

DYSTRYBUTOR



TECHNICAL

GRZEGORZ TĘGOS

TECHNIKA NAPĘDU I TRANSMISJI MOCY

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**Reduktory ślimakowe
podwójne z wałem
wejściowym pełnym
seria LP i LB**



PUJOL

Gear Solutions

50
years

PUJOL brand
marca PUJOL

1965 - 2015

REDUCTORES

Series "LP-LB" doubles
Ejes libres

GETRIEBE

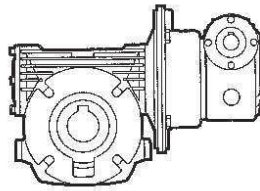
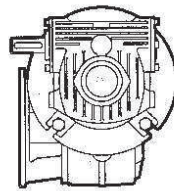
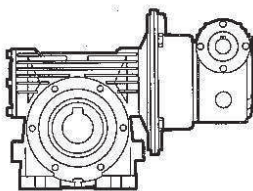
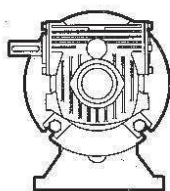
Serien "LP-LB"
Freie Wellenenden

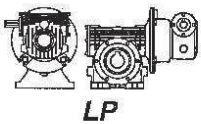
GEARED UNITS

Series double worm "LP-LB"
Bare shaft ends

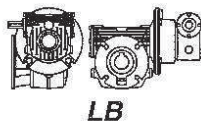
REDUCTEURS

Séries "LP-LB" doubles
Axes libres





LP



LB



PROGRAMA DE FABRICACIÓN

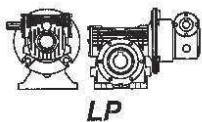
FERTIGUNGSPROGRAMM

MANUFACTURE PROGRAMME

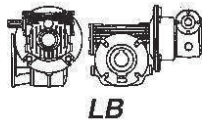
PROGRAMME DE FABRICATION

Valores para $n_1 = 1440$ Werte für $n_1 = 1440$ Values for $n_1 = 1440$ Valeurs pour $n_1 = 1440$

M_2 (max) [Nm]	iR	P [kW]	n_2 [1/min]	Tipo Typ Type Type	Código Referenz Ref. Réf.
1593	5000	0.161	0.3	LP 61-130/5000 LB 61-130/5000	3050110610 3051110610
1784	4000	0.213	0.4	LP 61-130/4000 LB 61-130/4000	3050110810 3051110810
1784	3200	0.243	0.5	LP 61-130/3200 LB 61-130/3200	3050111010 3051111010
1484	3000	0.224	0.5	LP 61-130/3000 LB 61-130/3000	3050111110 3051111110
1784	2600	0.276	0.6	LP 61-130/2600 LB 61-130/2600	3050111310 3051111310
1834	2400	0.316	0.6	LP 61-130/2400 LB 61-130/2400	3050111510 3051111510
2052	1950	0.402	0.7	LP 61-130/1950 LB 61-130/1950	3050111810 3051111810
2052	1500	0.480	1	LP 61-130/1500 LP 61-130/1500	3050112100 3051112100
1743	1300	0.452	1.1	LP 61-130/1300 LB 61-130/1300	3050112510 3051112510
2052	1200	0.572	1.2	LP 61-130/1200 LB 61-130/1200	3050112710 3051112710
1753	1000	0.543	1.4	LP 61-130/1000 LB 61-130/1000	3050112910 3051112910
1359	975	0.452	1.5	LP 61-130/975 LB 61-130/975	3050113010 3051113010
2052	870	0.731	1.7	LP 61-130/870 LB 61-130/870	3050113210 3051113210
1784	800	0.658	1.8	LP 61-130/800 LB 61-130/800	3050113410 3051113410
2052	600	0.956	2.4	LP 61-130/600 LB 61-130/600	3050115100 3051115100
1753	580	0.827	2.5	LP 61-130/580 LB 61-130/580	3050113910 3051113910
1593	500	0.910	2.9	LP 61-130/500 LB 61-130/500	3050114210 3051114210
1699	435	1.028	3.3	LP 61-130/435 LB 61-130/435	3050114310 3051114310
1753	400	1.082	3.6	LP 61-130/400 LB 61-130/400	3050114410 3051114410
2052	300	1.752	4.8	LP 61-130/300 LB 61-130/300	3050114810 3051114810
1194	290	1.028	5	LP 61-130/290 LB 61-130/290	3050114910 3051114910
1593	250	1.761	5.8	LP 61-130/250 LB 61-130/250	3050115110 3051115110
1638	225	1.657	6.4	LP 61-130/225 LB 61-130/225	3050115210 3051115210
1784	200	2.332	7.2	LP 61-130/200 LB 61-130/200	3050115310 3051115310
1608	150	2.655	9.6	LP 61-130/150 LB 61-130/150	3050114400 3051114400
624	145	1.028	9.9	LP 61-130/145 LB 61-130/145	3050115610 3051115610
1214	100	2.655	14	LP 61-130/100 LB 61-130/100	3050115710 3051115710
947	75	2.655	19	LP 61-130/75 LB 61-130/75	3050115910 3051115910



LP



LB



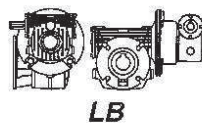
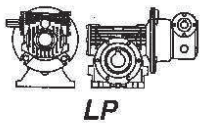
PROGRAMA DE FABRICACIÓN

FERTIGUNGSPROGRAMM

MANUFACTURE PROGRAMME

PROGRAMME DE FABRICATION

Valores para $n_1 = 1440$		Werte für $n_1 = 1440$		Values for $n_1 = 1440$		Valeurs pour $n_1 = 1440$	
M_2 (max) [Nm]	i_R	P [kW]	n_2 [1/min]	Tipo Typ Type Type	Código Referenz Ref. Réf.		
665	50	2.655	29	LP 61-130/50 LB 61-130/50	3050116010 3051116010		
348	25	2.655	58	LP 61-130/25 LB 61-130/25	3050116110 3051116110		
1076	4000	0.138	0.4	LP 61-110/4000 LB 61-110/4000	3050090810 3051090810		
1289	3000	0.202	0.5	LP 61-110/3000 LB 61-110/3000	3050091110 3051091110		
1289	2400	0.231	0.6	LP 61-110/2400 LB 61-110/2400	3050091510 3051091510		
1289	1950	0.263	0.7	LP 61-110/1950 LB 61-110/1950	3050091810 3051091810		
1056	1300	0.284	1.1	LP 61-110/1300 LB 61-110/1300	3050092510 3051092510		
1132	975	0.391	1.5	LP 61-110/975 LB 61-110/975	3050093010 3051093010		
1076	800	0.427	1.8	LP 61-110/800 LB 61-110/800	3050093410 3051093410		
1132	750	0.467	1.9	LP 61-110/750 LB 61-110/750	3050093610 3051093610		
935	650	0.452	2.2	LP 61-110/650 LB 61-110/650	3050093710 3051093710		
1289	600	0.625	2.4	LP 61-110/600 LB 61-110/600	3050093810 3051093810		
1010	500	0.583	2.9	LP 61-110/500 LB 61-110/500	3050094210 3051094210		
1132	435	0.713	3.3	LP 61-110/435 LB 61-110/435	3050094310 3051094310		
1132	300	0.932	4.8	LP 61-110/300 LB 61-110/300	3050094810 3051094810		
1018	290	0.896	5	LP 61-110/290 LB 61-110/290	3050094910 3051094910		
1132	225	1.191	6.4	LP 61-110/225 LB 61-110/225	3050095210 3051095210		
1289	150	2.215	9.6	LP 61-110/150 LB 61-110/150	3050095510 3051095510		
613	145	1.028	9.9	LP 61-110/145 LB 61-110/145	3050095610 3051095610		
1056	100	2.395	14	LP 61-110/100 LB 61-110/100	3050095710 3051095710		
910	75	2.655	19	LP 61-110/75 LB 61-110/75	3050800020 3051095910		
651	50	2.655	29	LP 61-110/50 LB 61-110/50	3050096010 3051096010		
341	25	2.655	58	LP 61-110/25 LB 61-110/25	3050096110 3051096110		
586	1500	0.161	1	LP 61-87/1500 LB 61-87/1500	3050082310 3051082310		
586	1200	0.184	1.2	LP 61-87/1200 LB 61-87/1200	3050082710 3051082710		
567	800	0.237	1.8	LP 61-87/800 LB 61-87/800	3050083410 3051083410		
556	650	0.277	2.2	LP 61-87/650 LB 61-87/650	3050083710 3051083710		



