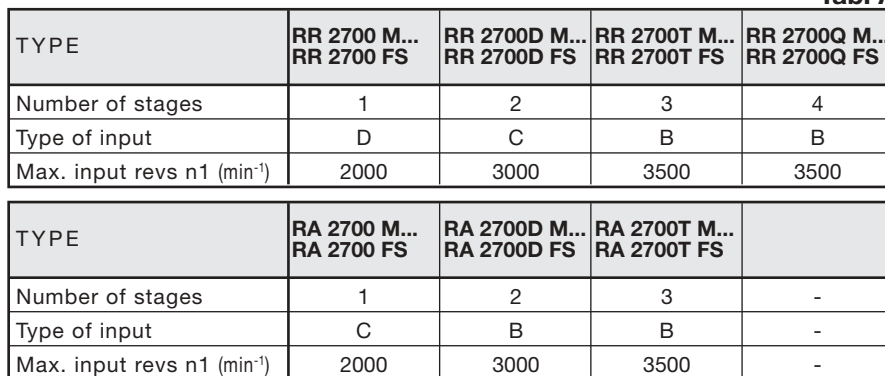


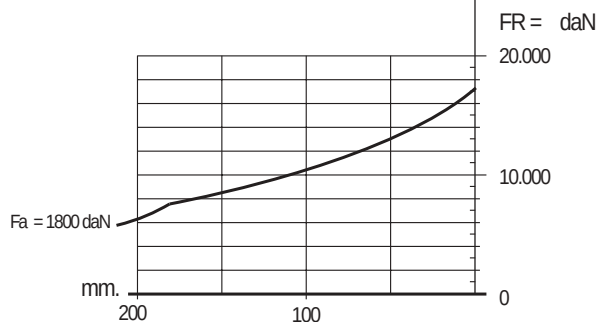
Tab. A

Technical drawing of a shaft-hub assembly with a key. The shaft has a diameter of 50 mm and a keyway with a width of 10 mm. The hub has a bore diameter of 50 mm and a keyway with a width of 12 mm. The key is a standard DIN 5482 key with a height of 10 mm. The assembly is shown in a cross-section view with dimensions in mm.

Technical drawing of a shaft-hub assembly showing dimensions for different shaft types. The drawing includes a cross-section of the shaft and hub, and a side view of the shaft.

Dimensions and labels:

- RR 2700T M = 366,5** (Total length)
- RR 2700D M = 298,5** (Length to end of hub)
- RR 2700 M = 205,5** (Length to end of shaft)
- RR 2700Q M = 432,5** (Length to end of shaft)
- 190** (Total length of shaft)
- 100** (Length of hub)
- 90** (Length of shaft)
- 15** (Length of hub)
- 34** (Length of hub)
- 112** (Length of shaft)
- Ø 357** (Shaft diameter)
- Ø 295 h7** (Hub bore diameter)
- Ø 297** (Shaft diameter)

[illegible]

