

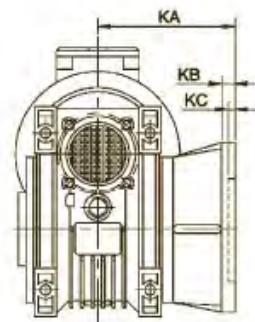
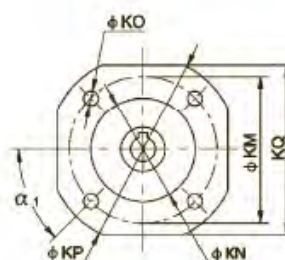
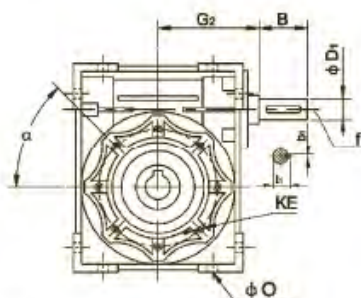
Worm Gear Box

2016-2017 Version

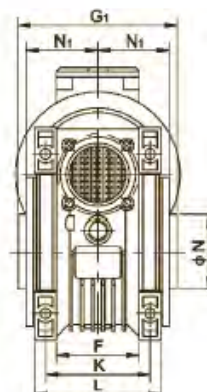
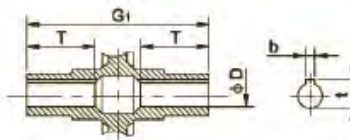
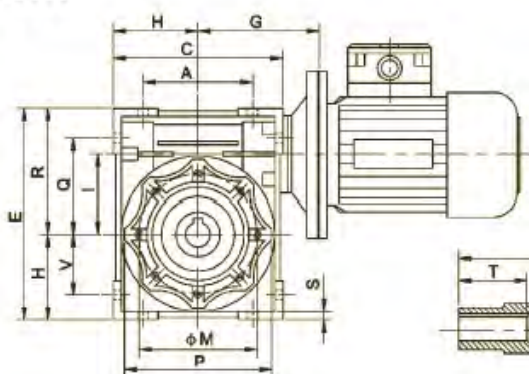
DIMENSIONES SERIE SM

S

BRIDA DE SALIDA



SM



Size	A	B	C	D (H7)	D1 (J6)	E	F	G	G1	G2	H	I	L	M	N (h8)	N1	O	P	Q	R
30	54	20	80	14	9	97	32	55	63	51	40	30	56	65	55	29	6.5	75	44	57
40	70	23	100	18 (19)	11	121.5	43	70	78	60	50	40	71	75	60	36.5	6.5	87	55	71.5
50	80	30	120	25 (24)	14	144	49	80	92	74	60	50	85	85	70	43.5	8.5	100	64	84
63	100	40	144	25 (28)	19	174	67	95	112	90	72	63	103	95	80	53	8.5	110	80	102
75	120	50	172	28 (35)	24	205	72	112.5	120	105	86	75	112	115	95	57	11	140	93	119
90	140	50	208	35 (38)	24	238	74	129.5	140	125	103	90	130	130	110	67	13	160	102	135
110	170	60	252.5	42	28	295	—	160	155	142	127.5	110	144	165	130	74	14	200	125	167.5
130	200	80	292.5	45	30	335	—	180	170	162	147.5	130	155	215	180	81	16	250	140	187.5
150	240	80	340	50	35	400	—	210	200	192	170	150	185	215	180	96	18	250	180	230

Size	S	T	V	K	KA			KB			KC			KE	α	α _i	KM			KN (H8)			KO			KP			KQ			b	b _i	f	t	t _i	kg
					F	FB	FL	F	FB	FL	F	FB	FL				F	FB	FL	F	FB	FL	F	FB	FL	F	FB	FL	F	FB	FL						
30	5.5	21	27	44	54.5	—	—	6	—	—	4	—	—	M6X11 (n,4)	45°	45°	68	—	—	50	—	—	6.5 (n,4)	—	—	80	—	—	70	—	—	5	3	—	16.3	10.2	1.2
40	6.5	26	35	60	67	76.5	97	7	9	7	4	5	4	M6X8 (n,4)	45°	45°	87	115	87	60	95	60	9 (n,4)	9.5 (n,4)	9 (n,4)	110	140	110	95	—	95	6(6)	4	—	20.8 (21.8)	12.5	2.3
50	7	30	40	70	90	87.5	120	9	10	9	5	5	5	M8X10 (n,4)	45°	45°	90	130	90	70	110	70	11 (n,4)	9.5 (n,4)	11 (n,4)	125	160	125	110	—	110	8(8)	5	M6	28.3 (27.3)	16.0	3.5
63	8	36	50	85	82	99	112	10	11	10	6	5	6	M8X14 (n,4)	45°	45°	150	165	150	115	130	115	11 (n,4)	11 (n,4)	11 (n,4)	180	200	180	142	—	142	8(8)	6	M6	28.3 (31.3)	21.5	6.2
75	10	40	60	90	111	—	—	13	—	—	6	—	—	M8X14 (n,4)	45°	45°	165	—	—	130	—	—	14 (n,4)	—	—	200	—	—	170	—	—	8(10)	8	M8	31.3 (38.3)	27.0	9
90	11	45	70	100	111	—	—	13	—	—	6	—	—	M10X18 (n,4)	45°	45°	175	—	—	152	—	—	14 (n,4)	—	—	210	—	—	200	—	—	10 (10)	8	M8	38.3 (41.3)	27.0	13
110	14	50	85	115	131	—	—	15	—	—	6	—	—	M10X18 (n,4)	45°	45°	230	—	—	170	—	—	14 (n,4)	—	—	280	—	—	260	—	—	12	8	M10	45.3	31.0	35
130	15	60	100	120	140	—	—	15	—	—	6	—	—	M12X21 (n,4)	45°	22.5	255	—	—	180	—	—	16 (n,4)	—	—	320	—	—	290	—	—	14	8	M10	48.8	33.0	48
150	18	72.5	120	145	155	—	—	15	—	—	6	—	—	M12X21 (n,4)	45°	22.5	255	—	—	180	—	—	16 (n,4)	—	—	320	—	—	290	—	—	14	10	M12	53.8	38.0	84

CARACTERÍSTICAS TÉCNICAS DE LOS MOTORREDUCTORES SINFIN CORONA

Motor Kw		n2 rpm	i	M2 Nm	f.s	Tipo Type
0.06	4P n1=1400	186	7.5	2.6	4.2	SM 025
		140	10	3.4	3.5	
		94	15	4.9	2.5	
		70	20	6.1	2.0	
		47	30	8.2	1.6	
		35	40	10.2	1.3	
		28	50	11.3	0.9	
		24	60	11	0.7	
		24	60	12.5	1.3	
		18	80	13.5	0.9	
0.09	2P n1=2800	374	7.5	2.0	3.9	SM 025
		280	10	2.6	3.4	
		186	15	3.8	2.4	
	4P n1=1400	186	7.5	3.9	2.8	
		140	10	5.1	2.4	
		94	15	7.3	1.6	
		70	20	9.2	1.3	
		47	30	12.3	1.1	
		35	40	13	0.9	
		186	7.5	3.9	4.6	
		140	10	5.0	3.6	
		94	15	7.1	2.5	
0.12	4P n1=1400	70	20	9.0	2.0	SM 030
		56	25	10.4	2.8	
		47	30	12	1.1	
		35	40	14.5	1.2	
		28	50	16.9	1.0	
		24	60	16.9	0.9	
		28	50	19	2.0	
		24	60	21.4	1.7	
		18	80	25.5	1.3	
		14	100	28.9	1.0	
	6P n1=900	120	7.5	5.9	3.4	SM 030
		11	80	37	1.0	SM 040
		9	100	41	0.8	
		11	80	37	1.8	SM 050
		9	100	42	1.3	

Motor Kw		n2 rpm	i	M2 Nm	f.s	Tipo Type
0.18	2P n1=2800	374	7.5	4.0	3.2	SM 030
		280	10	5.2	2.5	
		186	15	7.5	1.7	
	4P n1=1400	186	7.5	8.0	2.3	
		140	10	10	1.8	
		94	15	14	1.3	
		70	20	18	1.0	
		56	25	20	1.0	
		70	20	19	2.0	
		56	25	23	1.7	
		47	30	26	1.7	
		35	40	32	1.3	
0.25	4P n1=1400	28	50	38	1.0	SM 040
		24	60	43	0.8	
		35	40	32	2.3	
		28	50	38	1.9	
		24	60	43	1.6	
		18	80	53	1.2	
		14	100	55	0.9	
	6P n1=900	18	50	56	1.4	
		15	60	63	1.1	
		11	80	75	0.9	
		11	80	79	1.6	
		9	100	90	1.4	
0.37	2P n1=2800	374	7.5	5.6	2.3	SM 050
		280	10	7.2	1.8	
		186	15	10	1.3	
	4P n1=1400	186	7.5	11	3.6	
		140	10	14	2.8	
		94	15	20	1.9	
		70	20	26	1.5	
		56	25	31	1.2	
		47	30	36	1.3	
		35	40	44	0.9	
		70	20	26	2.7	
		56	25	32	2.2	
		47	30	36	2.3	
0.50	4P n1=1400	35	40	45	1.7	SM 063
		28	50	53	1.4	
		24	60	60	1.1	
		18	80	65	0.9	
		24	60	63	2.0	
		18	80	77	1.6	
		14	100	85	1.4	
	6P n1=900	120	7.5	17	2.6	
		15	60	92	1.5	
		11	80	110	1.2	
		9	100	125	1.0	
		11	80	110	1.2	