PROGRAMA DE FABRICACIÓN

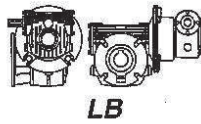
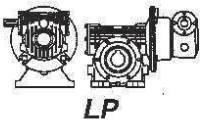
FERTIGUNGSPROGRAMM

MANUFACTURE PROGRAMME

PROGRAMME DE FABRICATION

Valores para n₁ = 1440 Werte für n₁ = 1440 Values for n₁ = 1440 Valeurs pour n₁ = 1440

M ₂ (max) [Nm]	i _R	P [kW]	n ₂ [1/min]	Tipo Typ Type Type	Código Referenz Ref. Réf.
637	580	0.342	2.5	LP 61-87/580 LB 61-87/580	3050083910 3051083910
480	325	0.452	4.4	LP 61-87/325 LB 61-87/325	3050084710 3051084710
586	300	0.498	4.8	LP 61-87/300 LB 61-87/300	3050084810 3051084810
586	75	1.765	19	LP 61-87/75 LB 61-87/75	3050085910 3051085910
556	50	2.337	29	LP 61-87/50 LB 61-87/50	3050086010 3051086010
335	25	2.655	58	LP 61-87/25 LB 61-87/25	3050086110 3051086110
241	580	0.136	2.5	LP 61-61/580 LB 61-61/580	3050133910 3051133910
900	10000	0.055	0.1	LP 49-130/10000 LB 49-130/10000	3050120110 3051120110
1196	8000	0.086	0.2	LP 49-130/8000 LB 49-130/8000	3050120210 3051120210
1306	6500	0.107	0.2	LP 49-130/6500 LB 49-130/6500	3050120310 3051120310
1196	6400	0.101	0.2	LP 49-130/6400 LB 49-130/6400	3050120700 3051120700
1306	5200	0.126	0.3	LP 49-130/5200 LB 49-130/5200	3050120510 3051120510
1263	5000	0.125	0.3	LP 49-130/5000 LB 49-130/5000	3050120610 3051120610
1306	4225	0.143	0.3	LP 49-130/4225 LB 49-130/4225	3050120710 3051120710
1593	4000	0.185	0.4	LP 49-130/4000 LB 49-130/4000	3050120810 3051120810
1593	3250	0.210	0.4	LP 49-130/3250 LB 49-130/3250	3050120910 3051120910
1354	3200	0.186	0.5	LP 49-130/3200 LB 49-130/3200	3050121010 3051121010
845	3000	0.125	0.5	LP 49-130/3000 LB 49-130/3000	3050121110 3051121110
900	2900	0.141	0.5	LP 49-130/2900 LB 49-130/2900	3050121210 3051121210
1562	2600	0.243	0.6	LP 49-130/2600 LB 49-130/2600	3050121310 3051121310
1593	2500	0.257	0.6	LP 49-130/2500 LB 49-130/2500	3050121410 3051121410
1072	2400	0.186	0.6	LP 49-130/2400 LB 49-130/2400	3050121510 3051121510
1196	2320	0.218	0.6	LP 49-130/2320 LB 49-130/2320	3050121610 3051121610
1784	2000	0.340	0.7	LP 49-130/2000 LB 49-130/2000	3050121710 3051121710
1237	1950	0.243	0.7	LP 49-130/1950 LB 49-130/1950	3050121810 3051121810
900	1900	0.201	0.8	LP 49-130/1900 LB 49-130/1900	3050121910 3051121910
1306	1885	0.272	0.8	LP 49-130/1885 LB 49-130/1885	3050122010 3051122010



PROGRAMA DE FABRICACION

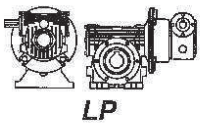
FERTIGUNGSPROGRAMM

MANUFACTURE PROGRAMME

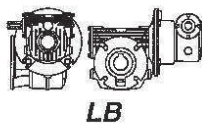
PROGRAMME DE FABRICATION

Valores para n₁ = 1440 Werte für n₁ = 1440 Values for n₁ = 1440 Valeurs pour n₁ = 1440

M ₂ (max) [Nm]	i _R	P [kW]	n ₂ [1/min]	Tipo Typ Type Type	Código Referenz Ref. Réf.
1784	1600	0.406	0.9	LP 49-130/1600 LB 49-130/1600	3050122110 3051122110
1196	1520	0.311	0.9	LP 49-130/1520 LB 49-130/1520	3050122210 3051122210
1505	1500	0.363	1	LP 49-130/1500 LB 49-130/1500	3050122310 3051122310
1593	1450	0.399	1	LP 49-130/1450 LB 49-130/1450	3050122410 3051122410
1306	1235	0.388	1.2	LP 49-130/1235 LB 49-130/1235	3050122610 3051122610
1608	1200	0.462	1.2	LP 49-130/1200 LB 49-130/1200	3050122710 3051122710
1784	1160	0.529	1.2	LP 49-130/1160 LB 49-130/1160	3050122810 3051122810
900	1000	0.331	1.4	LP 49-130/1000 LB 49-130/1000	3050122910 3051122910
1306	975	0.446	1.5	LP 49-130/975 LB 49-130/975	3050123010 3051123010
1593	950	0.569	1.5	LP 49-130/950 LB 49-130/950	3050123110 3051123110
1649	870	0.617	1.7	LP 49-130/870 LB 49-130/870	3050123210 3051123210
1196	800	0.514	1.8	LP 49-130/800 LB 49-130/800	3050123410 3051123410
1693	760	0.716	1.9	LP 49-130/760 LB 49-130/760	3050123510 3051123510
1593	750	0.655	1.9	LP 49-130/750 LB 49-130/750	3050123610 3051123610
1306	650	0.641	2.2	LP 49-130/650 LB 49-130/650	3050123710 3051123710
1784	600	0.867	2.4	LP 49-130/600 LB 49-130/600	3050123810 3051123810
1340	570	0.716	2.5	LP 49-130/570 LB 49-130/570	3050124010 3051124010
1593	500	0.941	2.9	LP 49-130/500 LB 49-130/500	3050124210 3051124210
1693	400	1.182	3.6	LP 49-130/400 LB 49-130/400	3050124410 3051124410
1306	325	1.219	4.4	LP 49-130/325 LB 49-130/325	3050124710 3051124710
1340	300	1.182	4.8	LP 49-130/300 LB 49-130/300	3050124810 3051124810
1417	250	1.591	5.8	LP 49-130/250 LB 49-130/250	3050125110 3051125110
1198	200	1.591	7.2	LP 49-130/200 LB 49-130/200	3050125310 3051125310
948	150	1.591	9.6	LP 49-130/150 LB 49-130/150	3050125510 3051125510
530	10000	0.037	0.1	LP 49-110/10000 LB 49-110/10000	3050070110 3051070110
663	8000	0.054	0.2	LP 49-110/8000 LB 49-110/8000	3050070210 3051070210
819	6500	0.075	0.2	LP 49-110/6500 LB 49-110/6500	3050070310 3051070310
663	6400	0.064	0.2	LP 49-110/6400 LB 49-110/6400	3050070410 3051070410