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SIZE 2700 REDUCTION GEARS



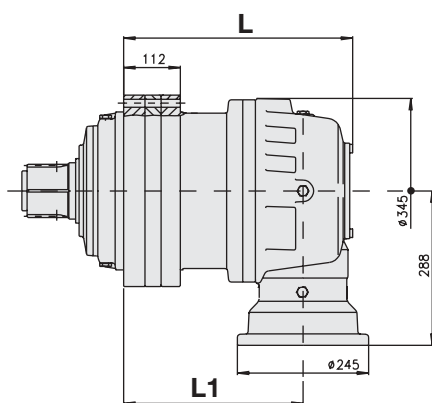
Tab. B

PART No. - RATIOS - TORQUES (ISO Standards)											
RR 2700 M... RR 2700 FS			RR 2700D M... RR 2700D FS			RR 2700T M... RR 2700T FS			RR 2700Q M... RR 2700Q FS		
PART. No. 2700/...	/1	T2 daNm	PART. No. 2700/...	/1	T2 daNm	PART. No. 2700/...	/1	T2 daNm	PART. No. 2700/...	/1	T2 daNm
40	4,05	2400	174	17,42	2400	696	69,66	2400	2856	285,61	2400
53	5,35	1650	221	22,15	2400	870	87,08	2400	3775	377,56	2400
65	6,54	1330	260	26,03	2400	1010	101,01	2400	4141	414,13	2400
			343	34,39	1650	1284	128,49	2400	5774	547,46	2400
			422	42,27	1650	1509	150,99	2400	6964	696,42	2400
			516	51,67	1330	1719	171,95	1650	8183	818,39	2400
			562	56,24	1330	1994	199,46	1650	10871	1087,15	2400
						2451	245,14	1650	12380	1238,03	1650
						2958	295,86	1650	13286	1328,64	1650
						3616	361,66	1330	17649	1764,99	1650
						3937	393,71	1330	21301	2130,16	1650
									26039	2603,97	1330
									28347	2834,70	1330

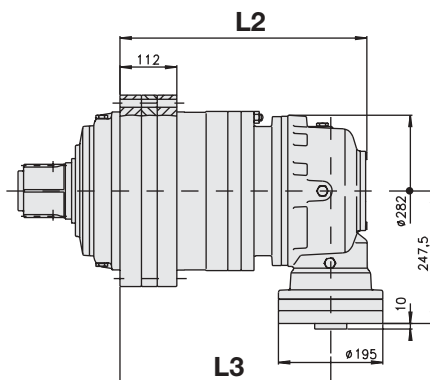
PART No. - RATIOS - TORQUES (ISO Standards)											
RA 2700 M... RA 2700 FS			RA 2700D M... RA 2700D FS			RA 2700T M... RA 2700T FS					
PART. No. 2700/...	/1	T2 daNm	PART. No. 2700/...	/1	T2 daNm	PART. No. 2700/...	/1	T2 daNm			
110	11,04	2400	696	69,66	2400	2243	224,31	2400			
145	14,59	1650	886	88,61	2400	2803	280,38	2400			
178	17,83	1330	1041	104,13	2400	3252	325,24	2400			
			1375	137,56	1650	4137	413,74	2400			
			1690	169,06	1650	4862	486,20	2400			
			2066	206,66	1330	5536	553,68	1650			
			2249	224,98	1330	6422	642,26	1650			
						7893	789,34	1650			
						9526	952,65	1650			
						11645	1164,55	1330			
						12677	1267,74	1330			
						13187	1318,71	1880			
						14355	1435,55	1680			
						15712	1571,26	1650			
						16558	1655,82	1330			
						17419	1741,99	1650			
						18963	1896,35	1650			
						19207	1920,76	1330			
						21294	2129,47	1330			
						23181	2318,15	1330			

MALE ANGULAR VERSION

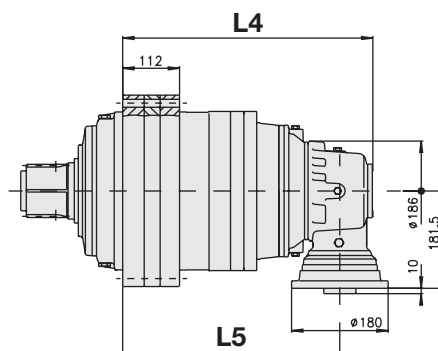
RA 2700 M...



RA 2700D M...



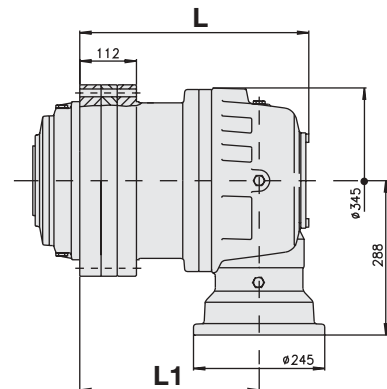
RA 2700T M...



