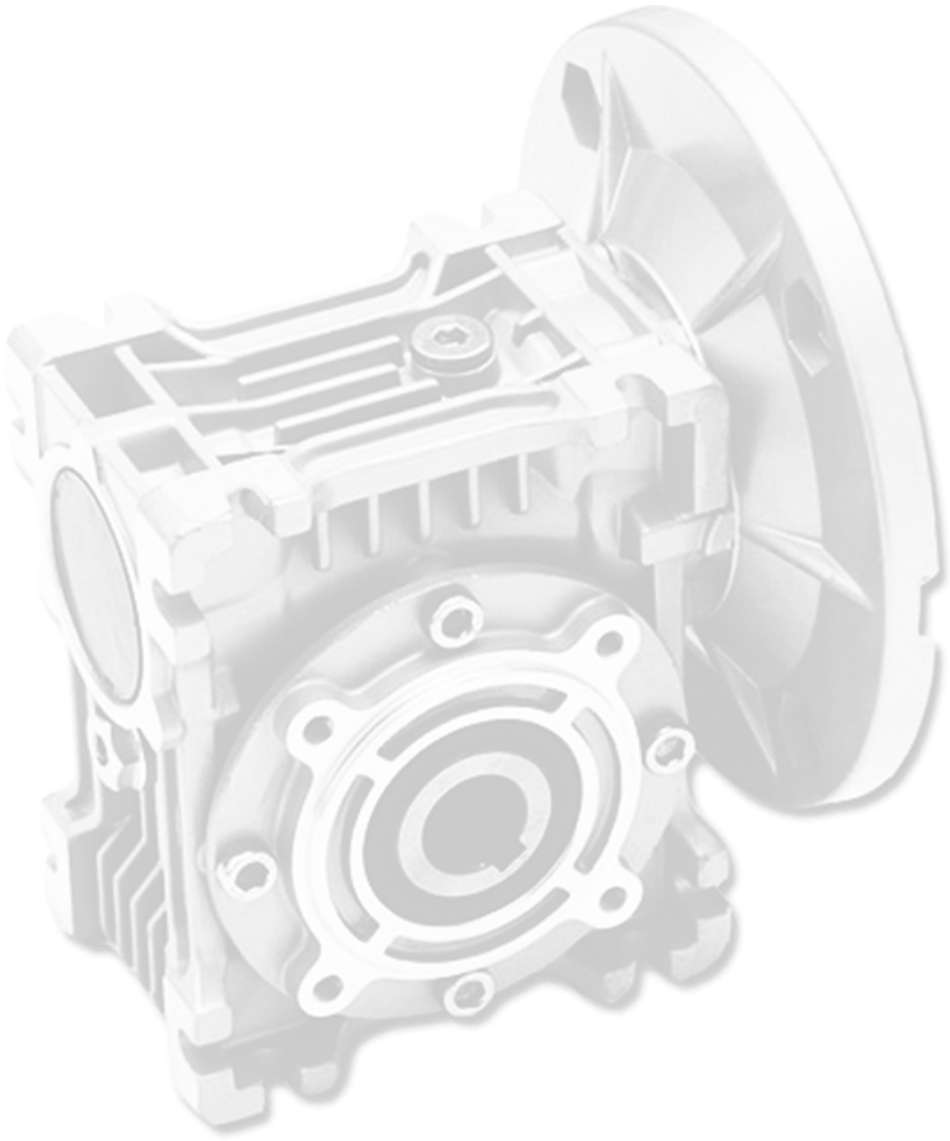
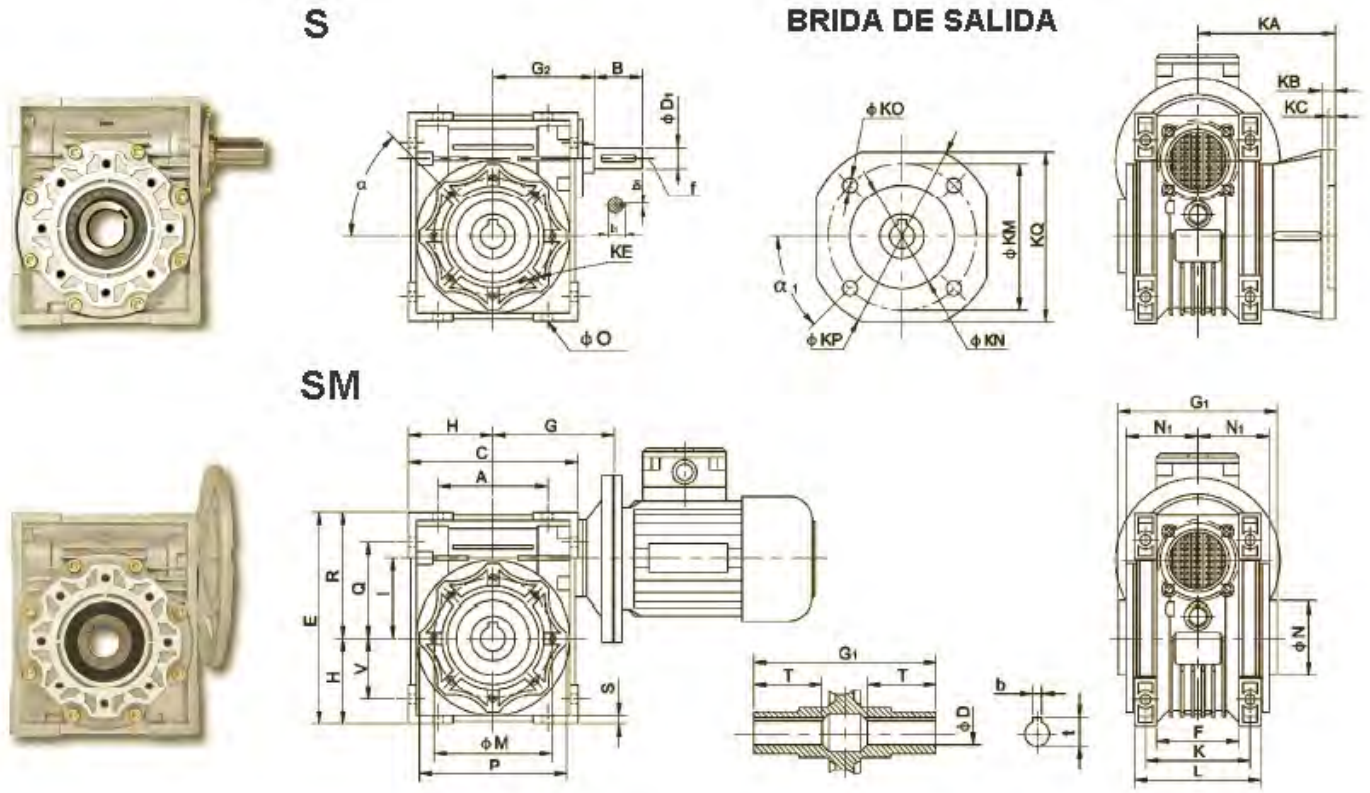
AT reducers