CARACTERÍSTICAS TÉCNICAS DE LOS MOTORREDUCTORES SINFIN CORONA

Motor Kw		n2 rpm	i	M2 Nm	f.s	Tipo Type
0.37	4P n1=1400	28	50	73	0.9	SM 050
		24	60	89	0.8	
		35	40	70	2.1	SM 063
		28	50	83	1.6	
		24	60	95	1.4	
		18	80	114	1.1	
		14	100	118	0.9	SM 075
		24	60	98	2.0	
		18	80	121	1.6	
	14	100	139	1.3		
	6P n1=900	120	7.5	25	3.3	SM 050
		15	60	137	1.0	SM 063
15		60	144	1.5	SM 075	
11		80	173	1.2		
9		100	196	1.0		
0.55	2P n1=2800	374	7.5	13	2.2	SM 040
		280	10	17	1.8	
		186	15	24	1.5	
	4P n1=1400	186	7.5	25	2.9	SM 050
		140	10	32	2.2	
		94	15	46	1.6	
		70	20	60	1.2	
		56	25	71	1.0	
		47	30	81	1.0	
		70	20	60	2.2	SM 063
		56	25	72	1.8	
		47	30	80	1.9	
		35	40	104	1.4	
		28	50	123	1.1	
		24	60	140	0.9	SM 075
		35	40	108	2.0	
		28	50	129	1.6	
		24	60	146	1.4	
		18	80	180	1.1	
		14	100	206	0.9	SM 090
		18	80	189	1.5	
	14	100	221	1.2		
	6P n1=900	18	80	201	2.4	SM 110
		14	100	236	1.9	
		120	7.5	38	2.2	SM 050
		18	50	187	1.2	SM 075
		15	60	214	1.0	
15		60	224	1.6	SM 090	
11		80	275	1.1		
9		100	315	0.9	SM 110	
11	80	294	1.8			
9	100	338	1.4			
0.75	2P n1=2800	373	7.5	17	3.0	SM 050
		280	10	23	2.4	
		186	15	33	1.7	
	4P n1=1400	186	7.5	34	2.1	SM 050
		140	10	44	1.6	
		94	15	63	1.2	
		70	20	81	0.9	SM 063
		94	15	63	2.2	
		70	20	82	1.6	
		56	25	99	1.3	
		47	30	109	1.4	
		35	40	143	1.0	
		47	30	116	2.0	SM 075
		35	40	147	1.4	
		28	50	176	1.2	
24	60	200	1.0			

Motor Kw		n2 rpm	i	M2 Nm	f.s	Tipo Type	
0.75	4P n1=1400	28	50	184	1.8	SM 090	
		24	60	212	1.5		
		18	80	257	1.1		
		14	100	270	0.9	SM 110	
		18	80	274	1.8		
		14	100	322	1.4		
	6P n1=900	120	7.5	52	2.9	SM 063	
		18	50	271	1.4	SM 090	
		15	60	306	1.1		
		15	60	325	1.9		SM 110
		11	80	401	1.3		
		9	100	462	1.1		
1.10	2P n1=2800	374	7.5	25	2.1	SM 050	
		280	10	33	1.6		
		186	15	48	1.2		
	4P n1=1400	186	7.5	49	2.6	SM 063	
		140	10	65	2.0		
		94	15	93	1.5		
		70	20	121	1.1		
		56	25	149	0.9		
		47	30	167	1.0		
		70	20	122	1.7	SM 075	
		56	25	149	1.3		
		47	30	170	1.3		
		35	40	216	1.0		
		35	40	225	1.6	SM 090	
		28	50	271	1.3		
		24	60	311	1.0	SM 110	
		24	60	324	1.7		
		18	80	410	1.2	SM 130	
		14	100	460	1.0		
		18	80	408	2.1	SM 063	
		14	100	480	1.5		
	6P n1=900	120	7.5	76	2.0	SM 063	
		18	50	414	1.6	SM 110	
		15	60	476	1.3		
		11	80	588	0.9	SM 130	
		11	80	598	1.4		
		9	100	689	1.1		
1.50	2P n1=2800	374	7.5	35	2.7	SM 063	
		280	10	46	2.1		
		186	15	66	1.6		
	4P n1=1400	186	7.5	68	1.9	SM 075	
		140	10	89	1.5		
		94	15	127	1.1		
		70	20	166	0.8		
		140	10	90	2.2		SM 090
		94	15	130	1.5		
		70	20	167	1.3		
		56	25	200	1.0		
		47	30	230	1.0		
		56	25	209	1.6	SM 110	
		47	30	236	1.7		
		35	40	306	1.2		
		28	50	369	0.9		
		24	60	424	0.8		
		28	50	375	1.6	SM 130	
		24	60	442	1.3		
		18	80	490	0.9		
		24	60	450	1.9	SM 130	
18	80	547	1.5				
14	100	652	1.1				

CARACTERÍSTICAS TÉCNICAS DE LOS MOTORREDUCTORES SINFIN CORONA

Motor Kw		n2 rpm	i	M2 Nm	f.s	Tipo Type
1.50	6P n1=900	120	7.5	105	2.0	SM 075
		15	60	649	1.0	SM 110
		15	60	659	1.4	SM 130
		11	80	815	1.1	
2.20	2P n1=2800	374	7.5	51	1.8	SM 063
		280	10	67	1.5	
		186	15	97	1.1	
	4P n1=1400	186	7.5	100	1.8	SM 075
		140	10	132	1.5	
		94	15	191	1.0	
		94	15	191	1.0	
		186	7.5	101	2.9	SM 090
		140	10	133	2.3	
		94	15	193	1.9	
		70	20	251	1.4	
		56	25	307	1.1	SM 110
		47	30	346	1.2	
		70	20	256	2.2	
		56	25	316	1.9	
		47	30	355	1.8	SM 075
		35	40	462	1.3	
		28	50	550	1.1	
		24	60	648	0.9	
	6P n1=900	120	7.5	156	2.2	SM 075
		18	50	840	1.2	SM 130
		15	60	966	1.0	

Motor Kw		n2 rpm	i	M2 Nm	f.s	Tipo Type
4.00	2P n1=2800	374	7.5	93	1.4	SM 075
		280	10	123	1.2	SM 090
		374	7.5	94	2.2	
		280	10	123	1.9	SM 075
	4P n1=1400	186	7.5	182	1.0	
		140	10	240	0.8	SM 090
		186	7.5	184	1.6	
		140	10	243	1.3	
		94	15	352	1.0	SM 110
		70	20	458	0.8	
		186	7.5	184	2.4	
		140	10	243	2.1	SM 130
		94	15	352	1.6	
		70	20	464	1.2	
		56	25	573	1.0	
5.50	6P n1=900	47	30	646	1.0	SM 110
		56	25	572	1.6	
		47	30	655	1.6	
		35	40	857	1.2	SM 130
		28	50	1023	1.0	
		24	60	1179	0.8	
		120	7.5	283	2.0	SM 110
		45	20	713	1.5	SM 130
		36	25	870	1.2	
	4P n1=1400	186	7.5	253	1.9	SM 110
		140	10	334	1.6	
		94	15	484	1.2	
		70	20	638	0.9	
7.50	4P n1=1400	186	7.5	256	3.0	SM 130
		140	10	334	2.5	
		94	15	490	1.9	
		70	20	645	1.4	
		56	25	788	1.2	SM 110
		47	30	900	1.2	
		35	40	1171	0.9	
		186	7.5	345	1.4	SM 130
		140	10	455	1.1	
		94	15	660	0.9	
		186	7.5	349	2.1	
9.20	4P n1=1400	140	10	455	1.8	SM 130
		94	15	667	1.4	
		70	20	880	1.0	
		56	25	1074	0.9	
		47	30	1228	0.8	SM 110
		35	40	1596	0.7	
		186	7.5	428	1.8	
		140	10	559	1.5	
9.20	4P n1=1400	94	15	819	1.1	SM 130
		70	20	1079	0.8	
		56	25	1318	0.7	

CARACTERÍSTICAS TÉCNICAS DE LOS MOTORREDUCTORES SIN FIN CORONA CON PRERREDUCCIÓN

Motor Kw	n2 rpm	i	M2 Nm	f.s	Tipo Type
0.09	6P n1=900	12	75	47	1.3
		10	90	51	1.4
		7.5	120	62	1.1
		6.0	150	72	0.8
		5.0	180	79	0.7
	6P n1=900	6.0	150	73	1.6
		5.0	180	81	1.3
		3.8	240	94	0.9
		3.0	300	106	0.7
		3.8	240	99	1.7
		3.0	300	109	1.4
0.12	4P n1=1400	18.7	75	42	1.2
		15.6	90	46	1.2
		11.7	120	57	0.9
		9.3	150	66	0.7
		7.8	180	74	0.6
	4P n1=1400	9.3	150	68	1.3
		7.8	180	75	1.1
		5.8	240	88	0.8
		4.7	300	98	0.7
		5.8	240	92	1.5
		4.7	300	103	1.2
0.18	6P n1=900	12	75	62	1.0
		10	90	68	1.1
		7.5	120	83	0.8
	6P n1=900	12	75	63	1.7
		10	90	70	2.1
		7.5	120	84	1.5
		6.0	150	97	1.2
		5.0	180	108	1.0
	6P n1=900	3.8	240	125	0.7
		6.0	150	101	2.1
		5.0	180	112	1.8
		3.8	240	131	1.3
		3.0	300	145	1.0