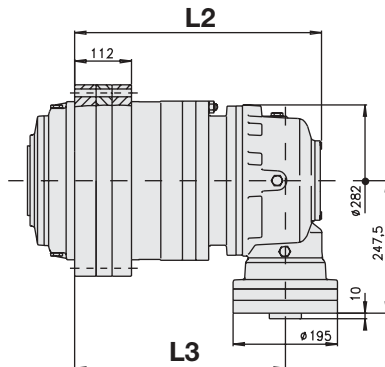
TYPE	L	L1	L2	L3	L4	L5
RA 2700 M...	431	340,5	-	-	-	-
RA 2700D M...	-	-	465	397,5	-	-
RA 2700T M...	-	-	-	-	476,5	414

FEMALE ANGULAR VERSION

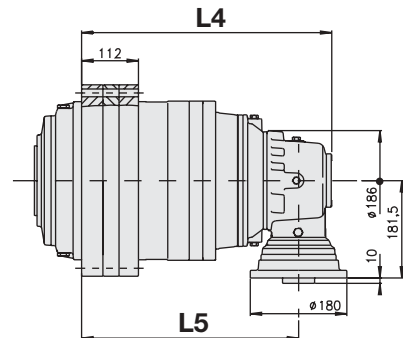
RA 2700 FS



RA 2700D FS



RA 2700T FS

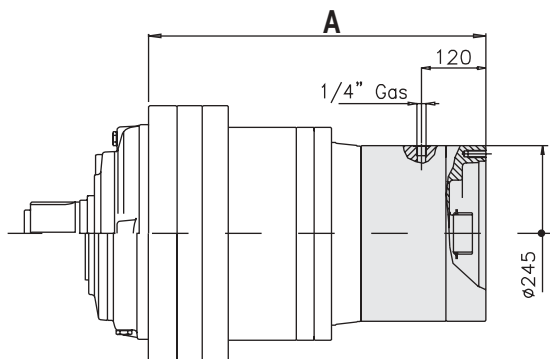
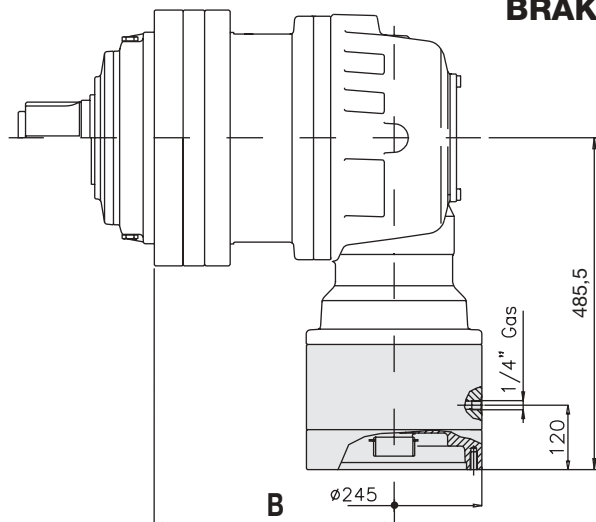


