

Final Drives Small

Standard features

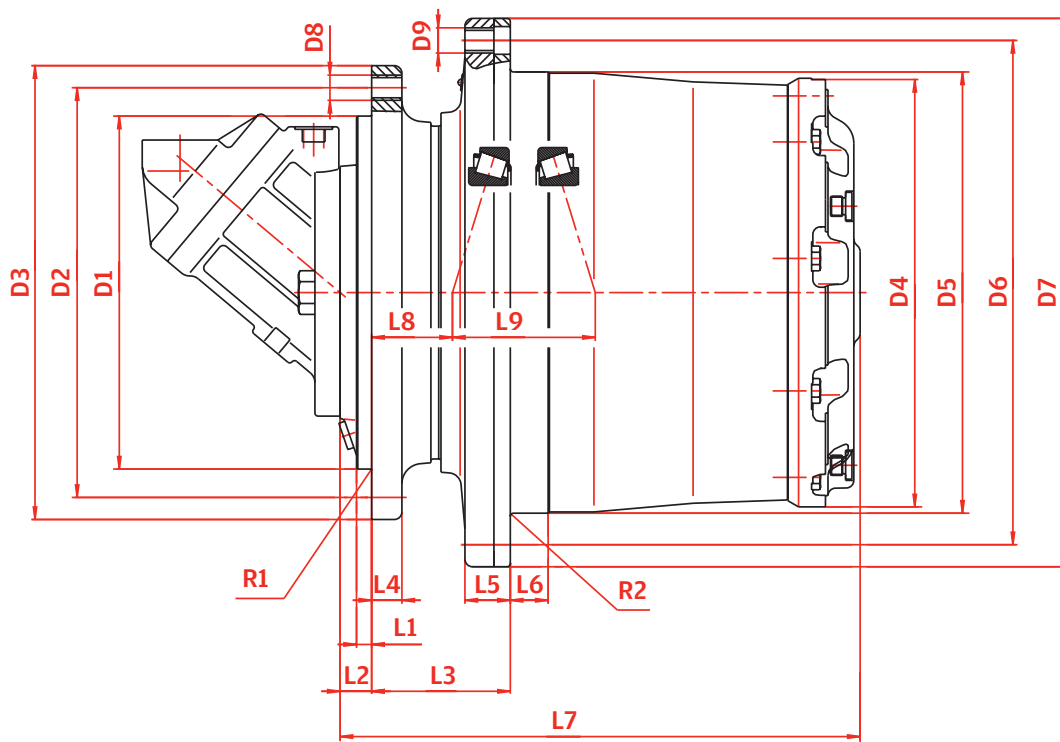
- › Compact structure
- › High performance
- › 3-7 Planetary wheels per stage
- › Notchless ground tooth root
- › Different ratios
- › Integrated disc-brake
- › High availability by highest teeth and production quality

Proven applications

- › Track drives
- › Chain drives
- › Wheel drives
- › Reel and winchdrives
- › Road cutter drum drives