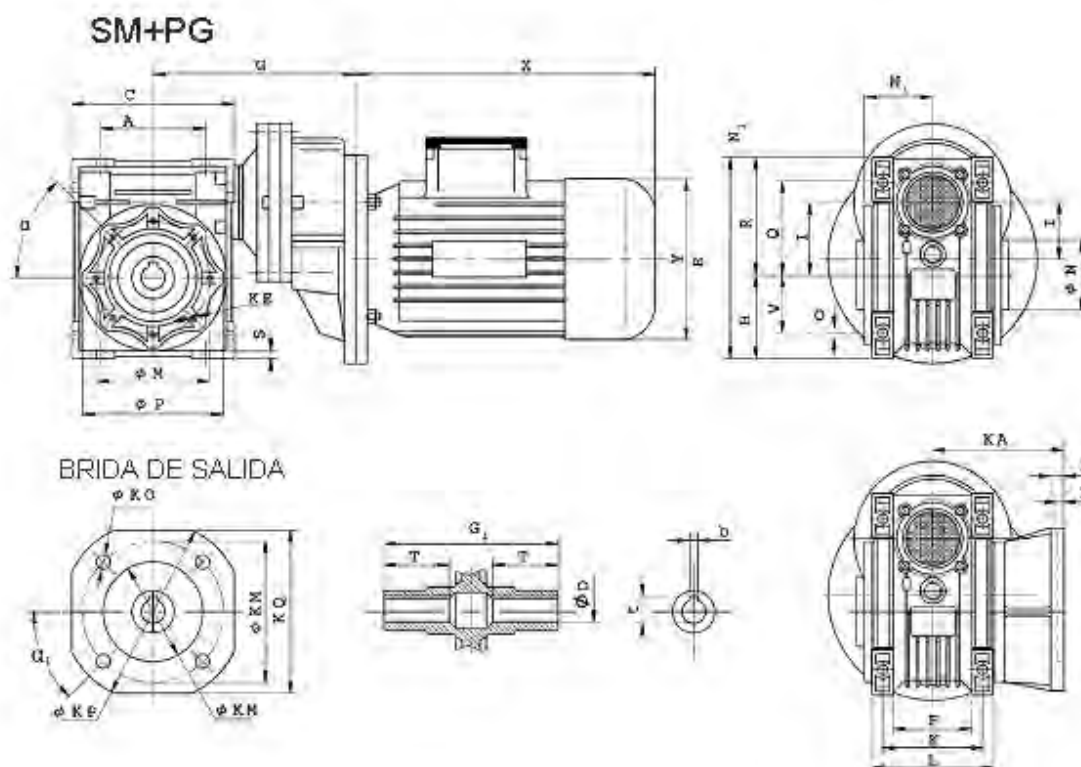
Motor Kw	n2 rpm	i	M2 Nm	f.s	Tipo Type
0.25	4P n1=1400	18.7	75	88	1.0
		15.6	90	98	1.1
		11.7	120	121	0.8
	4P n1=1400	18.7	75	91	1.8
		15.6	90	100	2.0
		11.7	120	125	1.5
		9.3	150	143	1.2
		7.8	180	163	1.0
	4P n1=1400	5.8	240	192	0.7
		4.7	300	215	0.6
0.37	4P n1=1400	9.3	150	151	1.7
		7.8	180	172	1.4
		5.8	240	201	1.1
		4.7	300	230	0.9
	6P n1=900	12	75	135	1.6
		10	90	148	1.8
		7.5	120	181	1.3
		6.0	150	211	1.0
		12	75	139	2.4
0.55	4P n1=1400	10	90	155	2.5
		7.5	120	191	1.9
		6.0	150	219	1.5
		5.0	180	248	1.2
	6P n1=900	5.0	180	263	1.9
		3.8	240	318	1.4
		3.0	300	358	1.1
	4P n1=1400	18.7	75	134	1.2
		15.6	90	148	1.4
		11.7	120	185	1.0
		9.3	150	212	0.8
	4P n1=1400	18.7	75	138	1.8
		15.6	90	154	1.9
		11.7	120	191	1.5
		9.3	150	223	1.1
		7.8	180	254	0.9

CARACTERÍSTICAS TÉCNICAS DE LOS MOTORREDUCTORES SIN FIN CORONA CON PRERREDUCCIÓN

Motor Kw		n2 rpm	i	M2 Nm	f.s	Tipo Type		
0.55	4P n1=1400	7.8	180	425	1.7	PC 080 SM 110		
		5.8	240	513	1.2			
		4.7	300	597	1.0			
	6P n1=900	12	75	306	1.1	PC 080 SM 075		
		10	90	341	1.1			
		10	90	357	2.0	PC 080 SM 090		
		7.5	120	441	1.4			
		6.0	150	516	1.1			
		5.0	180	578	0.9	PC 080 SM 110		
		7.5	120	462	2.2			
		6.0	150	552	1.8			
		5.0	180	620	1.5	PC 080 SM 130		
		3.8	240	756	1.0			
		3.8	240	756	1.6			
0.75	4P n1=1400	3.0	300	858	1.3	PC 080 SM 130		
		18.7	75	280	0.9			
		15.6	90	313	1.0			
		15.6	90	327	1.7	PC 080 SM 090		
		11.7	120	405	1.2			
		9.3	150	483	0.9			
		7.8	180	543	0.7	PC 080 SM 110		
		11.7	120	430	1.9			
		9.3	150	506	1.6			
	6P n1=900	7.8	180	580	1.2	PC 090 SM 110		
		5.8	240	700	0.9			
		5.8	240	712	1.4			
		4.7	300	813	1.1	PC 090 SM 130		
		12.4	72.6	393	2.8			
		9.3	96.8	508	2.0			
		7.4	121	607	1.6	PC 090 SM 130		
		6.2	145	682	1.3			
		4.6	193	832	0.9			
1.10	4P n1=1400	12.4	72.6	399	4.4	PC 090 SM 130		
		9.3	96.8	508	3.2			
		7.4	121	607	2.6			
		6P n1=900	6.2	145	682	2.1	PC 090 SM 130	
			4.6	193	832	1.5		
			3.7	242	944	1.2		
			4P n1=1400	19.3	72.6	392	2.2	PC 090 SM 110
				14.5	96.8	508	1.6	
				11.6	121	599	1.3	
	6P n1=900			9.6	145	686	1.0	PC 090 SM 130
				7.2	193	828	0.8	
				19.3	72.6	398	3.5	
		6P n1=900		14.5	96.8	508	2.6	PC 090 SM 130
				11.6	121	608	2.0	
				9.6	145	686	1.6	
			6P n1=900	7.2	193	843	1.2	PC 090 SM 130
				5.8	242	962	0.9	
				12.4	72.6	576	1.9	
6P n1=900	9.3			96.8	746	1.4	PC 090 SM 110	
	7.4			121	890	1.1		
	6.2			145	1000	0.9		
	6P n1=900	12.4		72.6	585	3.0	PC 090 SM 130	
		9.3		96.8	746	2.2		
		7.4		121	890	1.7		
		6.2	145	1000	1.4	PC 090 SM 130		
		4.6	193	1220	1.0			

Motor Kw		n2 rpm	i	M2 Nm	f.s	Tipo Type
1.50	4P n1=1400	19.3	72.6	535	1.6	PC 090 SM 110
		14.5	96.8	693	1.2	
		11.6	121	817	1.0	
		9.6	145	936	0.8	PC 090 SM 130
		19.3	72.6	542	2.6	
		14.5	96.8	693	1.9	
		11.6	121	830	1.5	
		9.6	145	936	1.1	
7.2	193	1149	0.8			
2.20	2P n1=2800	38.6	72.6	398	1.8	PC 090 SM 110
		28.9	96.8	516	1.3	
		23.1	121	617	1.1	
		38.6	72.6	409	2.9	PC 090 SM 130
		28.9	96.8	545	2.0	
		23.1	121	654	1.6	
		19.3	145	752	1.3	