LP



LB



PROGRAMA DE FABRICACIÓN

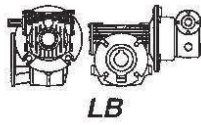
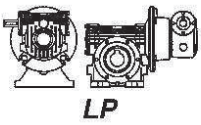
FERTIGUNGSPROGRAMM

MANUFACTURE PROGRAMME

PROGRAMME DE FABRICATION

Valores para $n_1 = 1440$ Werte für $n_1 = 1440$ Values for $n_1 = 1440$ Valeurs pour $n_1 = 1440$

M_2 (max) [Nm]	i_R	P [kW]	n_2 [1/min]	Tipo Typ Type Type	Código Referenz Ref. Réf.
819	5200	0.089	0.3	LP 49-110/5200 LB 49-110/5200	3050070510 3051070510
939	5000	0.102	0.3	LP 49-110/5000 LB 49-110/5000	3050070610 3051070610
819	4225	0.100	0.3	LP 49-110/4225 LB 49-110/4225	3050070710 3051070710
992	4000	0.125	0.4	LP 49-110/4000 LB 49-110/4000	3050070810 3051070810
939	3250	0.135	0.4	LP 49-110/3250 LB 49-110/3250	3050070910 3051070910
1076	3200	0.159	0.5	LP 49-110/3200 LB 49-110/3200	3050071010 3051071010
812	3000	0.125	0.5	LP 49-110/3000 LB 49-110/3000	3050071110 3051071110
530	2900	0.094	0.5	LP 49-110/2900 LB 49-110/2900	3050071210 3051071210
1076	2600	0.180	0.6	LP 49-110/2600 LB 49-110/2600	3050071310 3051071310
939	2500	0.166	0.6	LP 49-110/2500 LB 49-110/2500	3050071410 3051071410
1030	2400	0.186	0.6	LP 49-110/2400 LB 49-110/2400	3050071510 3051071510
663	2320	0.137	0.6	LP 49-110/2320 LB 49-110/2320	3050071610 3051071610
1076	2000	0.221	0.7	LP 49-110/2000 LB 49-110/2000	3050071710 3051071710
1188	1950	0.243	0.7	LP 49-110/1950 LB 49-110/1950	3050071810 3051071810
530	1900	0.135	0.8	LP 49-110/1900 LB 49-110/1900	3050071910 3051071910
819	1885	0.191	0.8	LP 49-110/1885 LB 49-110/1885	3050072010 3051072010
1076	1600	0.264	0.9	LP 49-110/1600 LB 49-110/1600	3050072110 3051072110
663	1520	0.196	0.9	LP 49-110/1520 LB 49-110/1520	3050072210 3051072210
1289	1500	0.323	1	LP 49-110/1500 LB 49-110/1500	3050072310 3051072310
939	1450	0.257	1	LP 49-110/1450 LB 49-110/1450	3050072100 3051072100
900	1300	0.243	1.1	LP 49-110/1300 LB 49-110/1300	3050072510 3051072510
819	1235	0.272	1.2	LP 49-110/1235 LB 49-110/1235	3050072610 3051072610
1289	1200	0.386	1.2	LP 49-110/1200 LB 49-110/1200	3050072710 3051072710
1076	1160	0.343	1.2	LP 49-110/1160 LB 49-110/1160	3050072810 3051072810
1056	1000	0.350	1.4	LP 49-110/1000 LB 49-110/1000	3050072910 3051072910
819	975	0.313	1.5	LP 49-110/975 LB 49-110/975	3050073010 3051073010
939	950	0.367	1.5	LP 49-110/950 LB 49-110/950	3050073110 3051073110
1289	870	0.502	1.7	LP 49-110/870 LB 49-110/870	3050073210 3051073210
1056	800	0.417	1.8	LP 49-110/800 LB 49-110/800	3050073410 3051073410



PROGRAMA DE FABRICACIÓN

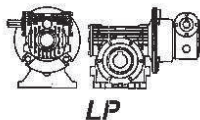
FERTIGUNGSPROGRAMM

MANUFACTURE PROGRAMME

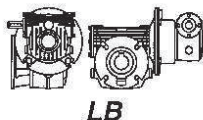
PROGRAMME DE FABRICATION

Valores para $n_1 = 1440$ Werte für $n_1 = 1440$ Values for $n_1 = 1440$ Valeurs pour $n_1 = 1440$

M_2 (max) [Nm]	i_R	P [kW]	n_2 [1/min]	Tipo Typ Type Type	Código Referenz Ref. Réf.
1076	760	0.490	1.9	LP 49-110/760 LB 49-110/760	3050073510 3051073510
939	750	0.422	1.9	LP 49-110/750 LB 49-110/750	3050073610 3051073610
819	650	0.450	2.2	LP 49-110/650 LB 49-110/650	3050073710 3051073710
1076	600	0.563	2.4	LP 49-110/600 LB 49-110/600	3050073810 3051073810
1056	580	0.543	2.5	LP 49-110/580 LB 49-110/580	3050073910 3051073910
1287	570	0.716	2.5	LP 49-110/570 LB 49-110/570	3050074010 3051074010
939	500	0.606	2.9	LP 49-110/500 LB 49-110/500	3050074210 3051074210
934	435	0.617	3.3	LP 49-110/435 LB 49-110/435	3050074310 3051074310
1076	400	0.809	3.6	LP 49-110/400 LB 49-110/400	3050074410 3051074410
975	380	0.716	3.8	LP 49-110/380 LB 49-110/380	3050074510 3051074510
819	325	0.855	4.4	LP 49-110/325 LB 49-110/325	3050074710 3051074710
1287	300	1.182	4.8	LP 49-110/300 LB 49-110/300	3050074810 3051074810
668	290	0.617	5	LP 49-110/290 LB 49-110/290	3050074910 3051074910
759	285	0.716	5.1	LP 49-110/285 LB 49-110/285	3050075010 3051075010
939	250	1.153	5.8	LP 49-110/250 LB 49-110/250	3050075110 3051075110
864	225	0.937	6.4	LP 49-110/225 LB 49-110/225	3050079100 3051079100
1076	200	1.538	7.2	LP 49-110/200 LB 49-110/200	3050075310 3051075310
543	190	0.716	7.6	LP 49-110/190 LB 49-110/190	3050075410 3051075410
911	150	1.591	9.6	LP 49-110/150 LB 49-110/150	3050800000 3051075510
350	145	0.617	9.9	LP 49-110/145 LB 49-110/145	3050075610 3051075610
690	100	1.591	14	LP 49-110/100 LB 49-110/100	3050075710 3051075710
284	95	0.716	15	LP 49-110/95 LB 49-110/95	3050075810 3051075810
537	75	1.591	19	LP 49-110/75 LB 49-110/75	3050075910 3051075910
384	50	1.591	29	LP 49-110/50 LB 49-110/50	3050075400 3051075400
201	25	1.591	58	LP 49-110/25 LB 49-110/25	3050076110 3051076110
567	4000	0.075	0.4	LP 49-87/4000 LB 49-87/4000	3050060810 3051060810
637	2900	0.108	0.5	LP 49-87/2900 LB 49-87/2900	3050061210 3051061210
637	2320	0.127	0.6	LP 49-87/2320 LB 49-87/2320	3050061610 3051061610