TYPE	L	L1	L2	L3	L4	L5
RA 2700 FS	432	340,5	-	-	-	-
RA 2700D FS	-	-	465	397,5	-	-
RA 2700T FS	-	-	-	-	476,5	414

SEE THE INPUT DIMENSIONS ON PAGE 148

RA /// **SIZE 2700 REDUCTION GEARS** ///

BRAKES SERIES RF 170 ÷ 290

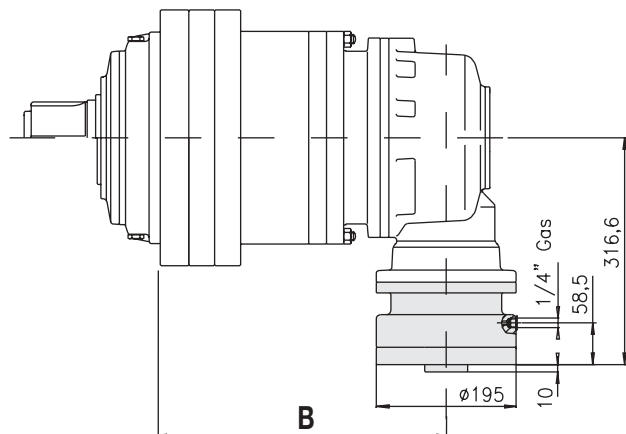
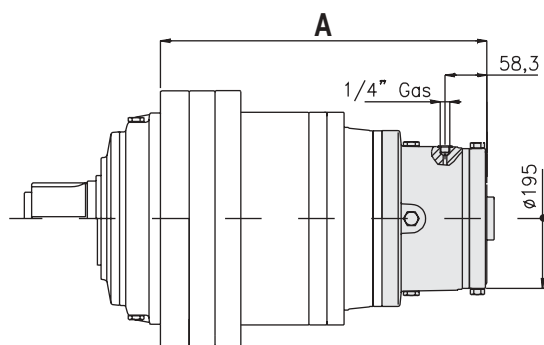


TYPE	A	B
RA 2700 M...	-	340,5
RR 2700D M...	496	-
RA 2700 FS	-	340,5
RR 2700D FS	496	-

Ambient temperature	-20°C ÷ +5°C	+5°C ÷ +40°C	+30°C ÷ +65°C	+40°C ÷ +65°C	OIL QUANTITY lt.		Mass
					Horiz.	Vert.	
VISCOSITY	VG 32 2,8.. 3,2°E/50°C				0,45	0,90	Kg 43

CODE		170	200	230	290
Static torque	da Nm	170	198	226	283
Min. opening pressure	bar	25 ÷ 27	22 ÷ 24	25 ÷ 27	25 ÷ 27
Max. opening pressure	bar	300			
Minimum oil capacity for brake opening	cm³	27 ÷ 30			

BRAKES SERIES RF 5/21 ÷ 5/130 - RFF 5/21 ÷ 5/130

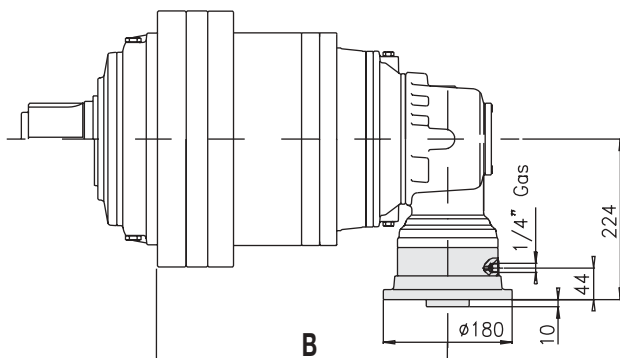
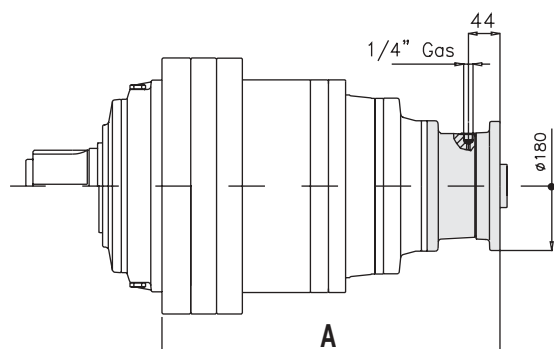


TYPE	A	B
RA 2700D M...	-	397,5
RR 2700T M...	457	-
RA 2700D FS	-	397,5
RR 2700T FS	457	-

Ambient temperature	-20°C ÷ +5°C	+5°C ÷ +40°C	+30°C ÷ +65°C	+40°C ÷ +65°C	OIL QUANTITY lt.		Mass
					Horiz.	Vert.	
VISCOSITY	VG 32 2,8.. 3,2°E/50°C				0,30	0,60	Kg 21