Worm Gear Box

2016-2017 Version

DIMENSIONES SERIE SM



Size	A	B	C	D (H7)	D_1(J6)	E	F	G	G_1	G_2	H	I	L	M	N (h8)	N_1	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_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	F	FB	FL	F	FB	FL						
30	5.5	21	27	44	54.5	–	–	6	–	–	4	–	–	M6X11 (n,4)	0°	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 SINFÍN 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	SM 030
		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	SM 025
		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	SM 030
		140	10	5.0	3.6	
		94	15	7.1	2.5	
		70	20	9.0	2.0	
		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	SM 040
		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	
0.12	2P n1=2800	373	7.5	2.7	3.0	SM 025
		280	10	3.5	2.6	
		186	15	5.0	1.8	
	4P n1=1400	186	7.5	5.2	3.4	SM 030
		140	10	6.7	2.7	
		94	15	9.5	1.9	
		70	20	12	1.5	
		56	25	13.9	1.5	
		47	30	16	1.3	
		35	40	17	0.9	
		47	30	17.2	2.6	SM 040
		35	40	21.3	1.9	
		28	50	25.4	1.5	
		24	60	28.5	1.3	
		18	80	34.1	1.0	
		14	100	38	0.8	
		24	60	29	2.3	SM 050
		18	80	34.7	1.9	
		14	100	40.1	1.4	
	6P n1=900	120	7.5	7.9	2.5	SM 030
		60	15	14	1.4	
		15	60	42	1.7	SM 050
		11	80	50	1.4	
		9	100	56	1.0	