LP



LB



PROGRAMA DE FABRICACIÓN

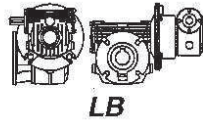
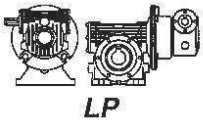
FERTIGUNGSPROGRAMM

MANUFACTURE PROGRAMME

PROGRAMME DE FABRICATION

Valores para $n_1 = 1440$ Werte für $n_1 = 1440$ Values for $n_1 = 1440$ Valeurs pour $n_1 = 1440$

M_2 (max) [Nm]	i_R	P [kW]	n_2 [1/min]	Tipo Typ Type Type	Código Referenz Ref. Réf.
463	1500	0.125	1	LP 49-87/1500 LB 49-87/1500	3050062310 3051062310
544	1300	0.155	1.1	LP 49-87/1300 LB 49-87/1300	3050062510 3051062510
586	1200	0.186	1.2	LP 49-87/1200 LB 49-87/1200	3050062710 3051062710
586	975	0.210	1.5	LP 49-87/975 LB 49-87/975	3050063010 3051063010
586	750	0.258	1.9	LP 49-87/750 LB 49-87/750	3050063610 3051063610
486	650	0.243	2.2	LP 49-87/650 LB 49-87/650	3050063710 3051063710
586	600	0.307	2.4	LP 49-87/600 LB 49-87/600	3050063810 3051063810
556	500	0.341	2.9	LP 49-87/500 LB 49-87/500	3050064210 3051064210
586	285	0.571	5.1	LP 49-87/285 LB 49-87/285	3050065010 3051065010
586	225	0.656	6.4	LP 49-87/225 LB 49-87/225	3050065210 3051065210
527	190	0.716	7.6	LP 49-87/190 LB 49-87/190	3050065410 3051065410
586	150	0.943	9.6	LP 49-87/150 LB 49-87/150	3050065510 3051065510
637	145	1.230	9.9	LP 49-87/145 LB 49-87/145	3050065610 3051065610
527	100	1.182	14	LP 49-87/100 LB 49-87/100	3050065710 3051065710
279	95	0.716	15	LP 49-87/95 LB 49-87/95	3050065810 3051065810
520	75	1.591	19	LP 49-87/75 LB 49-87/75	3050065910 3051065910
373	50	1.591	29	LP 49-87/50 LB 49-87/50	3050066010 3051066010
197	25	1.591	58	LP 49-87/25 LB 49-87/25	3050066110 3051066110
218	1000	0.085	1.4	LP 49-61/1000 LB 49-61/1000	3050052910 3051052910
218	800	0.100	1.8	LP 49-61/800 LB 49-61/800	3050053410 3051053410
734	325	0.872	4.4	LP 49-61/325 LB 49-61/325	3050054710 3051054710
193	250	0.231	5.8	LP 49-61/250 LB 49-61/250	3050055110 3051055110
193	95	0.512	15	LP 49-61/95 LB 49-61/95	3050055810 3051055810
218	50	0.968	29	LP 49-61/50 LB 49-61/50	3050056010 3051056010
190	25	1.591	58	LP 49-61/25 LB 49-61/25	3050056110 3051056110
263	10000	0.021	0.1	LP 40-87/10000 LB 40-87/10000	3050040110 3051040110
352	8000	0.033	0.2	LP 40-87/8000 LB 40-87/8000	3050040210 3051040210



PROGRAMA DE FABRICACIÓN

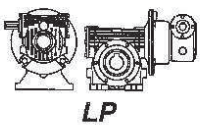
FERTIGUNGSPROGRAMM

MANUFACTURE PROGRAMME

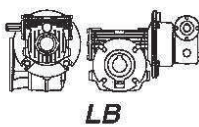
PROGRAMME DE FABRICATION

Valores para $n_1 = 1440$ Werte für $n_1 = 1440$ Values for $n_1 = 1440$ Valeurs pour $n_1 = 1440$

M_2 (max) [Nm]	i_R	P [kW]	n_2 [1/min]	Tipo Typ Type Type	Código Referenz Ref. Réf.
424	6500	0.045	0.2	LP 40-87/6500 LB 40-87/6500	3050040310 3051040310
352	6400	0.037	0.2	LP 40-87/6400 LB 40-87/6400	3050040410 3051040410
424	5200	0.050	0.3	LP 40-87/5200 LB 40-87/5200	3050040510 3051040510
504	5000	0.062	0.3	LP 40-87/5000 LB 40-87/5000	3050040610 3051040610
424	4225	0.059	0.3	LP 40-87/4225 LB 40-87/4225	3050040710 3051040710
461	4000	0.065	0.4	LP 40-87/4000 LB 40-87/4000	3050040810 3051040810
504	3250	0.082	0.4	LP 40-87/3250 LB 40-87/3250	3050040910 3051040910
567	3200	0.090	0.5	LP 40-87/3200 LB 40-87/3200	3050041010 3051041010
358	2900	0.065	0.5	LP 40-87/2900 LB 40-87/2900	3050041210 3051041210
567	2600	0.106	0.6	LP 40-87/2600 LB 40-87/2600	3050041310 3051041310
504	2500	0.100	0.6	LP 40-87/2500 LB 40-87/2500	3050041410 3051041410
502	2320	0.103	0.6	LP 40-87/2320 LB 40-87/2320	3050041610 3051041610
567	2000	0.129	0.7	LP 40-87/2000 LB 40-87/2000	3050041710 3051041710
263	1900	0.075	0.8	LP 40-87/1900 LB 40-87/1900	3050041910 3051041910
637	1885	0.153	0.8	LP 40-87/1885 LB 40-87/1885	3050042010 3051042010
567	1600	0.153	0.9	LP 40-87/1600 LB 40-87/1600	3050042110 3051042110
352	1520	0.117	0.9	LP 40-87/1520 LB 40-87/1520	3050042210 3051042210
263	1500	0.087	1	LP 40-87/1500 LB 40-87/1500	3050042310 3051042310
637	1450	0.186	1	LP 40-87/1450 LB 40-87/1450	3050042410 3051042410
527	1300	0.159	1.1	LP 40-87/1300 LB 40-87/1300	3050042510 3051042510
424	1235	0.158	1.2	LP 40-87/1235 LB 40-87/1235	3050042610 3051042610
352	1200	0.135	1.2	LP 40-87/1200 LB 40-87/1200	3050042710 3051042710
637	1160	0.222	1.2	LP 40-87/1160 LB 40-87/1160	3050042810 3051042810
544	1000	0.200	1.4	LP 40-87/1000 LB 40-87/1000	3050042910 3051042910
424	975	0.182	1.5	LP 40-87/975 LB 40-87/975	3050043010 3051043010
504	950	0.219	1.5	LP 40-87/950 LB 40-87/950	3050043110 3051043110
637	841	0.288	1.7	LP 40-87/841 LB 40-87/841	3050043310 3051043310
544	800	0.238	1.8	LP 40-87/800 LB 40-87/800	3050043410 3051043410
567	760	0.283	1.9	LP 40-87/760 LB 40-87/760	3050043510 3051043510