CODE		21	29	43	65	85	110	130
Static torque	da Nm	18 ÷ 23	28 ÷ 33	42 ÷ 46	61 ÷ 70	83 ÷ 92	108 ÷ 118	126 ÷ 136
Min. opening pressure	bar	4 ÷ 5	6 ÷ 7	9 ÷ 10	13 ÷ 15	18 ÷ 20	23 ÷ 25	27 ÷ 29
Max. opening pressure	bar	300						
Minimum oil capacity for brake opening	cm³	8 ÷ 9						

BRAKES SERIES RF 2/7 ÷ 2/60



TYPE	A	B
RR 2700T M...	429,5	-
RA 2700T M...	-	414
RR 2700T FS	429,5	-
RA 2700T FS	-	414
RR 2700Q M...	471	-
RR 2700Q FS	471	-

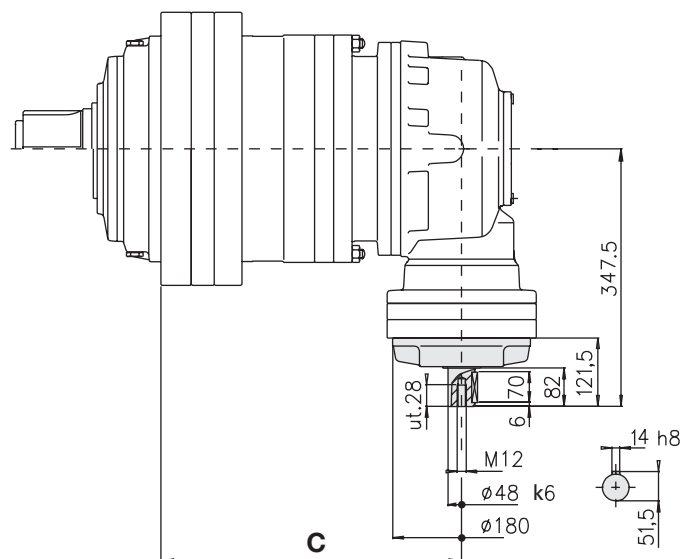
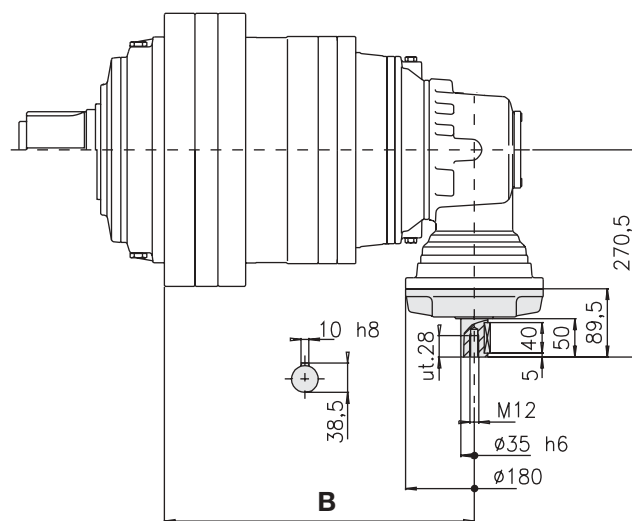
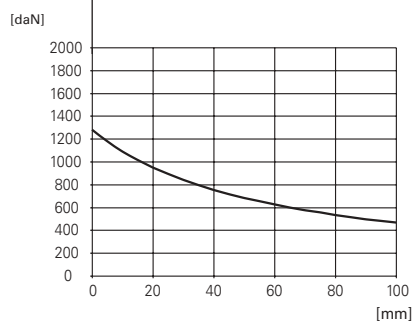
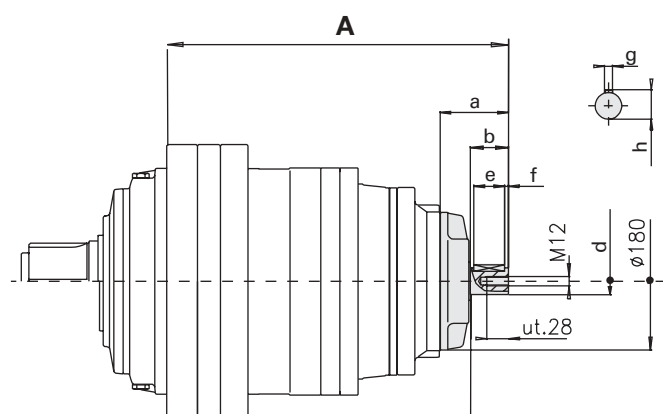
Ambient temperature	-20°C ÷ +60°C	Mass
VISCOSITY	VG 150 10,8.. 12,5°E/50°C	
		Kg 10,5

