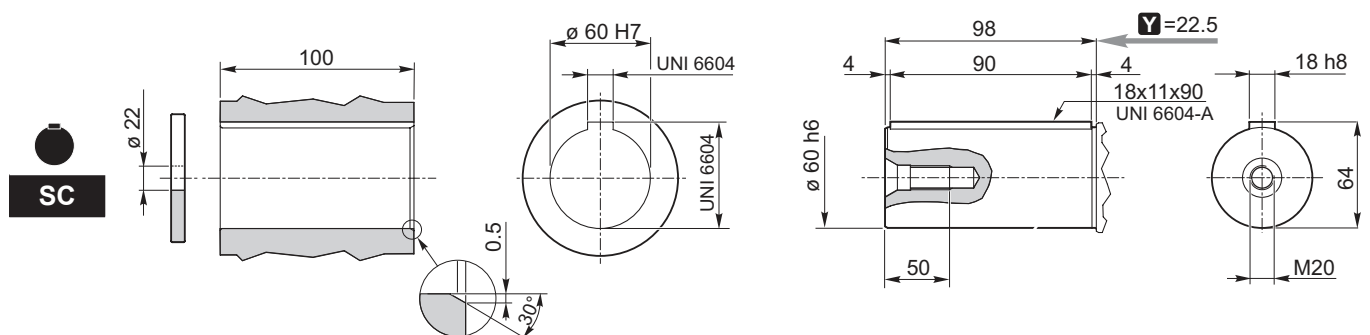
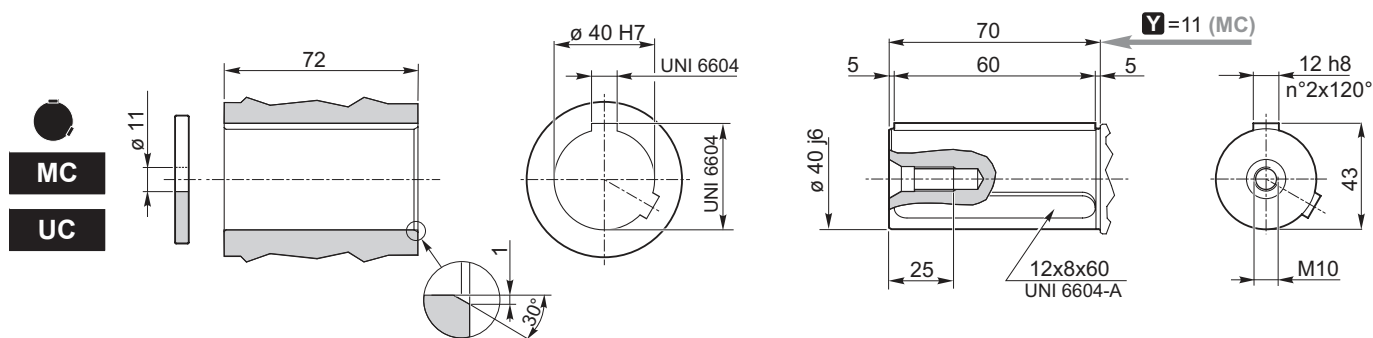
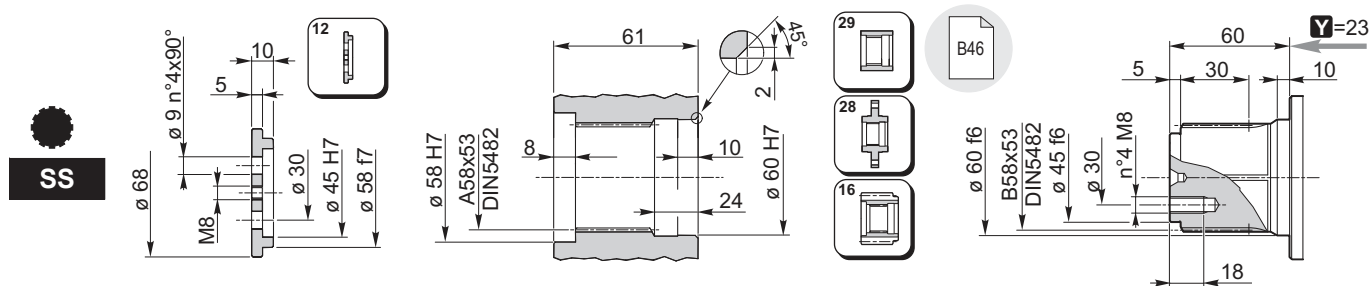
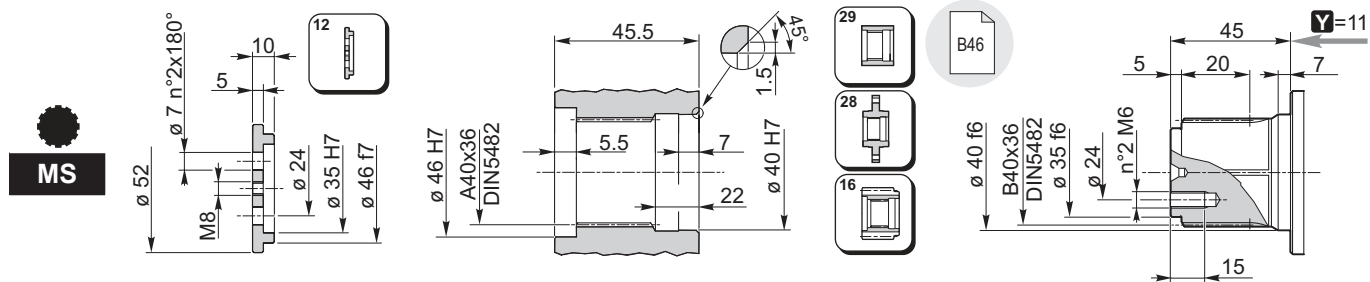