LP



LB



PROGRAMA DE FABRICACIÓN

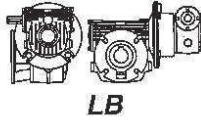
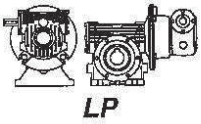
FERTIGUNGSPROGRAMM

MANUFACTURE PROGRAMME

PROGRAMME DE FABRICATION

Valores para $n_1 = 1440$ Werte für $n_1 = 1440$ Values for $n_1 = 1440$ Valeurs pour $n_1 = 1440$

M_2 (max) [Nm]	i_R	P [kW]	n_2 [1/min]	Tipo Typ Type Type	Código Referenz Ref. Réf.
504	750	0.254	1.9	LP 40-87/750 LB 40-87/750	3050043610 3051043610
424	650	0.258	2.2	LP 40-87/650 LB 40-87/650	3050043710 3051043710
567	600	0.327	2.4	LP 40-87/600 LB 40-87/600	3050043810 3051043810
544	580	0.309	2.5	LP 40-87/580 LB 40-87/580	3050043910 3051043910
637	551	0.408	2.6	LP 40-87/551 LB 40-87/551	3050044110 3051044110
504	500	0.358	2.9	LP 40-87/500 LB 40-87/500	3050044210 3051044210
637	435	0.473	3.3	LP 40-87/435 LB 40-87/435	3050044310 3051044310
567	400	0.462	3.6	LP 40-87/400 LB 40-87/400	3050044410 3051044410
544	380	0.439	3.8	LP 40-87/380 LB 40-87/380	3050044510 3051044510
424	325	0.483	4.4	LP 40-87/325 LB 40-87/325	3050044710 3051044710
544	300	0.508	4.8	LP 40-87/300 LB 40-87/300	3050044810 3051044810
637	290	0.668	5	LP 40-87/290 LB 40-87/290	3050044910 3051044910
452	285	0.459	5.1	LP 40-87/285 LB 40-87/285	3050045010 3051045010
504	250	0.672	5.8	LP 40-87/250 LB 40-87/250	3050045110 3051045110
486	225	0.572	6.4	LP 40-87/225 LB 40-87/225	3050045210 3051045210
567	200	0.867	7.2	LP 40-87/200 LB 40-87/200	3050045310 3051045310
324	190	0.459	7.6	LP 40-87/190 LB 40-87/190	3050045410 3051045410
429	150	0.714	9.6	LP 40-87/150 LB 40-87/150	3050800010 3051045510
502	145	0.985	9.9	LP 40-87/145 LB 40-87/145	3050045610 3051045610
308	100	0.714	14	LP 40-87/100 LB 40-87/100	3050045710 3051045710
172	95	0.459	15	LP 40-87/95 LB 40-87/95	3050045810 3051045810
316	75	0.985	19	LP 40-87/75 LB 40-87/75	3050045910 3051045910
92	10000	0.008	0.1	LP 40-61/10000 LB 40-61/10000	3050030110 3051030110
120	8000	0.012	0.2	LP 40-61/8000 LB 40-61/8000	3050030210 3051030210
160	6500	0.018	0.2	LP 40-61/6500 LB 40-61/6500	3050030310 3051030310
120	6400	0.014	0.2	LP 40-61/6400 LB 40-61/6400	3050030410 3051030410
160	5200	0.020	0.3	LP 40-61/5200 LB 40-61/5200	3050030510 3051030510
177	5000	0.023	0.3	LP 40-61/5000 LB 40-61/5000	3050030610 3051030610



PROGRAMA DE FABRICACIÓN

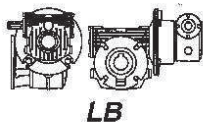
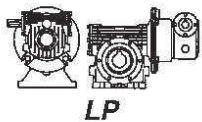
FERTIGUNGSPROGRAMM

MANUFACTURE PROGRAMME

PROGRAMME DE FABRICATION

Valores para n₁ = 1440 Werte für n₁ = 1440 Values for n₁ = 1440 Valeurs pour n₁ = 1440

M ₂ (max) [Nm]	iR	P [kW]	n ₂ [1/min]	Tipo Typ Type Type	Código Referenz Ref. Réf.
160	4225	0.024	0.3	LP 40-61/4225 LB 40-61/4225	3050030710 3051030710
203	4000	0.031	0.4	LP 40-61/4000 LB 40-61/4000	3050030810 3051030810
177	3250	0.030	0.4	LP 40-61/3250 LB 40-61/3250	3050030910 3051030910
203	3200	0.035	0.5	LP 40-61/3200 LB 40-61/3200	3050031010 3051031010
241	2900	0.046	0.5	LP 40-61/2900 LB 40-61/2900	3050031210 3051031210
203	2600	0.041	0.6	LP 40-61/2600 LB 40-61/2600	3050031310 3051031310
177	2500	0.037	0.6	LP 40-61/2500 LB 40-61/2500	3050031410 3051031410
241	2320	0.052	0.6	LP 40-61/2320 LB 40-61/2320	3050031610 3051031610
203	2000	0.050	0.7	LP 40-61/2000 LB 40-61/2000	3050031710 3051031710
241	1885	0.061	0.8	LP 40-61/1885 LB 40-61/1885	3050032010 3051032010
203	1600	0.060	0.9	LP 40-61/1600 LB 40-61/1600	3050032110 3051032110
218	1500	0.065	1	LP 40-61/1500 LB 40-61/1500	3050032310 3051032310
241	1450	0.074	1	LP 40-61/1450 LB 40-61/1450	3050032410 3051032410
200	1300	0.062	1.1	LP 40-61/1300 LB 40-61/1300	3050032510 3051032510
160	1235	0.063	1.2	LP 40-61/1235 LB 40-61/1235	3050032610 3051032610
222	1200	0.075	1.2	LP 40-61/1200 LB 40-61/1200	3050032710 3051032710
241	1160	0.088	1.2	LP 40-61/1160 LB 40-61/1160	3050032810 3051032810
200	1000	0.076	1.4	LP 40-61/1000 LB 40-61/1000	3050032910 3051032910
222	975	0.087	1.5	LP 40-61/975 LB 40-61/975	3050033010 3051033010
177	950	0.081	1.5	LP 40-61/950 LB 40-61/950	3050033110 3051033110
241	841	0.114	1.7	LP 40-61/841 LB 40-61/841	3050033310 3051033310
218	800	0.103	1.8	LP 40-61/800 LB 40-61/800	3050033410 3051033410
203	760	0.110	1.9	LP 40-61/760 LB 40-61/760	3050033510 3051033510
222	750	0.106	1.9	LP 40-61/750 LB 40-61/750	3050033610 3051033610
218	650	0.120	2.2	LP 40-61/650 LB 40-61/650	3050033710 3051033710
222	600	0.126	2.4	LP 40-61/600 LB 40-61/600	3050033810 3051033810
200	580	0.118	2.5	LP 40-61/580 LB 40-61/580	3050033910 3051033910
241	551	0.162	2.6	LP 40-61/551 LB 40-61/551	3050034110 3051034110
218	500	0.147	2.9	LP 40-61/500 LB 40-61/500	3050034210 3051034210