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	SM 030
		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	SM 040
		56	25	23	1.7	
		47	30	26	1.7	
		35	40	32	1.3	
		28	50	38	1.0	
		24	60	43	0.8	
		35	40	32	2.3	SM 050
		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	SM 050
		15	60	63	1.1	
		11	80	75	0.9	
		11	80	79	1.6	SM 063
		9	100	90	1.4	
0.25	2P n1=2800	374	7.5	5.6	2.3	SM 030
		280	10	7.2	1.8	
		186	15	10	1.3	
	4P n1=1400	186	7.5	11	3.6	SM 040
		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	SM 050
		56	25	32	2.2	
		47	30	36	2.3	
		35	40	45	1.7	
		28	50	53	1.4	
		24	60	60	1.1	
		18	80	65	0.9	
		24	60	63	2.0	SM 063
		18	80	77	1.6	
		14	100	85	1.4	
	6P n1=900	120	7.5	17	2.6	SM 040
		15	60	92	1.5	SM 063
		11	80	110	1.2	
		9	100	125	1.0	
0.37	2P n1=2800	373	7.5	8.4	3.3	SM 040
		280	10	11	2.6	
		186	15	16	1.9	
	4P n1=1400	186	7.5	16	2.4	SM 040
		140	10	21	1.9	
		94	15	30	1.3	
		70	20	39	1.0	
		56	25	47	0.8	
		94	15	31	2.4	SM 050
		70	20	39	1.8	
		56	25	47	1.5	
		47	30	54	1.5	
		35	40	66	1.1	

CARACTERÍSTICAS TÉCNICAS DE LOS MOTORREDUCTORES SINFÍN 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	
		24	60	98	2.0	SM 075
		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	
		35	40	108	2.0	SM 075
		28	50	129	1.6	
		24	60	146	1.4	
		18	80	180	1.1	
		14	100	206	0.9	
		18	80	189	1.5	SM 090
		14	100	221	1.2	
		18	80	201	2.4	SM 110
		14	100	236	1.9	
	6P n1=900	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	
		11	80	294	1.8	SM 110
		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	
		94	15	63	2.2	SM 063
		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	
		18	80	274	1.8	SM 110
		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	
		24	60	324	1.7	SM 110
		18	80	410	1.2	
		14	100	460	1.0	
		18	80	408	2.1	SM 130
		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	
		11	80	598	1.4	SM 130
		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 063
		140	10	89	1.5	
		94	15	127	1.1	
		70	20	166	0.8	
		140	10	90	2.2	SM 075
		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 090
		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 110
		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 SINFÍN 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	
		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	
		47	30	346	1.2	
		70	20	256	2.2	SM 110
		56	25	316	1.9	
		47	30	355	1.8	
		35	40	462	1.3	
		28	50	550	1.1	
		24	60	648	0.9	
		28	50	567	1.7	SM 075
		24	60	660	1.4	
		18	80	803	1.0	
	6P n1=900	120	7.5	156	2.2	SM 075
		18	50	840	1.2	SM 130
		15	60	966	1.0	
3.00	2P n1=2800	373	7.5	70	1.9	SM 075
		280	10	92	1.6	
		374	7.5	71	3.0	SM 090
		280	10	92	2.6	
	4P n1=1400	186	7.5	138	2.1	SM 090
		140	10	187	1.7	
		94	15	264	1.4	
		70	20	344	1.0	
		140	10	182	2.6	SM 110
		94	15	263	2.2	
		70	20	350	1.6	
		56	25	431	1.4	
		47	30	484	1.3	
		35	40	462	1.0	
		28	50	767	0.8	
		35	40	631	1.6	SM 130
		28	50	773	1.3	
		24	60	884	1.0	
		18	80	1113	0.8	
	6P n1=900	120	7.5	212	2.7	SM 110
		30	30	745	1.6	SM 130
		22	40	955	1.2	