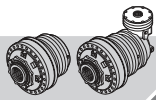
SC



UC



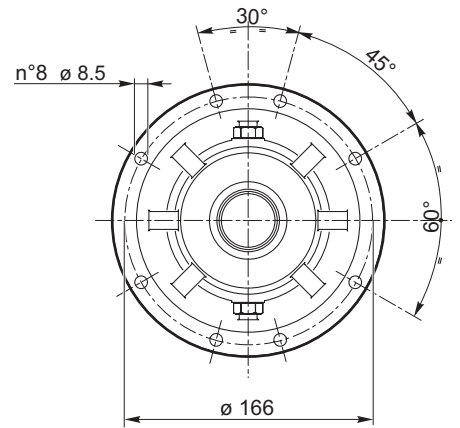
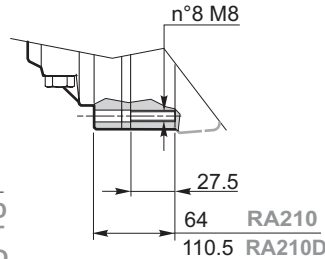
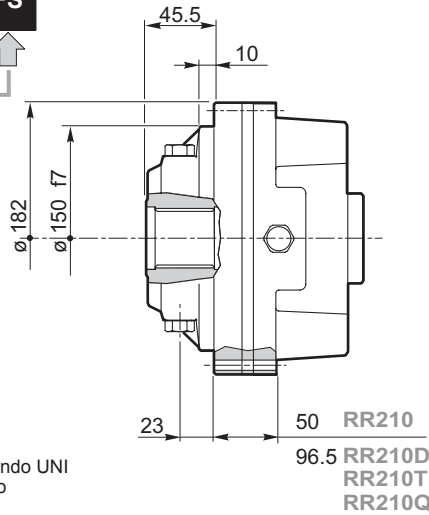




210

IT EN DE FR ES PT

RR210	..	i	FS
RA210			



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

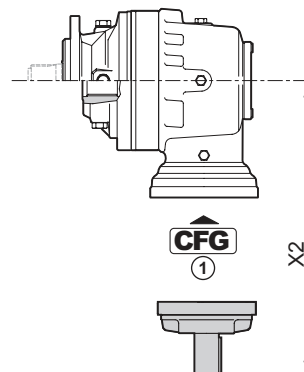
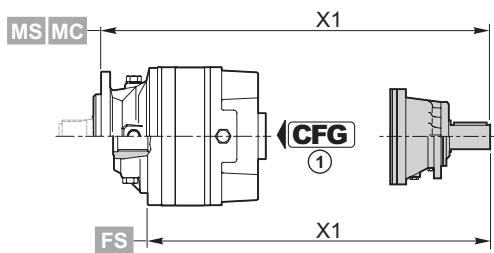
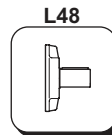
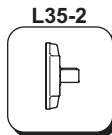
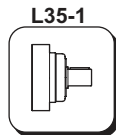
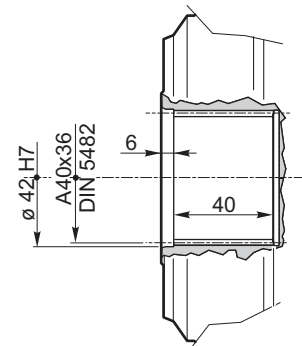
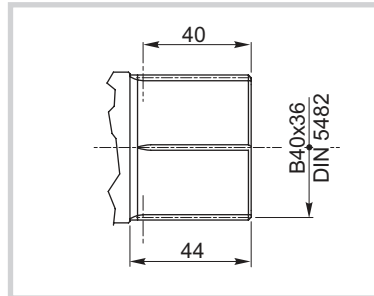
Heat treatment:
Induction hardening according to UNI 10932 on internal spline