Special executions on request

- › Mechanical disconnect device



		F 5	F10A	F13A	FD 20	F 30	F 30K
Output torque ²	kNm	5	10	13	20	30	30
Ratio ³	i	30	35	93 (41) ¹	81	61 (19) ¹	61 (19) ¹
		35	51	108	90	66 (32) ¹	66 (32) ¹
		53	65	122	101	81	81
				140	137	90	90
				178	171	101	101
				229	228	114	114
						121	121
						137	137
				171	171		
				228	228		
				305	305		
CAPACITY OF BEARING							
C-dynamic	kN	194	132	132	194/194	132/194	132/194
Co-static	kN	315	255	255	325/315	255/325	255/325
Weigh ⁵	kg	43	45	50	72	94	94
MULTI-DISK BRAKE							
Locking torque	Nm		200	200	300	300 (255; 400) ⁴	300 (255; 400) ⁴
Release pressure min.	bar		17	17	16	16 (16; 22) ⁴	16 (16; 22) ⁴
Hydraulic motor plug in fixed	ccm		28	28	28	40	28
			30	30	30	45	30
			32	32	32	56	32
					60		
					63		
plug in variable	ccm		28	28	28	55	28
			45	45	45	60	45
DIMENSIONS							
L 1	mm	8	10	10	10	13	13
L 2	mm	8	30	30	41	25	22
L 3	mm	70	72	72	75	75	75
L 4	mm	19	13.5	13.5	15	15	15
L 5	mm	18.5	15	15	28	29	29
L 6	mm	20	16	16	25	25	25
L 7	mm	220	230	255	300	323 (278) ¹	320 (275) ¹
L 8	mm	38.4	28	28	15.3	28.5	28.5
L 9	mm	80.2	79	79	86.3	89	89
R 1	mm	0.6	0.6	0.6	2.5	2.5	2.5
R 2	mm	0.6	0.6	0.6	2.5	2.5	2.5
D 1	mm	165	190	190	240	240	240
D 2	mm	192	230	230	275	275	275
D 3	mm	215	256	256	304	304	304
D 4	mm	190	216	216	250	269	269
D 5	mm	204	220	220	270	270	270
D 6	mm	232	260	260	305	305	305
D 7	mm	255	290	290	335	335	335
D 8 / D 9	M	12/12	16/16	16/16	16/16	16/16	16/16
Qty. D 8 / D 9		9/9	12/8	12/8	18/18	18/18	18/18

1) 2-stage

2) Stated torques are peak values for short duration

3) Other ratios on demand

4) Optional brake torques

5) Without Hydraulic motor

Final Drives Medium

Standard features

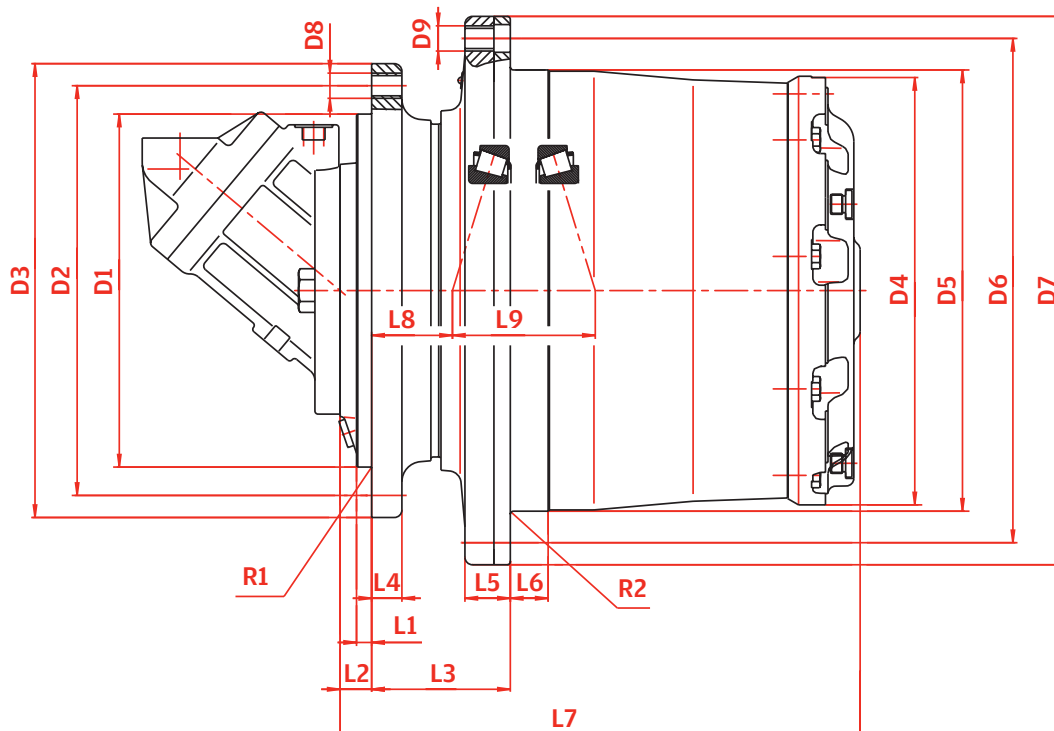
- › Compact structure
- › High performance
- › 3-7 Planetary wheels per stage
- › Notchless ground tooth root
- › Different ratios
- › Integrated disc-brake
- › High availability by highest teeth and production quality