PROGRAMA DE FABRICACION

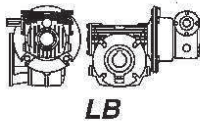
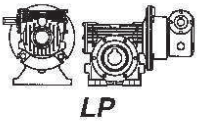
FERTIGUNGSPROGRAMM

MANUFACTURE PROGRAMME

PROGRAMME DE FABRICATION

Valores para $n_1 = 1440$ Werte für $n_1 = 1440$ Values for $n_1 = 1440$ Valeurs pour $n_1 = 1440$

M_2 (max) [Nm]	i_R	P [kW]	n_2 [1/min]	Tipo Typ Type Type	Código Referenz Ref. Réf.
241	435	0.188	3.3	LP 40-61/435 LB 40-61/435	3050034310 3051034310
218	400	0.174	3.6	LP 40-61/400 LB 40-61/400	3050034410 3051034410
200	380	0.167	3.8	LP 40-61/380 LB 40-61/380	3050034510 3051034510
160	325	0.194	4.4	LP 40-61/325 LB 40-61/325	3050034710 3051034710
200	300	0.194	4.8	LP 40-61/300 LB 40-61/300	3050034810 3051034810
241	290	0.265	5	LP 40-61/290 LB 40-61/290	3050034910 3051034910
222	285	0.233	5.1	LP 40-61/285 LB 40-61/285	3050035010 3051035010
177	250	0.249	5.8	LP 40-61/250 LB 40-61/250	3050035110 3051035110
222	225	0.270	6.4	LP 40-61/225 LB 40-61/225	3050035210 3051035210
203	200	0.338	7.2	LP 40-61/200 LB 40-61/200	3050035310 3051035310
218	190	0.322	7.6	LP 40-61/190 LB 40-61/190	3050035410 3051035410
222	150	0.381	9.6	LP 40-61/150 LB 40-61/150	3050034400 3051034400
241	145	0.497	9.9	LP 40-61/145 LB 40-61/145	3050035610 3051035610
218	100	0.526	14	LP 40-61/100 LB 40-61/100	3050035710 3051035710
165	95	0.459	15	LP 40-61/95 LB 40-61/95	3050035810 3051035810
222	75	0.714	19	LP 40-61/75 LB 40-61/75	3050035910 3051035910
218	50	0.985	29	LP 40-61/50 LB 40-61/50	3050036010 3051036010
116	25	0.985	58	LP 40-61/25 LB 40-61/25	3050036110 3051036110
48	10000	0.004	0.1	LP 40-49/10000 LB 40-49/10000	3050020110 3051020110
62	8000	0.006	0.2	LP 40-49/8000 LB 40-49/8000	3050020210 3051020210
79	6500	0.008	0.2	LP 40-49/6500 LB 40-49/6500	3050020310 3051020310
62	6400	0.007	0.2	LP 40-49/6400 LB 40-49/6400	3050020410 3051020410
79	5200	0.010	0.3	LP 40-49/5200 LB 40-49/5200	3050020510 3051020510
101	5000	0.013	0.3	LP 40-49/5000 LB 40-49/5000	3050020610 3051020610
79	4225	0.011	0.3	LP 40-49/4225 LB 40-49/4225	3050020710 3051020710
113	4000	0.017	0.4	LP 40-49/4000 LB 40-49/4000	3050020810 3051020810
101	3250	0.017	0.4	LP 40-49/3250 LB 40-49/3250	3050020910 3051020910
113	3200	0.020	0.5	LP 40-49/3200 LB 40-49/3200	3050021010 3051021010



PROGRAMA DE FABRICACIÓN

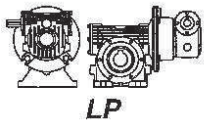
FERTIGUNGSPROGRAMM

MANUFACTURE PROGRAMME

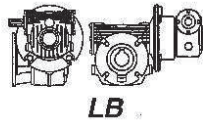
PROGRAMME DE FABRICATION

Valores para n₁ = 1440 Werte für n₁ = 1440 Values for n₁ = 1440 Valeurs pour n₁ = 1440

M ₂ (max) [Nm]	i _R	P [kW]	n ₂ [1/min]	Tipo Typ Type Type	Código Referenz Ref. Réf.
131	290	0.150	5	LP 40-49/290 LB 40-49/290	3050024910 3051024910
148	285	0.169	5.1	LP 40-49/285 LB 40-49/285	3050025010 3051025010
102	250	0.132	5.8	LP 40-49/250 LB 40-49/250	3050025110 3051025110
118	225	0.148	6.4	LP 40-49/225 LB 40-49/225	3050025210 3051025210
113	200	0.189	7.2	LP 40-49/200 LB 40-49/200	3050025310 3051025310
148	190	0.239	7.6	LP 40-49/190 LB 40-49/190	3050025410 3051025410
118	150	0.209	9.6	LP 40-49/150 LB 40-49/150	3050024400 3051024400
131	145	0.281	9.9	LP 40-49/145 LB 40-49/145	3050025610 3051025610
111	100	0.278	14	LP 40-49/100 LB 40-49/100	3050025710 3051025710
148	95	0.447	15	LP 40-49/95 LB 40-49/95	3050025810 3051025810
118	75	0.392	19	LP 40-49/75 LB 40-49/75	3050025910 3051025910
111	50	0.521	29	LP 40-49/50 LB 40-49/50	3050026010 3051026010
102	25	0.887	58	LP 40-49/25 LB 40-49/25	3050026110 3051026110
24	10000	0.002	0.1	LP 40-40/10000 LB 40-40/10000	3050010110 3051010110
33	8000	0.003	0.2	LP 40-40/8000 LB 40-40/8000	3050010210 3051010210
48	6500	0.005	0.2	LP 40-40/6500 LB 40-40/6500	3050010310 3051010310
33	6400	0.003	0.2	LP 40-40/6400 LB 40-40/6400	3050010410 3051010410
48	5200	0.006	0.3	LP 40-40/5200 LB 40-40/5200	3050010510 3051010510
54	5000	0.007	0.3	LP 40-40/5000 LB 40-40/5000	3050010610 3051010610
48	4225	0.007	0.3	LP 40-40/4225 LB 40-40/4225	3050010710 3051010710
62	4000	0.010	0.4	LP 40-40/4000 LB 40-40/4000	3050010810 3051010810
54	3250	0.009	0.4	LP 40-40/3250 LB 40-40/3250	3050010910 3051010910
62	3200	0.011	0.5	LP 40-40/3200 LB 40-40/3200	3050011010 3051011010
73	2900	0.015	0.5	LP 40-40/2900 LB 40-40/2900	3050011210 3051011210
62	2600	0.013	0.6	LP 40-40/2600 LB 40-40/2600	3050011310 3051011310
54	2500	0.011	0.6	LP 40-40/2500 LB 40-40/2500	3050011410 3051011410
73	2320	0.017	0.6	LP 40-40/2320 LB 40-40/2320	3050010100 3051010100
62	2000	0.016	0.7	LP 40-40/2000 LB 40-40/2000	3050011710 3051011710



LP



LB



PROGRAMA DE FABRICACIÓN

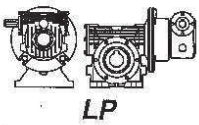
FERTIGUNGSPROGRAMM

MANUFACTURE PROGRAMME

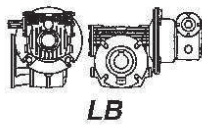
PROGRAMME DE FABRICATION

Valores para $n_1 = 1440$ Werte für $n_1 = 1440$ Values for $n_1 = 1440$ Valeurs pour $n_1 = 1440$