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

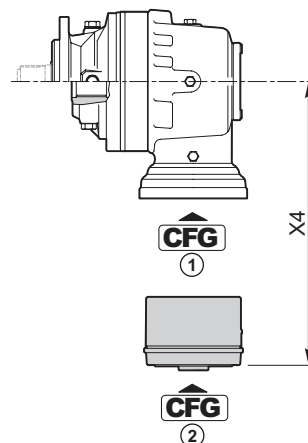
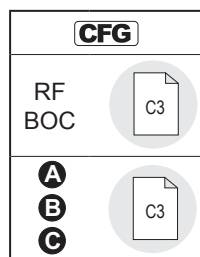
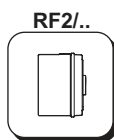
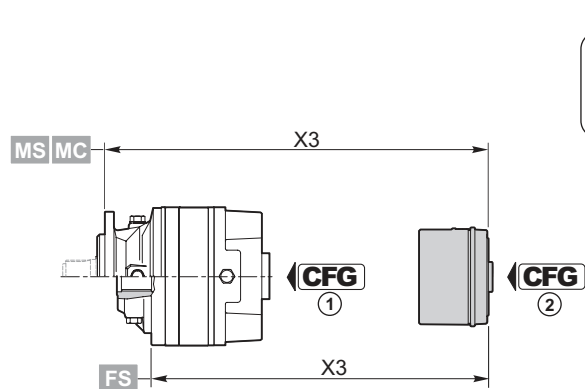
Tratamento térmico:
Tempera por indução segundo UNI 10932 sobre ranhuras internas



CFG
RF BOC
C3
A
B
C
C3

	CFG		code	X1
	1			
RR210	BOC	L48	154B3989M1	282.5 (M...) 221 (FS) 301.5 (S...)
RR210D	BOC	L35-2	154-2190M1	297 (M...) 235.5 (FS) 316.5 (S...)
RR210T	RF	L35-1	154B4054	313 (M...) 251.5 (FS) 332 (S...)
RR210Q	RF	L35-1	154B4054M1	335 (M...) 273.5 (FS) 354 (S...)

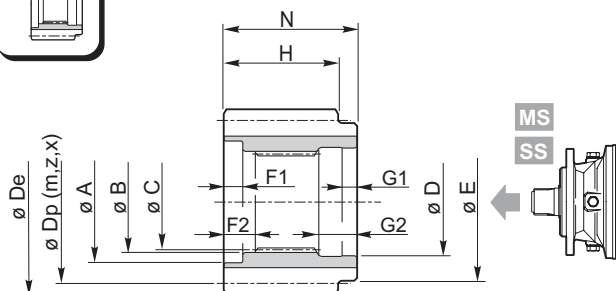
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	1			
RA210	BOC	L35-2	154-2190M1	270.5
RA210D	BOC	L35-2	154-2190M1	270.5



RF2/..	CFGB ①	T _f [Nm]	CFGB 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	X3	
RR210	RF	70	154-2838M1	199.5 (M...) 138 (FS) 218.5 (S...)	154-2863	154-2863M11	154-2635	154-2635M11	189.5 (M...) 128 (FS) 208.5 (S...)	
		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		
RR210D	RF	70	154-2838M1	246 (M...) 184.5 (FS) 265 (S...)	154-2863	154-2863M11	154-2635	154-2635M11	236 (M...) 174.5 (FS) 255 (S...)	
		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		