CODE		2/7	2/14	2/21	2/32	2/43	2/60
Static torque	da Nm	6 ÷ 8	13 ÷ 15	20 ÷ 22	31 ÷ 34	41 ÷ 45	57 ÷ 60
Min. opening pressure	bar	4 ÷ 5	8 ÷ 9	12 ÷ 13	18 ÷ 20	24 ÷ 26	27 ÷ 32
Max. opening pressure	bar	300					
Minimum oil capacity for brake opening	cm³	7 ÷ 8					

SEE THE INPUT DIMENSIONS ON PAGE 149

////// **SIZE 2700 REDUCTION GEARS** ////

SERIES L MALE LIGHT INPUT



TYPE	A	a	b	d	e	f	g	h
RR 2700T M...	488	121,5	82	48 k6	70	6	14 h8	51,5
RR 2700Q M...	522	89,5	50	35 h6	40	5	10 h8	38,5
RR 2700T FS	488	121,5	82	48 k6	70	6	14 h8	51,5
RR 2700Q FS	522	89,5	50	35 h6	40	5	10 h8	38,5

TYPE	B	C
RA 2700D M...	-	397,5
RA 2700T M...	414	-
RA 2700D FS	-	397,5
RA 2700T FS	414	-

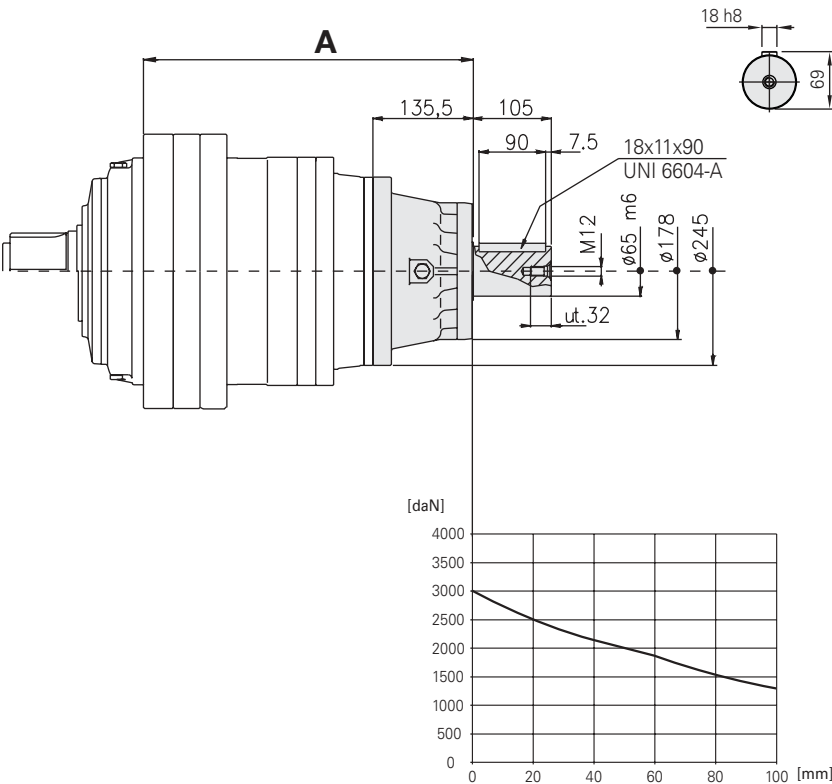
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SIZE 2700 REDUCTION GEARS