Proven applications

- › Track drives
- › Chain drives
- › Wheel drives
- › Reel and winchdrives
- › Road cutter drum drives

Special executions on request

- › Mechanical disconnect device



		F40	F40A	F 55	F 55A	F 55B
Output torque ²	kNm	40	40	55	55	55
Ratio ³	i	61 (19) ¹	61 (19) ¹	63 (16) ¹	63 (16) ¹	63 (16) ¹
		66 (22) ¹	66 (22) ¹	68 (19) ¹	68 (19) ¹	68 (19) ¹
		81 (26) ¹	81 (26) ¹	87 (22) ¹	87 (22) ¹	87 (22) ¹
		85 (32) ¹	85 (32) ¹	94 (32) ¹	94 (32) ¹	94 (32) ¹
		101	101	117	117	117
		110	110	124	124	124
		117	117	137	137	137
		124	124	148	148	148
		142	142	185	185	185
		181	181			
CAPACITY OF BEARING						
C-dynamic	kN	224	224	224	224	224
Co-static	kN	405	405	405	405	405
Weight ⁵	kg	115	123	165	177	181
PARK BRAKE						
Locking torque	Nm	420	420	420 (390; 500) ⁴	420 (390; 500) ⁴	420 (390; 500) ⁴
Release pressure min.	bar	18	18	15 (15; 21) ⁴	15 (15; 21) ⁴	15 (15; 21) ⁴
HYDRAULIC MOTOR						
plug in fixed	ccm	40	80	80	40	/
		45	90	90	45	
		56			56	
		60			60	
		63			63	
plug in variable	ccm	55	80	80	55	107
		60			60	110
DIMENSIONS						
L 1	mm	16	13	12	20	12
L 2	mm	16	35	25	30	37
L 3	mm	91	91	110	91	110
L 4	mm	21	21	24	24	24
L 5	mm	34	34	36	36	36
L 6	mm	26	26	30	30	30
L 7	mm	338 (308) ¹	357 (327) ¹	413 (374) ¹	399 (360) ¹	425 (386) ¹
L 8	mm	38	38	64	45	64
L 9	mm	100	100	113	113	113
R 1	mm	2.5	2.5	1	4	1
R 2	mm	2.5	2.5	2.5	2.5	2.5
D 1	mm	240	270	280	240	290
D 2	mm	285	310	325	285	335
D 3	mm	320	345	360	320	370
D 4	mm	294	294	340	340	340
D 5	mm	295	295	350	350	350
D 6	mm	335	335	400	400	400
D 7	mm	370	370	435	435	435
D 8 / D 9	M	20x1.5 16x1.5	20x1.5 16x1.5	20x1.5	20x1.5	20x1.5
Qty. D 8 / D 9		20/20	16/20	24/20	20/20	20/20