	CFGB ①	T _f [Nm]	CFGB 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	X3	
RR210T	RF	70	154-2832M1	291 (M...) 229.5 (FS) 310 (S...)	154-2858M1	154-2858M5			286.5 (M...) 225 (FS) 305.5 (S...)	
		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				
RR210Q	RF	70	154-2832M3	313 (M...) 251.5 (FS) 332 (S...)	154-2858M3	154-2858M7			308.5 (M...) 247.5 (FS) 327.5 (S...)	
		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				

	CFGB ①	T _f [Nm]	CFGB 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	X4	
RA210	RF	70	154-2838M12	223.8	154-2863M12	154-2863M13	154-2635M12		213.8	
		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			
RA210D	RF	70	154-2838M12	223.8	154-2863M12	154-2863M13	154-2635M12		213.8	
		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			



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

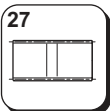
Wärmebehandlung:
Induktionshärtung nach UNI 10932 an interner Nut

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

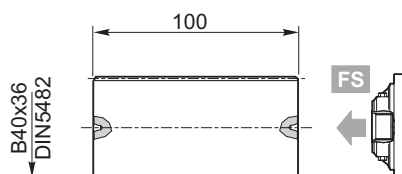
Tratamiento térmico:
Temple por inducción según UNI 10932 en acanalado interno

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
	53	46 F6	DIN5482 A40x36	40 F6	50	2	7.5	7	21	47.5	8	16	0.25	44.5	128	145	154-2707
SS	70	58 H7	DIN5482 A58x53	60 H7	72	7	13	12	27	68	4.5	18	0.4444	65	81	93	154-3106
	70	58 H7	DIN5482 A58x53	60 H7	68	7	13	10	27	68	5	17	0.4	65	85	98	154-2287
	70	58 H7	DIN5482 A58x53	60 H7	68	7	13	10	27	68	5	19	0	65	95	104	154-2286
	70	58 H7	DIN5482 A58x53	60 H7	75	7	13	12	27	68	6	14	0.5	65	84	101.5	154-3082
	70	58 H7	DIN5482 A58x53	60 H7	68	7	13	10	27	68	6	15	0.25	65	90	103	154-3107
	70	58 H7	DIN5482 A58x53	60 H7	68	7	13	10	27	68	6	16	0.25	65	96	109	154-3245
	70	58 H7	DIN5482 A58x53	60 H7	78	7	13	12	27	68	8	12	0.5	65	96	118	154-3074
	70	58 H7	DIN5482 A58x53	60 H7	68	7	13	10	27	68	8	14	0	65	112	126	154-3250
	70	58 H7	DIN5482 A58x53	60 H7	78	7	13	12	27	68	8	15	0	65	120	136	154-3246
	70	58 H7	DIN5482 A58x53	60 H7	68	7	13	10	27	68	8	15	0.25	65	120	138	154-3235
	70	58 H7	DIN5482 A58x53	60 H7	78	7	13	12	27	68	8	18	0	65	144	158	154-3103
	70	58 H7	DIN5482 A58x53	60 H7	78	7	13	12	27	68	10	10	0.25	65	100	124.5	154-3075
	70	58 H7	DIN5482 A58x53	60 H7	78	7	13	12	27	68	10	12	0.475	65	120	149.5	154-3105
	70	58 H7	DIN5482 A58x53	60 H7	68	7	13	10	27	68	10	15	0	65	150	167	154-3248

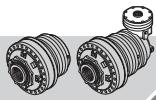


Kg 0.9



154-3050

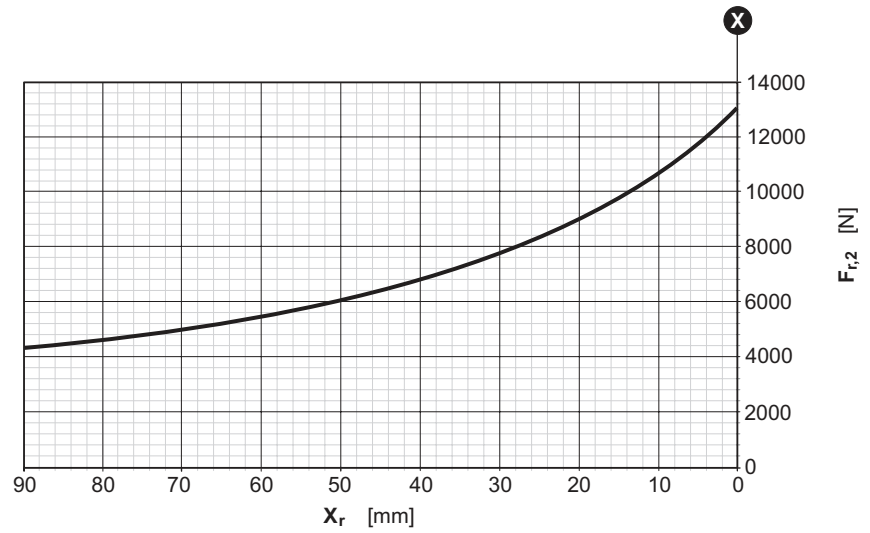
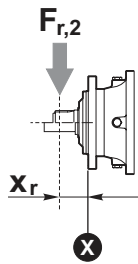
Materiale / Materiale / Material
Matériau / Material / Material:
Acciaio / Steel / Stahl / Acier / Acero / Aço
39NiCrMo3 UNI 7845 (1.6511)