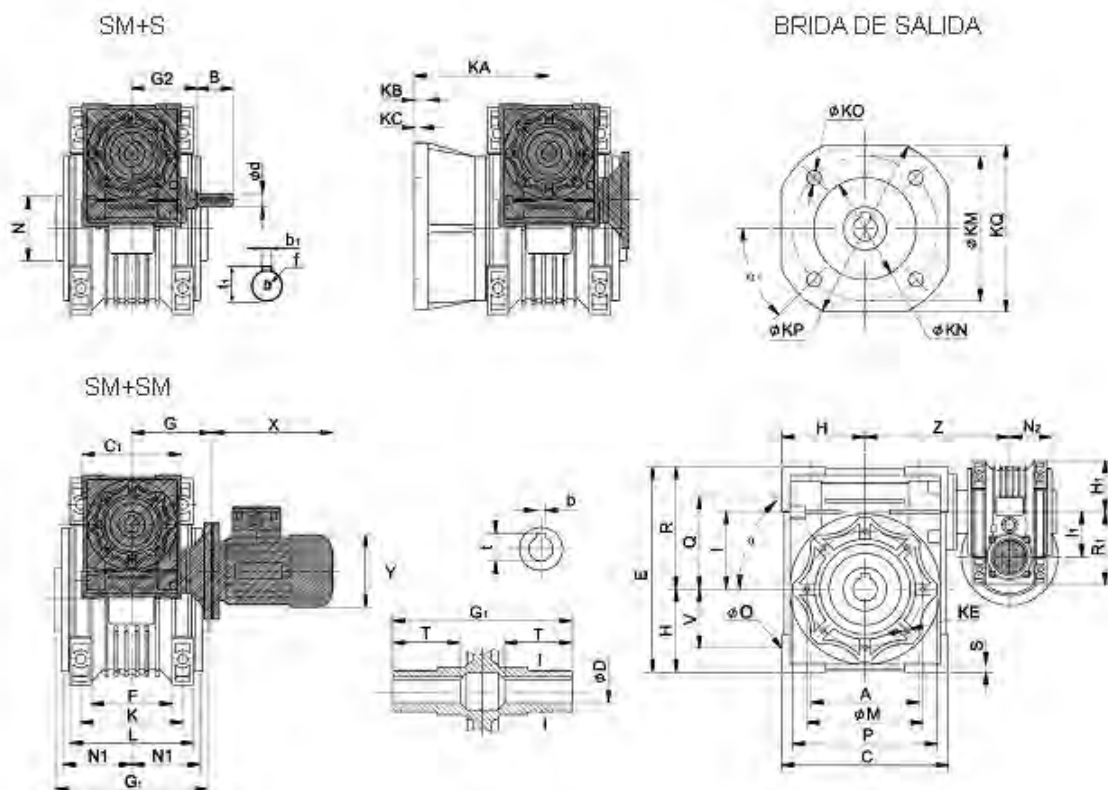
TIPO SM+PC DIMENSIONES DE LA INSTALACIÓN



Size	A	C	D(H7)	E	F	G	G ₁	H	I ₁	I ₂	I ₃	M	N(h8)	N ₁	O	P	Q	R	S	T	V	K	KA			KB			KC	KE	α	α ₁
																							F	FB	FL	F	FB	FL				
40/63	70	100	18(19)	121.5	43	123	123	50	40	40	71	75	60	36.5	6.5	87	55	71.5	6.5	25	35	60	67	76.5	97	7	9	7	4(5)	M6 x 8 (n.4)	45°	45°
50/63	80	120	25(24)	144	49	133	133	60	50	40	85	85	70	43.5	8.5	100	64	84	7	30	40	70	90	87.5	120	9	10	9	5(5)	M8 x 10 (n.4)	45°	45°
50/71	80	120	25(24)	144	49	143	143	60	50	50	85	85	70	43.5	8.5	100	64	84	7	30	40	70	90	87.5	120	9	10	9	5(5)	M8 x 10 (n.4)	45°	45°
63/63	100	144	25(28)	174	67	148	148	72	63	40	103	95	80	53	8.5	110	80	102	8	36	50	85	82	99	112	10	11	10	6(5)	M8 x 14 (n.8)	45°	45°
63/71	100	144	25(28)	174	67	158	158	72	63	50	103	95	80	53	8.5	110	80	102	8	40	50	85	82	99	112	10	11	10	6(5)	M8 x 14 (n.8)	45°	45°
75/71	120	172	28(35)	205	72	176	176	86	75	50	112	115	95	57	11	140	93	119	10	40	60	90	111	-	-	13	-	-	6	M8 x 14 (n.8)	45°	45°
75/80	120	172	28(35)	205	72	186	186	86	75	63	112	115	95	57	11	140	93	119	10	40	60	90	111	-	-	13	-	-	6	M8 x 14 (n.8)	45°	45°
90/71	140	208	35(38)	238	74	193	193	103	90	50	130	130	110	67	13	160	102	135	11	45	70	100	111	-	-	13	-	-	6	M10x18(n.8)	45°	45°
90/80	140	208	35(38)	238	74	203	203	103	90	63	130	130	110	67	13	160	102	135	11	45	70	100	111	-	-	13	-	-	6	M10x18(n.8)	45°	45°
110/80(90)	170	252.5	42	295	-	233	233	127.5	110	63	144	165	130	74	14	200	125	167.5	14	50	85	115	131	-	-	15	-	-	6	M10x18(n.8)	45°	45°
130/80(90)	200	292.5	45	335	-	253	253	147.5	130	63	155	215	180	81	16	250	140	187.5	15	60	100	120	140	-	-	15	-	-	6	M12x21(n.8)	45°	45°

Size	KM			KN (H8)			KO			KP			KQ			b	t	Kg
	A	FB	FL	F	FB	FL	F	FB	FL	F	FB	FL	F	FB	FL			
40/63	87	115	87	60	95	60	9(n.4)	9.5(n.4)	9(n.4)	110	140	110	95	-	95	6(6)	20.8 (21.8)	3.9
50/63	90	130	90	70	110	70	11(n.4)	9.5(n.4)	11(n.4)	125	160	125	110	-	110	8(8)	28.3 (27.3)	5.2
50/71	90	130	90	70	110	70	11(n.4)	9.5(n.4)	11(n.4)	125	160	125	110	-	110	8(8)	28.3 (27.3)	5.8
63/63	150	165	150	115	130	115	11(n.4)	11(n.4)	11(n.4)	180	200	180	142	-	142	8(8)	28.3 (31.3)	7.9
63/71	150	165	150	115	130	115	11(n.4)	11(n.4)	11(n.4)	180	200	180	142	-	142	8(8)	28.3 (31.3)	8.5
75/71	165	-	-	130	-	-	14(n.4)	-	-	200	-	-	170	-	-	8(10)	31.3 (38.3)	11.3
75/80	165	-	-	130	-	-	14(n.4)	-	-	200	-	-	170	-	-	8(10)	31.3 (38.3)	13.1
90/71	175	-	-	152	-	-	14(n.4)	-	-	210	-	-	200	-	-	10(10)	38.3 (41.3)	15.3
90/80	175	-	-	152	-	-	14(n.4)	-	-	210	-	-	200	-	-	10(10)	38.3 (41.3)	17.2
110/80(90)	230	-	-	170	-	-	14(n.8)	-	-	280	-	-	260	-	-	12	45.3	39
130/80(90)	235	-	-	180	-	-	16(n.8)	-	-	320	-	-	290	-	-	14	48.8	52.2