M_2 (max) [Nm]	i_R	P [kW]	n_2 [1/min]	Tipo Typ Type Type	Código Referenz Ref. Réf.
82	1900	0.024	0.8	LP 40-40/1900 LB 40-40/1900	3050011910 3051011910
73	1885	0.020	0.8	LP 40-40/1885 LB 40-40/1885	3050012010 3051012010
62	1600	0.019	0.9	LP 40-40/1600 LB 40-40/1600	3050012110 3051012110
82	1520	0.027	0.9	LP 40-40/1520 LB 40-40/1520	3050012210 3051012210
67	1500	0.022	1	LP 40-40/1500 LB 40-40/1500	3050012310 3051012310
73	1450	0.024	1	LP 40-40/1450 LB 40-40/1450	3050012410 3051012410
82	1235	0.031	1.2	LP 40-40/1235 LB 40-40/1235	3050012610 3051012610
67	1200	0.024	1.2	LP 40-40/1200 LB 40-40/1200	3050012710 3051012710
73	1160	0.029	1.2	LP 40-40/1160 LB 40-40/1160	3050012810 3051012810
72	1000	0.032	1.4	LP 40-40/1000 LB 40-40/1000	3050012910 3051012910
67	975	0.028	1.5	LP 40-40/975 LB 40-40/975	3050013010 3051013010
82	950	0.038	1.5	LP 40-40/950 LB 40-40/950	3050013110 3051013110
73	841	0.037	1.7	LP 40-40/841 LB 40-40/841	3050013310 3051013310
72	800	0.036	1.8	LP 40-40/800 LB 40-40/800	3050013410 3051013410
82	760	0.045	1.9	LP 40-40/760 LB 40-40/760	3050013510 3051013510
67	750	0.035	1.9	LP 40-40/750 LB 40-40/750	3050013610 3051013610
72	650	0.043	2.2	LP 40-40/650 LB 40-40/650	3050013710 3051013710
67	600	0.041	2.4	LP 40-40/600 LB 40-40/600	3050013810 3051013810
82	551	0.059	2.6	LP 40-40/551 LB 40-40/551	3050014110 3051014110
72	500	0.052	2.9	LP 40-40/500 LB 40-40/500	3050014210 3051014210
73	435	0.061	3.3	LP 40-40/435 LB 40-40/435	3050014310 3051014310
72	400	0.062	3.6	LP 40-40/400 LB 40-40/400	3050014410 3051014410
82	361	0.084	4	LP 40-40/361 LB 40-40/361	3050014610 3051014610
58	325	0.062	4.4	LP 40-40/325 LB 40-40/325	3050014710 3051014710
73	290	0.087	5	LP 40-40/290 LB 40-40/290	3050014910 3051014910
82	285	0.097	5.1	LP 40-40/285 LB 40-40/285	3050015010 3051015010
58	250	0.076	5.8	LP 40-40/250 LB 40-40/250	3050015110 3051015110
67	225	0.088	6.4	LP 40-40/225 LB 40-40/225	3050015210 3051015210
62	200	0.107	7.2	LP 40-40/200 LB 40-40/200	3050015310 3051015310



LP



LB



PROGRAMA DE FABRICACION

FERTIGUNGSPROGRAMM

MANUFACTURE PROGRAMME

PROGRAMME DE FABRICATION

Valores para $n_1 = 1440$		Werte für $n_1 = 1440$		Values for $n_1 = 1440$		Valeurs pour $n_1 = 1440$	
M_2 (max) [Nm]	i_R	P [kW]	n_2 [1/min]	Tipo Typ Type Type	Código Referenz Ref. Réf.		
82	190	0.137	7.6	LP 40-40/190 LB 40-40/190	3050015410 3051015410		
72	150	0.132	9.6	LP 40-40/150 LB 40-40/150	3050015510 3051015510		
73	145	0.162	9.9	LP 40-40/145 LB 40-40/145	3050015610 3051015610		
72	100	0.186	14	LP 40-40/100 LB 40-40/100	3050015710 3051015710		
82	95	0.256	15	LP 40-40/95 LB 40-40/95	3050015810 3051015810		
67	75	0.233	19	LP 40-40/75 LB 40-40/75	3050015910 3051015910		
72	50	0.349	29	LP 40-40/50 LB 40-40/50	3050016010 3051016010		
58	25	0.509	58	LP 40-40/25 LB 40-40/25	3050016110 3051016110		

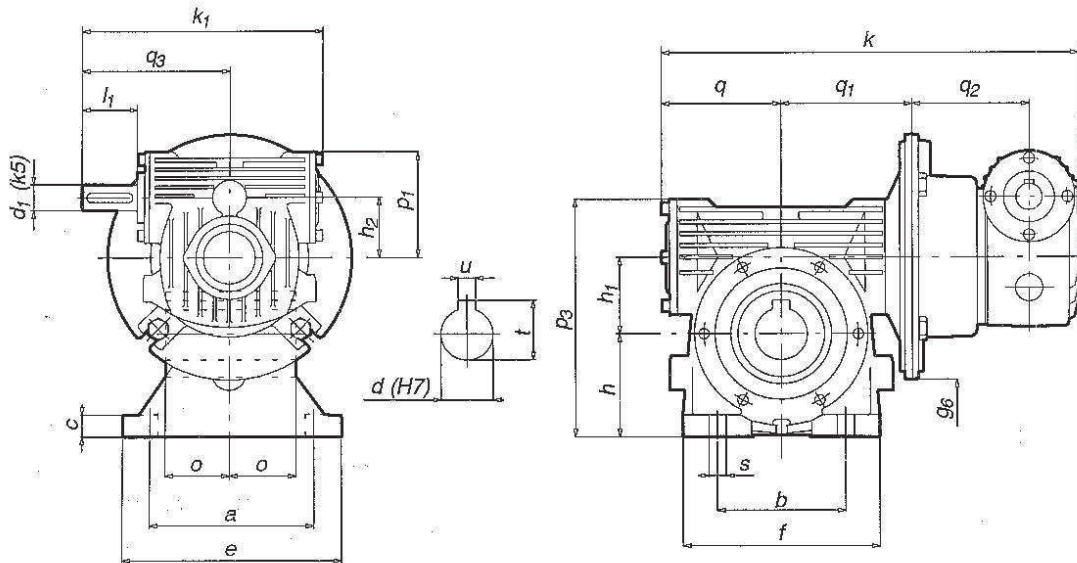


“LP”
DIMENSIONES (mm)

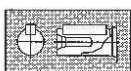
“LP”
ABMESSUNGEN (mm)

“LP”
DIMENSIONS (mm)

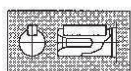
“LP”
DIMENSIONS (mm)