1) 2-stage

2) Stated torques are peak values for short duration

3) Other ratios on demand

4) Optional brake torques

5) Without Hydraulic motor

Final Drives Medium

Standard features

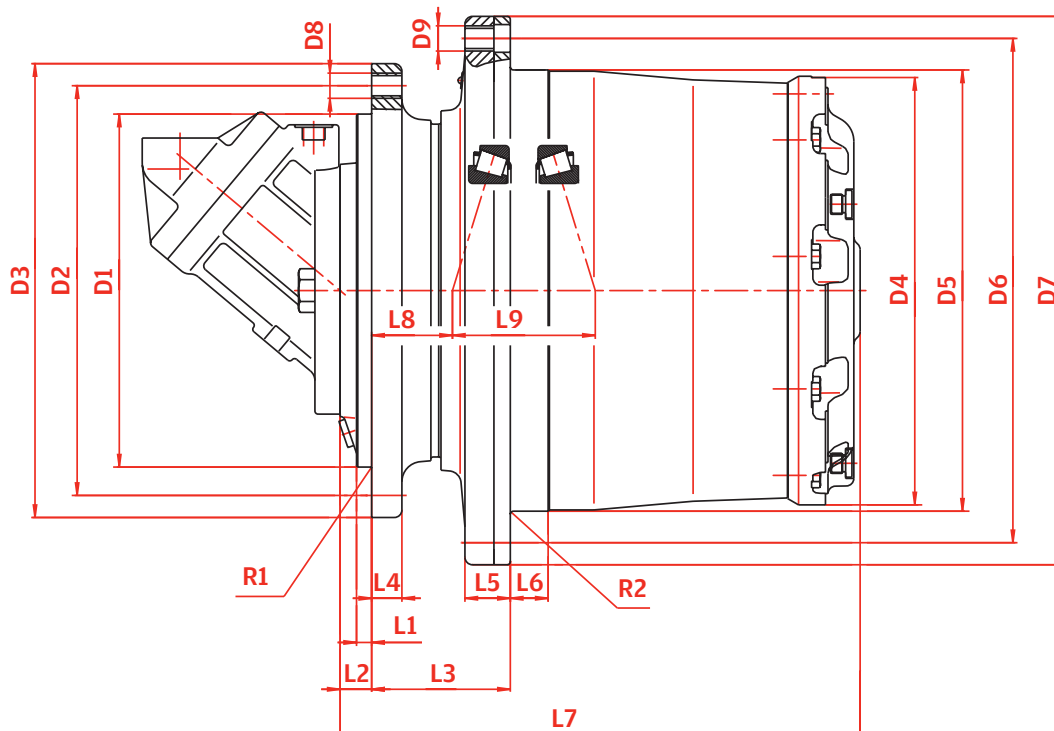
- › Compact structure
- › High performance
- › 3-7 Planetary wheels per stage
- › Notchless ground tooth root
- › Different ratios
- › Integrated disc-brake
- › High availability by highest teeth and production quality

Proven applications

- › Track drives
- › Chain drives
- › Wheel drives
- › Reel and winchdrives
- › Road cutter drum drives

Special executions on request

- › Mechanical disconnect device



		F 80	F80A	F80B	F 100	F 100B
Output torque ²	kNm	80	80	80	100	100
Ratio ³	i	61 (19) ¹	61 (19) ¹	61 (19) ¹	77 (21) ¹	77 (21) ¹
		81	81	81	84 (22) ¹	84 (22) ¹
		101	101	101	95 (32) ¹	95 (32) ¹
		114	114	114	121	121
		121	121	121	142	142
		137	137	137	175	175
		147	147	147	192	192
		171	171	171	226	226
		187	187	187		
		206	206	206		
CAPACITY OF BEARING						
C-dynamic	kN	300	300	300	498	498
Co-static	kN	570	570	570	1010	1010
Weight ⁵	kg	230	227	228	325	338
PARK BRAKE						
Locking torque	Nm	600 (375; 550; 1000) ⁴	600 (375; 550; 1000) ⁴	600 (375; 550; 1000) ⁴	600 (900) ⁴	600 (900) ⁴
Release pressure min.	bar	18 (18; 19; 28) ⁴	18 (18; 19; 28) ⁴	18 (18; 19; 28) ⁴	13 (13) ⁴	13 (13) ⁴
HYDRAULIC MOTOR						
plug in fixed	ccm	107	80	160	107	160
		110	90	180	125	180
		125				
plug in variable	ccm	80	107	160	107	160
			110		110	
DIMENSIONS						
L 1	mm	20	20	20	35	37
L 2	mm	35	35	35	35	37
L 3	mm	90	90	90	165	165
L 4	mm	22	22	22	28	28
L 5	mm	37	37	37	53	53
L 6	mm	24	24	24	43	43
L 7	mm	415	415	415	461	463
L 8	mm	34	34	34	32	32
L 9	mm	123	123	123	139	139
R 1	mm	4	4	4	10/60	12/60
R 2	mm	2.5	2.5	2.5	5	5
D 1	mm	330	330	330	390	390
D 2	mm	370	370	370	460	460
D 3	mm	410	410	410	500	500
D 4	mm	374	374	374	407	407
D 5	mm	400	400	400	408	408
D 6	mm	450	450	450	460	460
D 7	mm	490	490	490	500	500
D 8 / D 9	M	24x2	24x2	24x2	24x2	24x2
Qty. D 8 / D 9		20/20	20/20	20/20	30/24	30/24

1) 2-stage

2) Stated torques are peak values for short duration

3) Other ratios on demand

4) Optional brake torques

5) Without Hydraulic motor