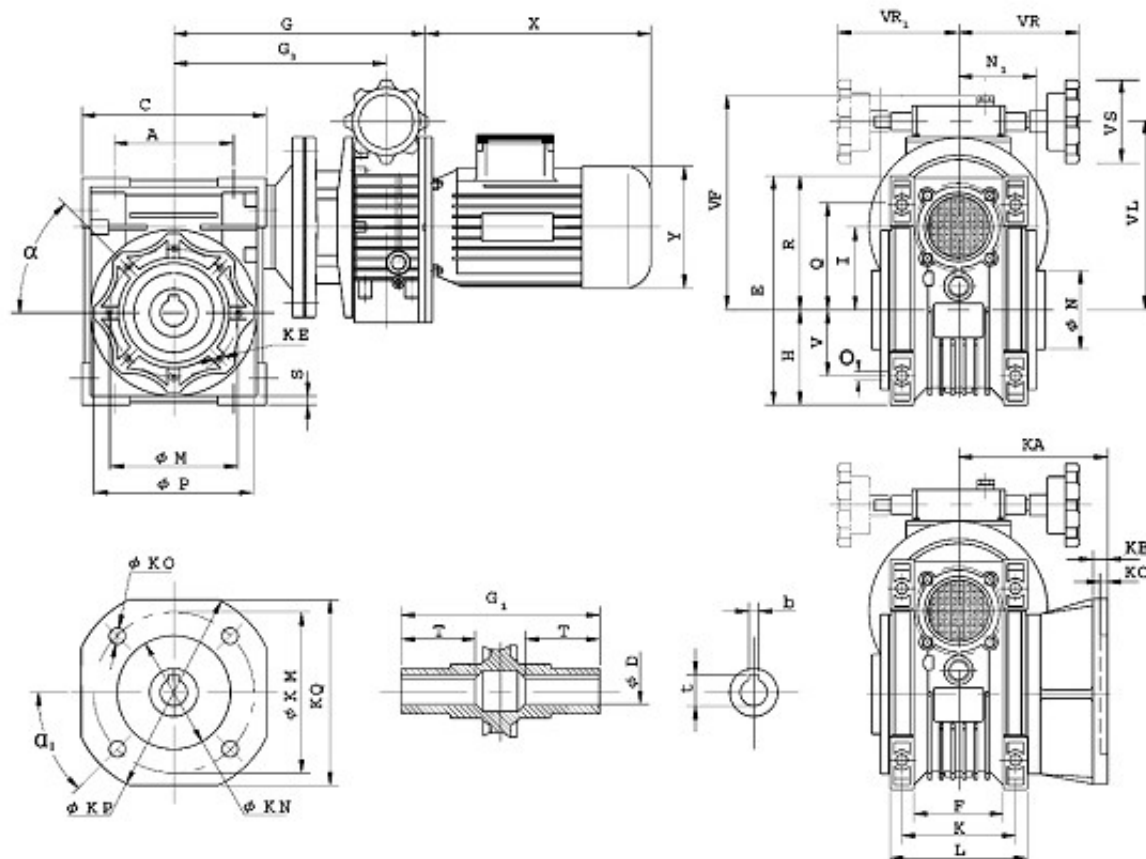
TIPO SM (DOBLE SIN FIN CORONA) DIMENSIONES DE LA INSTALACIÓN



Size	A	B	C	C ₁	D(H7)	d(j6)	E	F	G	G ₁	G ₂	H	H ₁	I	I ₁	L	M	N(h8)	M ₁	N ₂	O	P	Q	R	R ₁	S	T	V	Z	K	KA		
																															F	FB	FL
25/30	54	-	80	70	14	-	97	32	45	63	-	40	35	30	25	55	65	55	29	22.5	6.5	7.5	44	57	48	5.5	21	27	100	44	54.5	-	-
25/40	70	-	100	70	18 (19)	-	121.5	43	45	78	-	50	35	40	25	71	75	60	36.5	22.5	6.5	87	55	71.5	48	6.5	26	35	115	60	67	76.5	97
30/40	70	20	100	80	18 (19)	9	121.5	43	55	78	51	50	40	40	30	71	75	60	36.5	29	6.5	87	55	71.5	57	6.5	26	35	120	60	67	76.5	97
30/50	80	20	120	80	25 (24)	9	144	49	55	92	51	60	40	50	30	85	85	70	43.5	29	8.5	100	64	84	57	7	30	40	130	70	90	87.5	120
30/63	100	20	144	80	25 (28)	9	174	67	55	112	51	72	40	63	30	103	95	80	53	29	8.5	110	80	102	57	8	36	50	145	85	82	99	112
40/75	120	23	172	100	28 (35)	11	205	72	70	120	60	86	50	75	40	112	115	95	57	36.5	11	140	93	119	71.5	10	40	60	165	90	111	-	-
40/90	140	23	208	100	35 (38)	11	238	74	70	140	60	103	50	90	40	130	130	110	67	36.5	13	160	102	135	71.5	11	45	70	182	100	111	-	-
50/110	170	30	252.5	120	42	14	295	-	80	155	74	127.5	60	110	50	144	165	130	74	43.5	14	200	125	167.5	84	14	50	85	225	115	131	-	-
63/130	200	40	292.5	144	45	19	335	-	95	170	90	147.5	72	130	63	155	215	180	81	53	16	250	140	187.5	102	15	60	100	245	120	140	-	-
63/150	240	40	340	144	50	19	400	-	95	200	90	170	72	150	63	185	215	180	96	53	18	250	180	230	102	18	72.5	120	275	145	155	-	-

KB			KC	KE	α	α_1	KM			KN (H8)			KO			KP			KQ			b	b ₁	f	t	t ₁	Kg
F	FB	FL					F	FB	FL	F	FB	FL	F	FB	FL	F	FB	FL	F	FB	FL						
6	-	-	4	M6x11(n,4)	90°	90°	68	-	-	50	-	-	6.5 (n,4)	-	-	80	-	-	70	-	-	5	-	-	16.3	-	2.1
7	9	7	4(5)	M6x8(n,4)	45°	90°	87	115	87	60	95	60	9 (n,4)	9.5(n,4)	9(n,4)	110	140	110	95	-	95	6 (6)	95	-	20.8(21.8)	-	3.2
7	9	7	4(5)	M6x8(n,4)	45°	90°	87	115	87	60	95	60	9 (n,4)	9.5(n,4)	9(n,4)	110	140	110	110	-	110	6 (6)	110	-	20.8(21.8)	10.2	3.9
9	10	9	5(5)	M8x10(n,4)	45°	90°	90	130	90	70	110	70	11 (n,4)	9.5(n,4)	11(n,4)	125	160	125	110	-	110	8 (8)	110	-	82.3(27.3)	10.2	5.0
10	11	10	6(5)	M8x14(n,8)	45°	90°	150	165	150	115	130	115	11 (n,4)	11(n,4)	11(n,4)	180	200	180	142	-	142	8 (8)	142	-	28.3(31.3)	10.2	7.8
13	-	-	6	M8x14(n,8)	45°	90°	165	-	-	130	-	-	14 (n,4)	-	-	200	-	-	170	-	-	8(10)	-	-	31.3(38.3)	12.5	12.0
13	-	-	6	M10x18(n,8)	45°	90°	175	-	-	152	-	-	14 (n,4)	-	-	210	-	-	200	-	-	10(10)	-	-	38.3(41.3)	12.5	16.0
15	-	-	6	M10x18(n,8)	45°	45°	230	-	-	170	-	-	14 (n,8)	-	-	280	-	-	260	-	-	12	-	M6	45.3	16.0	39.2
15	-	-	6	M12x21(n,8)	45°	22.5°	255	-	-	180	-	-	16 (n,8)	-	-	320	-	-	290	-	-	14	-	M6	48.8	21.5	55.0
15	-	-	6	M12x21(n,8)	45°	22.5°	255	-	-	180	-	-	16 (n,8)	-	-	320	-	-	290	-	-	14	-	M6	53.8	21.5	93

TIPO SM+MV (SINFÍN CORONA + VARIADOR MECÁNICO) DIMENSIONES DE LA INSTALACIÓN



Size	α	α ₁	A	K	KC			KE	KM			KN (H8)			KO			M	N(h8)	N ₁	O	Q	S	V	b	D (H7)	t	T
					F	FB	FL		F	FB	FL	F	FB	FL	F	FB	FL											
40/0.18	45°	45°	70	60	4	5	4	M6x8(n,4)	87	115	87	60	95	60	9 (n,4)	9.5 (n,4)	9 (n,4)	75	60	36.5	6.5	55	6.5	35	6(6)	18(19)	20.8 (21.8)	26
50/0.18	45°	45°	80	70	5	5	5	M6x10(n,4)	90	130	90	70	110	70	11 (n,4)	9.5 (n,4)	11 (n,4)	85	70	43.5	8.5	64	7	40	8(8)	25(24)	28.3 (27.3)	30
50/0.37																												
63/0.37	45°	45°	100	85	6	5	6	M8x14(n,8)	150	165	150	115	130	115	11 (n,4)	11 (n,4)	11 (n,4)	95	80	53	8.5	80	8	50	8(8)	25(28)	28.3 (31.3)	36
63/0.55																												
63/0.75																												
75/0.37	45°	45°	120	90	6	-	-	M8x14(n,8)	165	-	-	130	-	-	14 (n,4)	-	-	115	95	57	11	93	10	60	8(10)	28(35)	31.3 (38.3)	40
75/0.55																												
75/0.75																												
75/1.1																												
75/1.5																												
90/0.55																												
90/0.75	45°	45°	140	110	6	-	-	M10x18(n,8)	175	-	-	152	-	-	14 (n,4)	-	-	130	110	67	13	102	11	70	10(10)	35(38)	38.3 (41.3)	45
90/1.1																												
90/1.5																												
110/1.1																												
110/1.5	45°	45°	170	115	6	-	-	M10x18(n,8)	230	-	-	170	-	-	14 (n,8)	-	-	165	130	74	14	125	14	85	12	42	45.3	50
110/2.2																												
110/3.0																												
110/4.0																												
130/1.5	45°	22.5°	200	120	6	-	-	M12x21(n,8)	255	-	-	180	-	-	16 (n,8)	-	-	215	180	81	16	140	15	100	14	45	48.8	60
130/2.2																												
130/3.0																												
130/4.0																												

Reductor Sinfín Corona

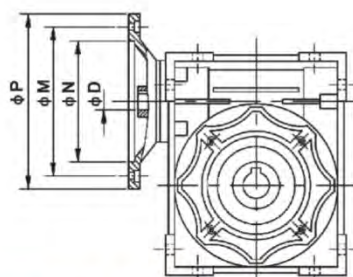


Size	C	E	F	G	G ₁	G ₂	H	I	KA			FB			KP			KQ			L	P	R	VF	VL	VS	VR	VR ₁
									F	FB	FL	F	FB	FL	F	FB	FL	F	FB	FL								
40/0.18	100	121.5	43	183	78	134	50	40	67	76.5	97	7	9	7	110	140	110	95	-	95	71	87	71.5	151	118	85	110	110
50/0.18	120	144	49	193	92	145	60	50	90	87.5	120	9	10	9	125	160	125	110	-	110	85	100	84	161	128	85	110	110
50/0.37				190		154																		173	140	85	110	110
63/0.37	144	174	67	205	112	169	72	63	82	99	112	10	11	10	180	200	180	142	-	142	103	110	102	186	153	85	110	110
63/0.55				234		181																		203	170	110	120	120
63/0.75				234		181																		203	170	110	120	120
75/0.37	172	205	72	223	120	187	86	75	111	-	-	13	-	-	200	-	-	170	-	-	112	140	119	198	165	85	110	110
75/0.55				252		198																		215	182	110	120	120
75/0.75				252		198																		215	182	110	120	120
75/1.1				259.5		207.5																		199	177	110	150	-
75/1.5				300.5		227.5																		219	197	110	150	-
90/0.55	208	238	74	269	140	215	103	90	111	-	-	13	-	-	210	-	-	200	-	-	130	160	135	230	197	110	120	120
90/0.75				269		215																		230	197	110	120	120
90/1.1				276.5		224.5																		214	192	110	150	-
90/1.5				317.5		244.5																		234	212	110	150	-
110/1.1	252.5	295	-	307	155	255	128	110	131	-	-	15	-	-	280	-	-	260	-	-	144	200	168	234	212	110	120	-
110/1.5				348		275																		254	232	110	150	-
110/2.2				368		291																		298	260	110	160	-
110/3.0				368		291																		298	260	110	160	-
110/4.0				368		291																		298	260	110	160	-
130/1.5	292.5	335	-	368	170	295	148	130	140	-	-	15	-	-	320	-	-	290	-	-	155	250	188	274	252	110	150	-
130/2.2				388		311																		318	280	110	160	-
130/3.0				388		311																		318	280	110	160	-
130/4.0				388		311																		318		110	160	-

