

Travel drives



FP Series

Final drives angular input

The FP Series are perfectly suitable with any crawler, large excavators and crushers. Thanks to compact, rugged design, high torque and load capabilities, these solutions are the best possible option for the machine. All units are available with a fail-safe parking brake. Different disengagement systems are available on demand for all the sizes.



HYDRAULIC SOLUTIONS

Gear ratios

- 248 ... 825

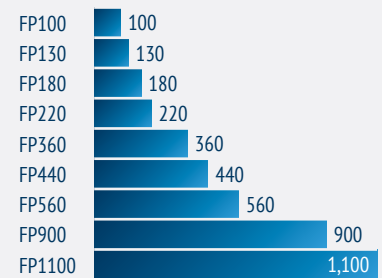
Standard features

- Compact structure
- High performance
- 3-7 Planetary wheels per stage
- Notchless ground tooth root
- Different ratios
- Integrated disc-brake

Special executions on request

- Mechanical disconnect device
- Low and high temperature version

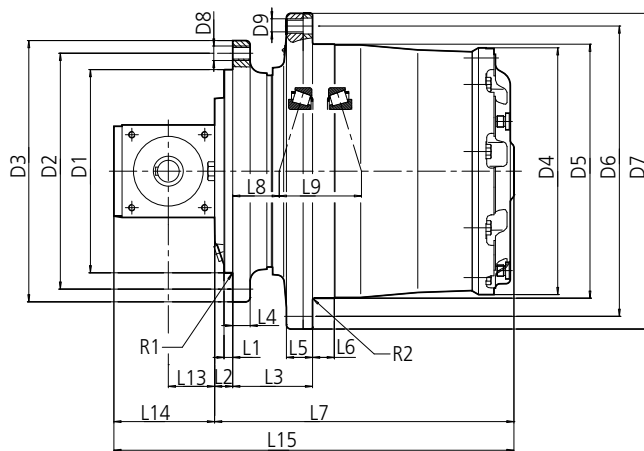
Torque (kNm)



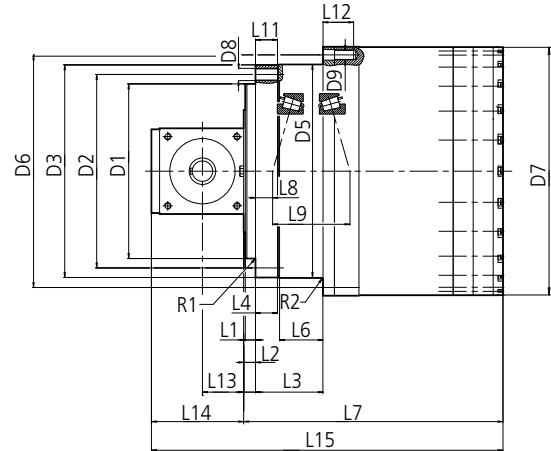
Stated torques are peak values for short duration.

Overall dimensions and technical data

Type	Ratio ¹	Version ²	Capacity of Bearing		Weight	Park Brake Optional	
			C-dynamic	Co-static		Locking torque ³	Release pressure min.
	i		kN	kN	kg	Nm	bar
FP100	426	ST	498	1,010	410	600	15
FP130	825	ST	523	980	452	750	19
FP180	412	ST	787	1,650	757	1,375	35
FP220	248	ST	765	1,660	915	1,200	15
FP360	446	ST	1,040	2,450	1,065	1,700	12
FP440	528	CC	1,040	2,450	1,300	1,700	15
FP560	450	CC	1,040	2,450	2,222	900	13
FP900	406	CC	2,800	6,390	3,750	-	-
FP1100	1,088	ST	3,900	7,650	7,684	-	-



Standard input version - ST



Crawler crane version - CC

Type	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	L11	L12	L13 ⁴	L14 ⁴	L15 ⁴	L16 ⁴	L17 ⁴	R1	R2	D1	D2	D3	D4	D5	D6	D7	D8	D9	Qty. D8/D9	D10 ⁴	D10 Key ⁴
FP100	35	65	165	28	53	43	463	32	139	-	-	-	115	215	678	60	215	12/60	5	390	460	500	407	408	460	500	M24x2	M24x2	30/24	40	DIN6885 (A12x8x50)
FP130	45	45	190	35	58	45	530	50.5	147	-	-	-	311	411	941	60	215	25	4	390	500	550	449	450	500	550	M24x2	M24x2	32/32	40	
FP180	30	30	168	40	56	21.5	534.5	50.3	141.4	-	-	-	437.5	542.5	1077	75	265	4	3	450	510	560	528	535	600	650	M24x2	M27x2	20/30	50	DIN6885 (A14x9x70)
FP220	18	52	166.5	40	61	35	580.5	16	187.5	-	-	-	448	593	1173.5	85	300	35°/16/16	4	460	600	650	540	542	600	650	M24x2	M24x2	38/38	55	DIN6885 (A16x10x80)
FP360	100	100	130	40	60	60	657.5	25	215	-	-	-	380	545	1202.5	110	387	18°/100/16	10	580	680	735	649.5	650	720	775	M30x3.5	M30x3.5	30/30	60	DIN6885 (A18x11x100)
FP440	40	43	255	40	-	120	814	80	213	-	40	70	255	400	1214	85	300	4	4	450	515	569	-	570	620	670	M36x1.5	M30x2	29/42	55	DIN6885 (A16x10x80)
FP560	40	43	255	45	-	120	831.5	80	213	-	45	70	857	1104	1935.5	160	570	4	4	450	515	569	-	570	620	763	M36x1.5	M30x1.5	29/42	90	DIN6885 (A25x14x150)
FP900	30	33	405	96	-	306	965	129	258.5	-	50	68	612	859	1824	120	540	4	5	668	726	779	-	780	850	900	M36x1.5	M36x1.5	30/45	75	
FP1100	54	60	503	74	-	326	1429	179	368	-	-	-	-	-	-	-	-	4	5	1110	1230	1310	1116	1100	1170	1226	M36	M30	48/52	60	DIN6885 (A18x11x100)

1) Other ratios on demand
2) ST= Standard CC= Crawler Crane

3) Optional brake torques
4) Other dimensions optional