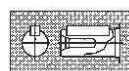
Tipo Typ Type	Peso Gew. Weight Poids [Kg]	a	b	c	e	f	g ₆	h	h ₁	h ₂	k	k ₁	o	p ₁	p ₂	q	q ₁	q ₂	q ₃	s	d	t	u	d ₁	l ₁
40-40	10.5	106	70	13	126	106	160	55	40	40	273	163	42	77	132	66	73	94	97	9	18 (19)	20.8	6	14	30
40-49	12	116	80	15	140	125	160	66	49	40	295	163	43	77	152	77	84	94	97	11	25 (24)	28.3 (27.3)	8	14	30
40-61	17	140	102	17	164	152	160	78	61	40	319	163	55	77	186	87	98	94	97	11	30 (25)	33.3 (28.3)	8	14	30
40-87	26	164	150	21	192	208	160	105	87	40	381	163	65	77	248	117	130	94	97	14	35	38.3	10	14	30
49-61	23	140	102	17	164	152	200	78	61	49	321	195	55	86	186	87	98	94.5	118	11	30 (25)	33.3 (28.3)	8	19	40
49-87	32	164	150	21	192	208	200	105	87	49	383	195	65	86	248	117	130	94.5	118	14	35	38.3	10	19	40
49-110	49	194	184	24	226	252	200	124	110	49	435	195	80	86	306	141	158	94.5	118	16	40	43.3	12	19	40
49-130	69	190	220	27	222	308	200	145	130	49	507	195	82.5	86	350	180	191	94.5	118	16	45	48.8	14	19	40
61-61	28	140	102	17	164	152	200	78	61	61	355	226	55	108	186	87	98	117	139	11	30 (25)	33.3 (28.3)	8	24	50
61-87	37	164	150	21	192	208	200	105	87	61	417	226	65	108	248	117	130	117	139	14	35	38.3	10	24	50
61-110	54	194	184	24	226	252	200	124	110	61	469	226	80	108	306	141	158	117	139	16	40	43.3	12	24	50
61-130	74	190	220	27	222	308	200	145	130	61	541	226	82.5	108	350	180	191	117	139	16	45	48.8	14	24	50



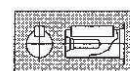
Dimensiones de los ejes de entrada en la pág. 0.25



Normwelle auf Seite 0.25



Bare shaft dimensions are on page 0.25



Dimensions des arbres d'entrée à la page 0.25

() Bajo demanda. Los pesos indicados en la tabla son aproximados. Nos reservamos el derecho de modificar dimensiones sin que por ello cambie la denominación del reductor. Tenemos a su disposición un CD para sistema CAD con los dibujos a escala de nuestros reductores y accesorios.

() Auf Anfrage. Die in den Tabellen angegebenen Gewichte sind annähernde Richtwerte. Wir behalten uns das Recht vor, die Abmessungen zu ändern, ohne die Bezeichnung des Getriebes zu verändern. CD für CAD sind verfügbar mit den Übersetzungen und Zeichnungen

() Under requirement. Approximate weights are shown in the tables. We reserve the rights to modify any dimensions, without changing the Type number of reducers. CD for CAD systems are also available, providing to scale, drawings of reducers and accessories.

() Sur demande. Les poids indiqués dans les tableaux sont approximatifs. Nous nous réservons le droit de modifier les dimensions sans changer la dénomination du réducteur. Nous tenons à votre disposition un CD pour système CAD avec les dessins à échelle réelle de nos réducteurs et accessoires.



“LB”

DIMENSIONES (mm)

“LB”

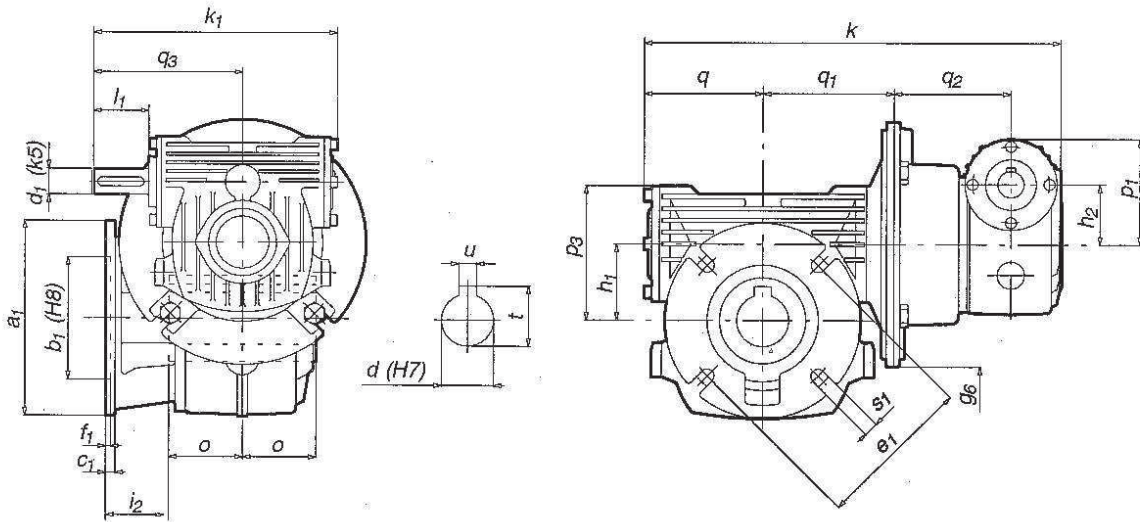
ABMESSUNGEN (mm)

“LB”

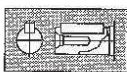
DIMENSIONS (mm)

“LB”

DIMENSIONS (mm)

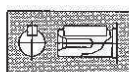


Tipo Typ Type	Peso Gew. Weight Poids [Kg]	a ₁	b ₁	c ₁	e ₁	f ₁	g ₆	h ₁	h ₂	i ₂	k	k ₁	o	p ₁	p ₃	q	q ₁	q ₂	q ₃	s ₁	d	t	u	d ₁	l ₁
40-40	10.5	110	60	10	87	5	160	40	40	43	273	163	42	77	77	66	73	94	97	9	18 (19)	20.8	6	14	30
40-49	12	125	70	10	100	5	160	49	40	42	295	163	43	77	86	77	84	94	97	9	25 (24)	28.3 (27.3)	8	14	30
40-61	17	180	115	12	150	5	160	61	40	51	319	163	55	77	108	87	98	94	97	11	30 (25)	33.3 (28.3)	8	14	30
40-87	26	210	152	12	180	5	160	87	40	65	381	163	65	77	143	117	130	94	97	11	35	38.3	10	14	30
49-61	23	180	115	12	150	5	200	61	49	51	321	195	55	86	108	87	98	94.5	118	11	30 (25)	33.3 (28.3)	8	19	40
49-87	32	210	152	12	180	5	200	87	49	65	383	195	65	86	143	117	130	94.5	118	11	35	38.3	10	19	40
49-110	49	265	170	15	230	6	200	110	49	75	435	195	80	86	182	141	158	94.5	118	13	40	43.3	12	19	40
49-130	69	290	180	18	255	10	200	130	49	100	507	195	82.5	86	205	180	191	94.5	118	16	45	48.8	14	19	40
61-61	28	180	115	12	150	5	200	61	61	51	355	226	55	108	108	87	98	117	139	11	30 (25)	33.3 (28.3)	8	24	50
61-87	37	210	152	12	180	5	200	87	61	65	417	226	65	108	143	117	130	117	139	11	35	38.3	10	24	50
61-110	54	265	170	15	230	6	200	110	61	75	469	226	80	108	182	141	158	117	139	13	40	43.3	12	24	50
61-130	74	290	180	18	255	10	200	130	61	100	541	226	82.5	108	205	180	191	117	139	16	45	48.8	14	24	50



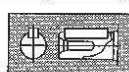
Dimensiones de los ejes de entrada en la pág. 0.25

() Bajo demanda.
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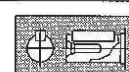
Normwelle auf Seite 0.25

() Auf Anfrage.
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Bare shaft dimensions are on page 0.25

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Approximate weights are shown in the tables.
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Dimensions des arbres d'entrée à la page 0.25

() Sur demande
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