DIMENSIONES DE ACCESORIOS

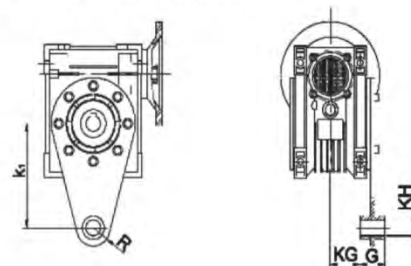


Brida Motor



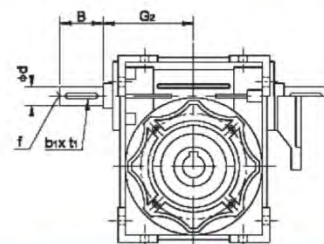
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25	56B14	50	65	80	9	9	9	9	-	9	9	9	9	-	-
30	63B5	95	115	140	11	11	11	11	11	11	11	11	-	-	-
	63B14	60	75	90	-	-	-	-	-	-	-	-	-	-	-
	56B5	80	100	120	9	9	9	9	9	9	9	9	9	9	-
	56B14	50	65	80	-	-	-	-	-	-	-	-	-	-	-
40	71B5	110	130	160	14	14	14	14	14	14	14	-	-	-	-
	71B14	70	85	105	-	-	-	-	-	-	-	-	-	-	-
	63B5	95	115	140	11	11	11	11	11	11	11	11	11	11	11
	63B14	60	75	90	-	-	-	-	-	-	-	9	9	9	9
50	80B5	130	165	200	19	19	19	19	19	19	-	-	-	-	-
	80B14	80	100	120	-	-	-	-	-	-	-	-	-	-	-
	71B5	110	130	160	14	14	14	14	14	14	14	14	14	14	-
	71B14	70	85	105	-	-	-	-	-	-	11	11	11	11	11
63	90B5	130	165	200	24	24	24	24	24	24	-	-	-	-	-
	90B14	95	115	140	-	-	-	-	-	-	-	-	-	-	-
	80B5	130	165	200	19	19	19	19	19	19	19	19	19	-	-
	80B14	80	100	120	-	-	-	-	-	-	-	-	-	-	-
75	71B5	110	130	160	-	-	-	-	-	-	14	14	14	14	14
	71B14	70	85	105	-	-	-	-	-	-	-	-	-	-	-
	100/112B5	180	215	250	28	28	28	-	-	-	-	-	-	-	-
	100/112B14	110	130	160	-	-	-	-	-	-	-	-	-	-	-
90	90B5	130	165	200	24	24	24	24	24	24	24	24	24	-	-
	90B14	95	115	140	-	-	-	-	-	-	-	-	-	-	-
	80B5	130	165	200	-	-	-	-	-	-	19	19	19	19	19
	80B14	80	100	120	-	-	-	-	-	-	-	-	-	-	-
110	132B5	230	265	300	38	38	38	38	38	38	-	-	-	-	-
	100/112B5	180	215	250	28	28	28	28	28	28	28	28	28	-	-
	90B5	130	165	200	-	-	-	-	-	-	24	24	24	24	24
	80B5	130	165	200	-	-	-	-	-	-	-	-	-	19	19
130	132B5	230	265	300	38	38	38	38	38	38	-	-	-	-	-
	100/112B5	180	215	250	-	-	-	-	-	-	28	28	28	28	28
	90B5	130	165	200	-	-	-	-	-	-	-	-	-	24	24
	160B5	250	300	350	42	42	42	42	-	-	-	-	-	-	-
150	132B5	230	265	300	-	-	-	-	-	-	38	38	38	38	-
	100/112B5	180	215	250	-	-	-	-	-	-	-	-	-	28	28

Brazo de rección



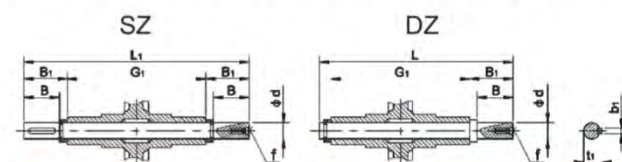
Size	K ₁	G	KG	KH	R
25	70	14	17.5	8	15
30	85	14	24	8	15
40	100	14	31.5	10	18
50	100	14	38.5	10	18
63	150	14	49	10	18
75	200	25	47.5	20	30
90	200	25	57.5	20	30
110	250	30	62	25	35
130	250	30	69	25	35
150	250	30	84	25	35

Doble eje de salida



Size	G ₂	d (j6)	B	f	b ₁	t ₁
30	45	9	20	-	3	10.2
40	53	11	23	-	4	12.5
50	64	14	30	M6	5	16
63	75	19	40	M6	6	21.5
75	90	24	50	M8	8	27
90	108	24	50	M8	8	27
110	135	28	60	M10	8	31
130	155	30	80	M10	8	33
150	175	35	80	M12	10	38

Dimensiones de eje simple y doble de salida



Size	d (h6)	B	B ₁	G ₁	L	L ₁	f	b ₁	t ₁
25	11	23	25.5	50	81	101	-	4	12.5
30	14	30	32.5	63	102	128	M6	5	16
40	18	40	43	78	128	164	M6	6	20.5
50	25	50	53.5	92	153	199	M10	8	28
63	25	50	53.5	112	173	219	M10	8	28
75	28	60	63.5	120	192	247	M10	8	31
90	35	80	84.5	140	234	309	M12	10	38
110	42	80	84.5	155	249	324	M16	12	45
130	45	80	85	170	265	340	M16	14	48.5
150	50	82	87	200	297	374	M16	14	53.5

TABLA DE SELECCIÓN DE DOBLE SIN FIN CORONA

Size	l	$n_2(r/min)$	KW _i	M ₂ (N - m)	i ₁	i ₂
25/30	100	14.0	0.09	30	10	10
	150	9.3	0.06	28	7.5	20
	200	7.0	0.06	28	10	20
	250	5.6	0.06	35	10	25
	300	4.7	0.06	31	10	30
	400	3.5	0.06	28	20	20
	500	2.8	0.06	34	20	25
	600	2.3	0.06	31	20	30
	750	1.9	0.06	34	30	25
	900	1.6	0.06	31	30	30
	1200	1.2	0.06	28	30	40
	1500	0.9	0.06	26	30	50
	1800	0.8	0.06	31	60	30
	2400	0.6	0.06	28	60	40
25/40	300	4.7	0.06	59	10	30
	400	3.5	0.06	63	10	40
	500	2.8	0.06	57	10	50
	600	2.3	0.06	65	15	40
	750	1.9	0.06	60	15	50
	900	1.6	0.06	73	30	30
	1200	1.2	0.06	65	30	40
	1500	0.9	0.06	60	30	50
	1800	0.8	0.06	56	30	60
	2400	0.6	0.06	56	40	60
	3000	0.5	0.06	60	60	50
30/40	300	4.7	0.09	70	10	30
	400	3.5	0.06	63	10	40
	500	2.8	0.06	57	20	25
	600	2.3	0.06	72	20	30
	750	1.9	0.06	72	25	30
	900	1.6	0.06	73	30	30
	1200	1.2	0.06	65	30	40
	1500	0.9	0.06	73	50	30
	1800	0.8	0.06	73	60	30
	2400	0.6	0.06	65	60	40
	3200	0.4	0.06	65	80	40
30/50	300	4.7	0.18	142	10	30
	400	3.5	0.12	127	10	40
	500	2.8	0.09	123	10	50
	600	2.3	0.09	143	20	30
	750	1.9	0.09	148	25	30
	900	1.6	0.06	141	30	30
	1200	1.2	0.06	118	30	40
	1500	0.9	0.06	139	50	30
	1800	0.8	0.06	155	60	30
	2400	0.6	0.06?	124	60	40
	3000	0.5	0.06	120	60	50
30/63	300	4.7	0.22	210	7.5	40
	400	3.5	0.18	222	10	40
	500	2.8	0.18	205	10	50
	600	2.3	0.12	208	15	40
	750	1.9	0.12	216	15	50
	900	1.6	0.09	200	15	60
	1200	1.2	0.09	236	30	40
	1500	0.9	0.06	204	30	50
	1800	0.8	0.06	202	30	60
	2400	0.6	0.06	220	60	40
	3000	0.5	0.06	223	60	50