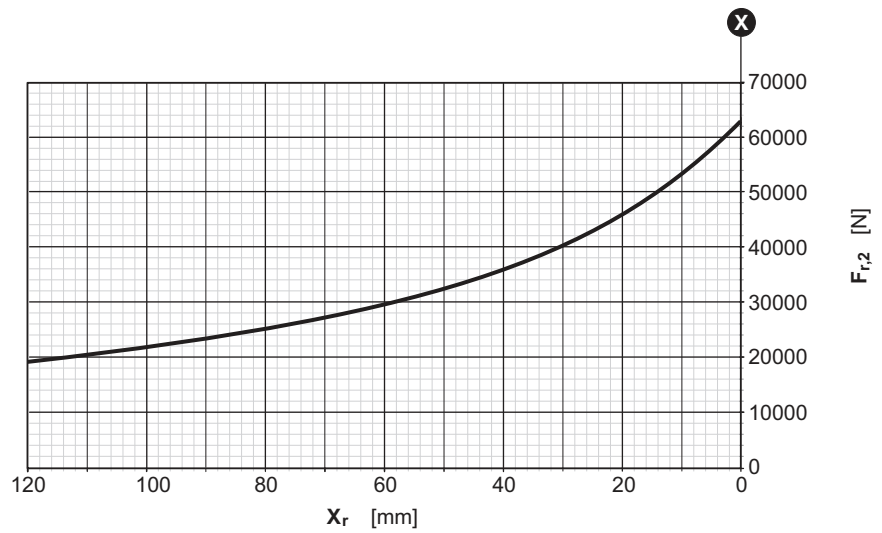
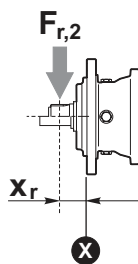
210

IT EN DE FR ES PT

RR	210	..	MS
RA			MC

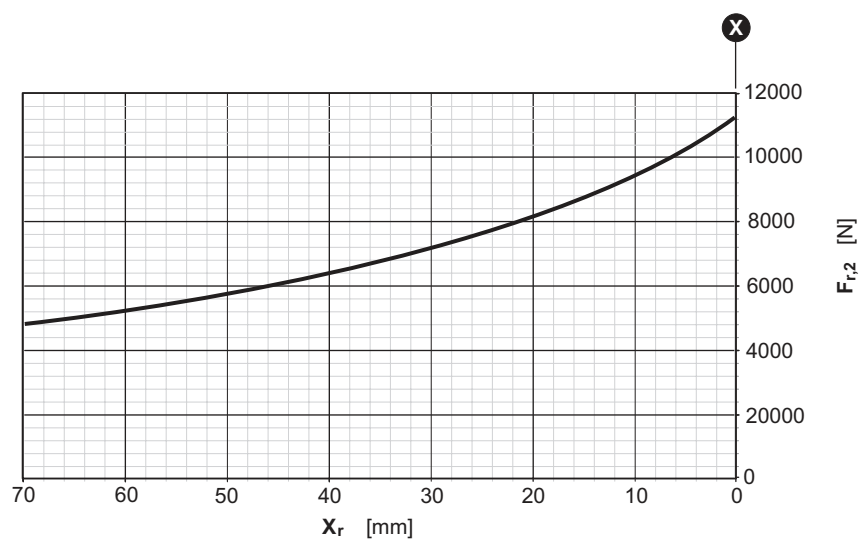
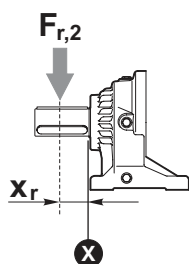


RR	210	..	SS
RA			SC





RR	210	..	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}