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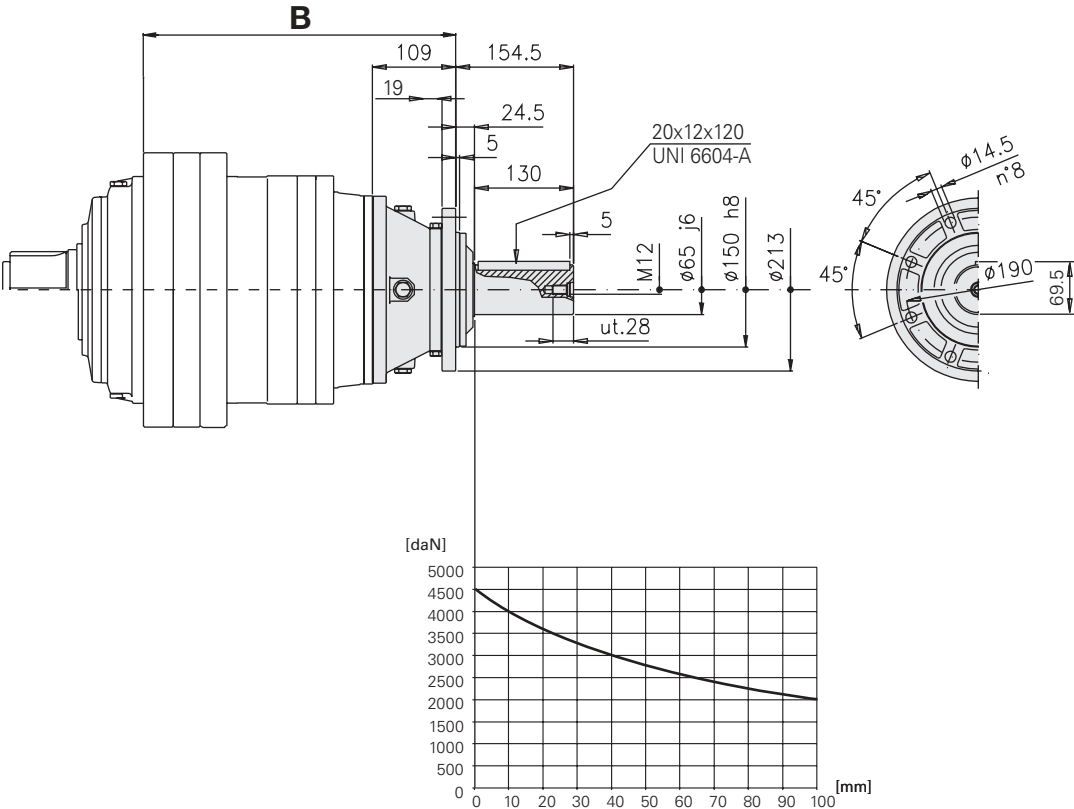
SERIES M MALE MEDIUM INPUT

WITHOUT FLANGE



TYPE	A
RR 2700T M...	446
RR 2700T FS	446

WITH FLANGE



TYPE	B
RR 2700T M...	419,5
RR 2700T FS	419,5

////// **SIZE 2700 REDUCTION GEARS** ////

SERIES P MALE HEAVY INPUT