Size	l	$n_2(r/min)$	KW _i	M ₂ (N-m)	i ₁	i ₂
40/75	300	4.7	0.37	405	10	30
	400	3.5	0.25	336	10	40
	500	2.8	0.25	307	10	50
	600	2.3	0.18	362	20	30
	750	1.9	0.18	391	25	30
	900	1.6	0.12	325	30	30
	1200	1.2	0.12	359	30	40
	1500	0.9	0.09	360	50	30
	1800	0.8	0.09	404	60	30
	2400	0.6	0.06	330	60	40
	3000	0.5	0.06	301	60	50
40/90	300	4.7	0.37	402	7.5	40
	400	3.5	0.37	523	10	40
	500	2.8	0.37	550	10	50
	600	2.3	0.37	605	15	40
	750	1.9	0.25	538	15	50
	900	1.6	0.25	533	15	60
	1200	1.2	0.18	629	30	40
	1500	0.9	0.18	588	30	50
	1800	0.8	0.12	492	30	60
	2400	0.6	0.12	625	60	40
	3000	0.5	0.09	548	60	50
50/110	300	4.7	0.75	817	10	30
	400	3.5	0.75	1013	10	40
	500	2.8	0.55	984	10	50
	600	2.3	0.55	1062	15	40
	750	1.9	0.55	1128	25	30
	900	1.6	0.37	1079	30	30
	1200	1.2	0.25	943	30	40
	1500	0.9	0.25	1064	50	30
	1800	0.8	0.25	1075	60	30
	2400	0.6	0.18	1001	60	40
	3000	0.5	0.12	884	60	50
63/130	300	4.7	1.50	1789	10	30
	400	3.5	1.00	1519	10	40
	500	2.8	1.00	1629	10	50
	600	2.3	0.75	1631	15	40
	750	1.9	0.75	1804	25	30
	900	1.6	0.75	1826	30	30
	1200	1.2	0.55	1705	30	40
	1500	0.9	0.37	1674	50	30
	1800	0.8	0.37	1698	60	30
	2400	0.6	0.25	1624	60	40
	3000	0.5	0.25	1548	60	50
63/150	200	7	1.5	1317	10	20
	250	5.6	1.5	1602	10	25
	300	4.7	1.5	1860	10	30
	400	3.5	1.5	2208	10	40
	500	2.8	1.1	1893	20	25
	600	2.3	1.1	2242	20	30
	750	1.9	0.75	1783	25	30
	900	1.6	0.75	1994	30	30
	1200	1.2	0.75	2680	30	40
	1500	0.9	0.75	2700	50	30
	1800	0.8	0.37	1775	60	30
	2400	0.6	0.37	2141	60	40
	3000	0.5	0.25	1713	60	50

TABLA DE SELECCIÓN DE SIN FIN CORONA CON PRERREDUCCIÓN DE ENGRANAJES

Size		Ratio	Input Power	Output	
				$n_2(r/min)$	$M_2(N.m)$
40 / 63	75 (3x25)	0.12	18.7	42	
				49	
	90 (3x30)	0.12	15.6	45	
				61	
	120 (3x40)	0.12	11.7	50	
				52	
	150 (3x50)	0.12	9.3	7.8	46
	180 (3x60)			5.8	40
50/	63	75 (3x25)	0.18	18.7	62
				17.7	91
	71	79.3 (3.17x25)	0.25	15.6	69
				14.7	102
	63	90 (3x30)	0.18	11.7	85
				11	100
	63	150 (3x50)	0.12	9.3	66
				8.9	89
		180 (3x60)	0.12	7.8	74
				7.8	88
		240 (3x80)	0.12	5.8	78
				5.8	76
		300 (3x100)	0.12	4.7	65
				4.7	65
63/	71	79.3 (3.17x25)	0.25	17.7	94
				17.7	139
		95.1 (3.17x30)	0.37	14.7	103
				14.7	153
		126.8 (3.17x40)	0.25	11	129
				11	191
	63	150 (3x50)	0.18	9.3	101
				9.3	148
	71	158.5 (3.17x50)	0.37	8.8	176
				8.8	176
	63	180 (3x60)	0.18	7.8	115
				7.8	115
	71	190.2 (3.17x60)	0.25	7.4	151
				7.4	151
	63	240 (3x80)	0.12	5.8	90
				5.8	136
75/	71	253.6 (3.17x80)	0.25	5.5	139
				5.5	139
	63	300 (3x100)	0.12	4.7	101
				4.7	121
	71	317 (3.17x100)	0.25	4.4	128
				4.4	128
	80	75 (3x25)	0.55	18.7	201
				18.7	247
		79.3 (3.17x25)	0.75	17.7	269
				17.7	269
		90 (3x30)	0.55	15.6	225
				15.6	307
	71	95.1 (3.17x30)	0.75	14.7	160
				14.7	160
		120 (3x40)	0.55	11.7	278
				11.7	278
		126.8 (3.17x40)	0.37	11	198
				11	198
	80	150 (3x50)	0.55	9.3	260
				9.3	260
	71	158.5 (3.17x50)	0.25	8.8	156
				8.8	231

Size		Ratio	Input Power	Output	
				$n_2(r/min)$	$M_2(N.m)$
75/71	190.2 (3.17x60)	0.25	7.4	178	
				236	
	253.6 (3.17x80) 317 (3.17x100)	0.25	5.5	208	
				4.4	214
90/	80	90 (3x30)	0.55	15.6	235
				15.6	320
		120 (3x40)	0.55	11.7	291
				11.7	397
	71	150 (3x50)	0.55	9.3	347
				9.3	426
		180 (3x60)	0.55	7.8	390
				7.8	425
	71	190.2 (3.17x60)	0.37	7.4	278
				7.4	374
		240 (3x80)	0.55	5.8	374
				5.8	374
110/	90	253.6 (3.17x80)	0.37	5.5	332
				5.5	332
		317 (3.17x100)	0.37	4.4	345
				4.4	345
	80	72.6 (2.42x30)	1.1	19.3	384
				19.3	524
		74 (3x25)	1.5	19.3	629
				19.3	629
	90	96.8 (2.42x40)	0.75	14.5	293
				14.5	498
		120 (3x40)	1.1	14.5	697
				14.5	815
	80	121 (2.42x50)	1.5	9.3	421
				9.3	421
		145.2 (2.42x60)	0.75	11.6	587
				11.6	801
130/	90	150 (3x50)	1.1	9.6	768
				9.6	768
		180 (3x60)	1.5	9.6	673
				9.6	733
	80	150 (3x50)	0.75	9.3	496
				9.3	496
		180 (3x60)	0.55	7.8	417
				7.8	569
	90	193.6 (2.42x80)	1.1	7.2	648
				7.2	648
		240 (3x60)	0.55	5.8	503
				5.8	617
	80	300 (3x100)	0.75	4.7	585
				4.7	585
		72.6 (2.42x30)	1.1	19.3	390
				19.3	531
	90	96.8 (2.42x40)	1.5	14.5	638
				14.5	498
		121 (2.42x50)	1.1	11.6	679
				11.6	815
	80	145.2 (2.42x60)	1.5	9.6	596
				9.6	813
		193.6 (2.42x80)	1.1	7.2	976
				7.2	673
	90	242 (2.42x100)	1.5	9.6	917
				9.6	1101
		300 (3x100)	1.1	7.2	826
				7.2	1013







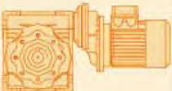





TABLA DE SELECCIÓN DE SIN FIN CORONA CON VARIADOR MECÁNICO

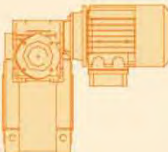
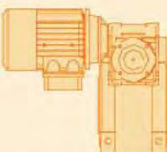




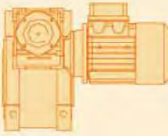
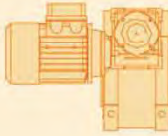
Input	Size	Ratio	Output	
			$n_2(r/min)$	$M_2(N.m)$
$P_i=0.18kw$ 4p $n_i=1400r/min$	40/0.18	7.5	117~22.7	9~18
	40/0.18	10	88~17	12~23
	40/0.18	15	58.7~11.3	17~32
	40/0.18	20	44~8.5	22~40
	40/0.18	25	35.2~6.8	27~47
	40/0.18	30	29.3~5.7	30~51
	40/0.18	40	22~4.3	37~62
	50/0.18	40	22~4.3	38~63
	50/0.18	50	17.6~3.4	43~60
	50/0.18	50	17.6~3.4	44~73
$P_i=0.37kw$ 4p $n_i=1400r/min$	50/0.37	7.5	133~26.7	19~36
	50/0.37	10	100~20	25~47
	50/0.37	15	66.7~13.3	36~65
	50/0.37	20	50~10	46~82
	50/0.37	25	40~8	55~97
	50/0.37	30	33.3~6.7	61~107
	50/0.37	40	25~5	76~124
	63/0.37	40	25~5	79~134
	50/0.37	50	20~4	89~120
	63/0.37	50	20~4	92~155
$P_i=0.55kw$ 4p $n_i=1400r/min$	63/0.55	7.5	133~26.7	26~49
	63/0.55	10	100~20	34~63
	63/0.55	15	66.7~13.3	48~88
	63/0.55	20	50~10	62~112
	63/0.55	25	40~8	75~133
	63/0.55	30	33.3~6.7	81~146
	63/0.55	40	25~5	105~179
	63/0.55	50	20~4	123~207
	75/0.55	50	20~4	129~216
	75/0.55	60	16.7~3.3	146~242
$P_i=0.75kw$ 4p $n_i=1400r/min$	75/0.75	80	12.5~2.5	176~250
	90/0.75	80	12.5~2.5	189~309
	90/0.75	100	10~2	218~350
	63/0.75	7.5	133~26.7	39~73
	63/0.75	10	100~20	51~94
	63/0.75	15	66.7~13.3	72~132
	63/0.75	20	50~10	92~168
	63/0.75	25	40~8	112~199
	63/0.75	30	33.3~6.7	126~219
	63/0.75	40	25~5	156~232
$P_i=1.1kw$ 4p $n_i=1400r/min$	63/0.75	50	20~4	185~310
	75/0.75	50	20~4	192~320
	75/0.75	60	16.7~3.3	219~300
	90/0.75	60	16.7~3.3	230~389
	90/0.75	80	12.5~2.5	265~428
	110/0.75	80	12.5~2.5	302~503
	90/0.75	100	10~2	303~410
	110/0.75	100	10~2	348~575
	75/1.1	7.5	133~26.7	59~111
	75/1.1	10	100~20	77~144

Input	Size	Ratio	Output	
			$n_2(r/min)$	$M_2(N.m)$
$P_i=1.1kw$ 4p $n_i=1400r/min$	90/1.1	50	20~4	304~517
	110/1.1	50	20~4	320~550
	110/1.1	60	16.7~3.3	368~625
	130/1.1	60	16.7~3.3	373~623
	110/1.1	80	12.5~2.5	455~754
	130/1.1	80	12.5~2.5	460~749
	110/1.1	100	10~2	522~710
	130/1.1	100	10~2	531~868
	75/1.5	7.5	133~26.7	78~148
	90/1.5	7.5	133~26.7	77~150
$P_i=1.5kw$ 4p $n_i=1400r/min$	75/1.5	10	100~20	102~192
	90/1.5	10	100~20	104~195
	75/1.5	15	66.7~13.3	147~270
	90/1.5	15	66.7~13.3	150~277
	75/1.5	20	50~10	190~344
	90/1.5	20	50~10	194~355
	75/1.5	25	40~8	229~330
	90/1.5	25	40~8	236~427
	75/1.5	30	33.3~6.7	260~390
	90/1.5	30	33.3~6.7	270~474
$P_i=2.2kw$ 4p $n_i=1400r/min$	75/1.5	40	25~5	327~360
	90/1.5	40	25~5	341~589
	90/1.5	50	20~4	406~560
	110/1.5	50	20~4	426~733
	110/1.5	60	16.7~3.3	490~833
	130/1.5	60	16.7~3.3	498~831
	130/1.5	80	12.5~2.5	614~999
	130/1.5	100	10~2	696~1100
	110/2.2	7.5	133~26.7	120~226
	110/2.2	10	100~20	157~294
$P_i=3.0kw$ 4p $n_i=1400r/min$	110/2.2	15	66.7~13.3	228~418
	110/2.2	20	50~10	298~549
	110/2.2	25	40~8	364~664
	110/2.2	30	33.3~6.7	413~717
	110/2.2	40	25~5	533~931
	130/2.2	40	25~5	542~932
	130/2.2	50	20~4	648~1097
	130/2.2	60	16.7~3.3	746~1246
	130/2.2	80	12.5~2.5	921~1499
	130/2.2	100	10~2	1040~1100
$P_i=4.0kw$ 4p $n_i=1400r/min$	110/3.0	7.5	133~26.7	160~302
	130/3.0	7.5	133~26.7	160~301
	110/3.0	10	100~20	210~392
	130/3.0	10	100~20	211~395
	110/3.0	15	66.7~13.3	304~558
	130/3.0	15	66.7~13.3	307~563
	110/3.0	20	50~10	398~732
	130/3.0	20	50~10	402~733
	110/3.0	25	40~8	485~885
	130/3.0	25	40~8	490~885

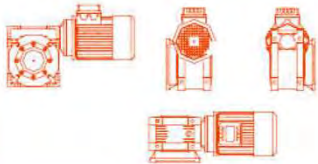
POSICIONES DE MONTAJE Y LUBRICACIÓN

POSICIÓN DE MONTAJE

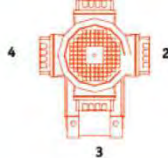
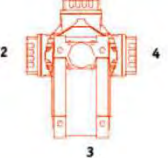
	B3	B8	B6	B7	V5	V6
M S						
PC - M S						

	AS1	AS2	VS1	VS2
M S - M S				
	PS1	PS2	BS1	BS2
				

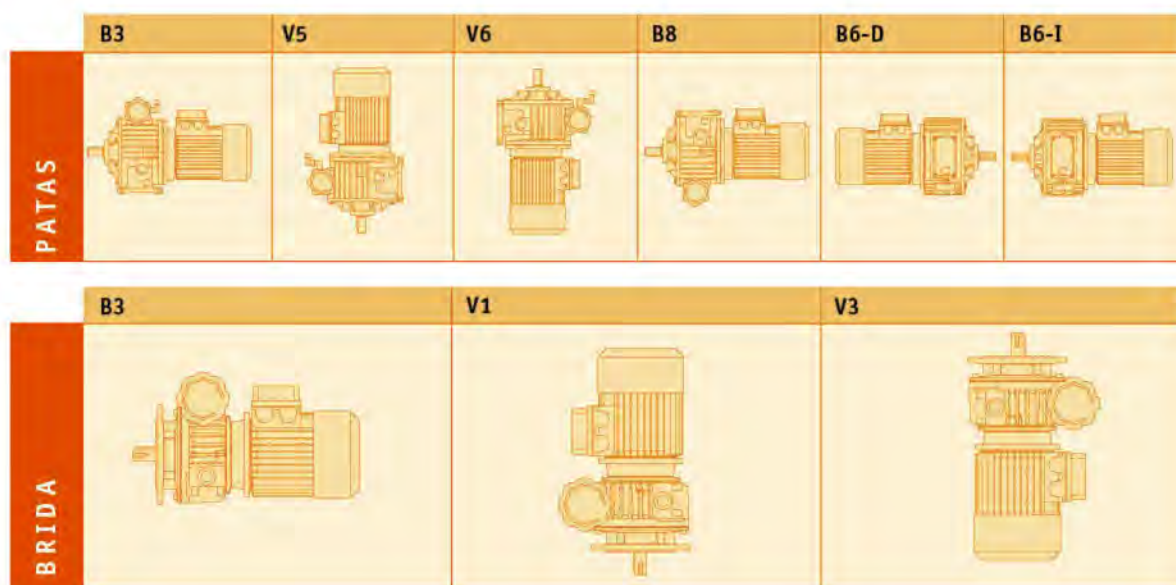
BRIDA DE SALIDA

ESTANDAR	LADO CONTRARIO
	

POS. CAJA DE BORNES

1	1
	
4	2
3	3
2	4

Reductor Sinfín Corona



LUBRICACIÓN

Tabla de lubricantes

	MV Variadores	SM Reductores de Vis sin Fin				PC Prereducciones
		SM025~090	SM110~130			
Lubricante	Sintético	Sintético	Sintético	Mineral		Sintético
Temp °C	-25°C ~ +40°C	-25°C ~ +50°C	-25°C ~ +40°C	-5°C ~ +40°C	-15°C ~ +25°C	-25°C ~ +50°C
ISO	VG 32	VG 320	VG 320	VG 460	VG 220	VG 320
IP	A.T.F. DEXRON FLUID	TELUM VSF	MELLANA OIL 320	MELLANA OIL 460	MELLANA OIL 220	TELUM VSF
SHELL	A.T.F. DEXRON	TIVELA OIL SC320	OMALA OIL 320	OMALA OIL 460	OMALA OIL 220	TIVELA OIL SC320
AGIP	A.T.F. DEXRON	BLASIA S320	BLASIA 320	BLASIA 460	BLASIA 220	BLASIA S320
ESSO	A.T.F. DEXRON	S 220	S 220	SPARTAN EP 460	SPARTAN EP 220	S 220
MOBIL	A.T.F. 220	GLYGOYLE 30	MOBIL GEAR 320	MOBIL GEAR 634	MOBIL GEAR 630	GLYGOYLE 30
CASTROL	TQ DEXRON II	ALPHASYN PG 320	ALPHASYN PG 320	ALPHA MAX 460	ALPHA MAX 220	ALPHASYN PG 320
BP	AUTRAN DX	ENERGOL SG-XP 320	ENERGOL SG-XP 320	ENERGOL SG-XP 460	ENERGOL SG-XP 220	ENERGOL SG-XP 320

Cantidad de lubricante

SM									
Tipo	025	030	040	050	063	075	090	110	130
L	0.02	0.04	0.08	0.15	0.3	0.55	1	3	4.5

MV							
Tipo	0.18	0.37	0.75	1.50	2.20	4.00	7.50
L	0.02	0.04	0.08	0.15	0.3	0.55	1

NOTAS

NOTAS

NOTAS

NOTAS