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	
		374	7.5	94	2.2	SM 090
		280	10	123	1.9	
	4P n1=1400	186	7.5	182	1.0	SM 075
		140	10	240	0.8	
		186	7.5	184	1.6	SM 090
		140	10	243	1.3	
		94	15	352	1.0	
		70	20	458	0.8	
		186	7.5	184	2.4	SM 110
		140	10	243	2.1	
		94	15	352	1.6	
		70	20	464	1.2	
		56	25	573	1.0	
		47	30	646	1.0	
		56	25	572	1.6	SM 130
		47	30	655	1.6	
		35	40	857	1.2	
		28	50	1023	1.0	
		24	60	1179	0.8	
	6P n1=900	120	7.5	283	2.0	SM 110
		45	20	713	1.5	SM 130
		36	25	870	1.2	
5.50	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	
		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	
		47	30	900	1.2	
		35	40	1171	0.9	
7.50	4P n1=1400	186	7.5	345	1.4	SM 110
		140	10	455	1.1	
		94	15	660	0.9	
		186	7.5	349	2.1	SM 130
		140	10	455	1.8	
		94	15	667	1.4	
		70	20	880	1.0	
		56	25	1074	0.9	
		47	30	1228	0.8	
		35	40	1596	0.7	
9.20	4P n1=1400	186	7.5	428	1.8	SM 130
		140	10	559	1.5	
		94	15	819	1.1	
		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	PC 063 SM 040
		10	90	51	1.4	
		7.5	120	62	1.1	
		6.0	150	72	0.8	
		5.0	180	79	0.7	
		6.0	150	73	1.6	PC 063 SM 050
		5.0	180	81	1.3	
		3.8	240	94	0.9	
		3.0	300	106	0.7	
		3.8	240	99	1.7	PC 063 SM 063
		3.0	300	109	1.4	
0.12	4P n1=1400	18.7	75	42	1.2	PC 063 SM 040
		15.6	90	46	1.2	
		11.7	120	57	0.9	
		9.3	150	66	0.7	
		7.8	180	74	0.6	
		9.3	150	68	1.3	PC 063 SM 050
		7.8	180	75	1.1	
		5.8	240	88	0.8	
		4.7	300	98	0.7	
		5.8	240	92	1.5	PC 063 SM 063
		4.7	300	103	1.2	
	6P n1=900	12	75	62	1.0	PC 063 SM 040
		10	90	68	1.1	
		7.5	120	83	0.8	
		12	75	63	1.7	PC 063 SM 050
		10	90	70	2.1	
		7.5	120	84	1.5	
		6.0	150	97	1.2	
		5.0	180	108	1.0	
		3.8	240	125	0.7	
		6.0	150	101	2.1	PC 063 SM 063
		5.0	180	112	1.8	
		3.8	240	131	1.3	
		3.0	300	145	1.0	
0.18	4P n1=1400	18.7	75	64	0.8	PC 063 SM 040
		15.6	90	70	0.8	
		11.7	120	85	0.6	
		18.7	75	64	1.4	PC 063 SM 050
		15.6	90	71	1.5	
		11.7	120	87	1.1	
		9.3	150	101	0.9	
		7.8	180	113	0.7	
		5.8	240	133	0.6	
		9.3	150	103	1.7	PC 063 SM 063
		7.8	180	117	1.4	
		5.8	240	139	1.0	
		4.7	300	155	0.9	
	6P n1=900	12	75	97	2.2	PC 071 SM 063
		10	90	107	2.4	
		7.5	120	131	1.8	
		6.0	150	152	1.4	
		5.0	180	168	1.2	
		3.8	240	197	0.9	
		3.0	300	218	0.7	
		5.0	180	179	1.7	PC 071 SM 075
		3.8	240	211	1.2	
		3.0	300	235	1.0	

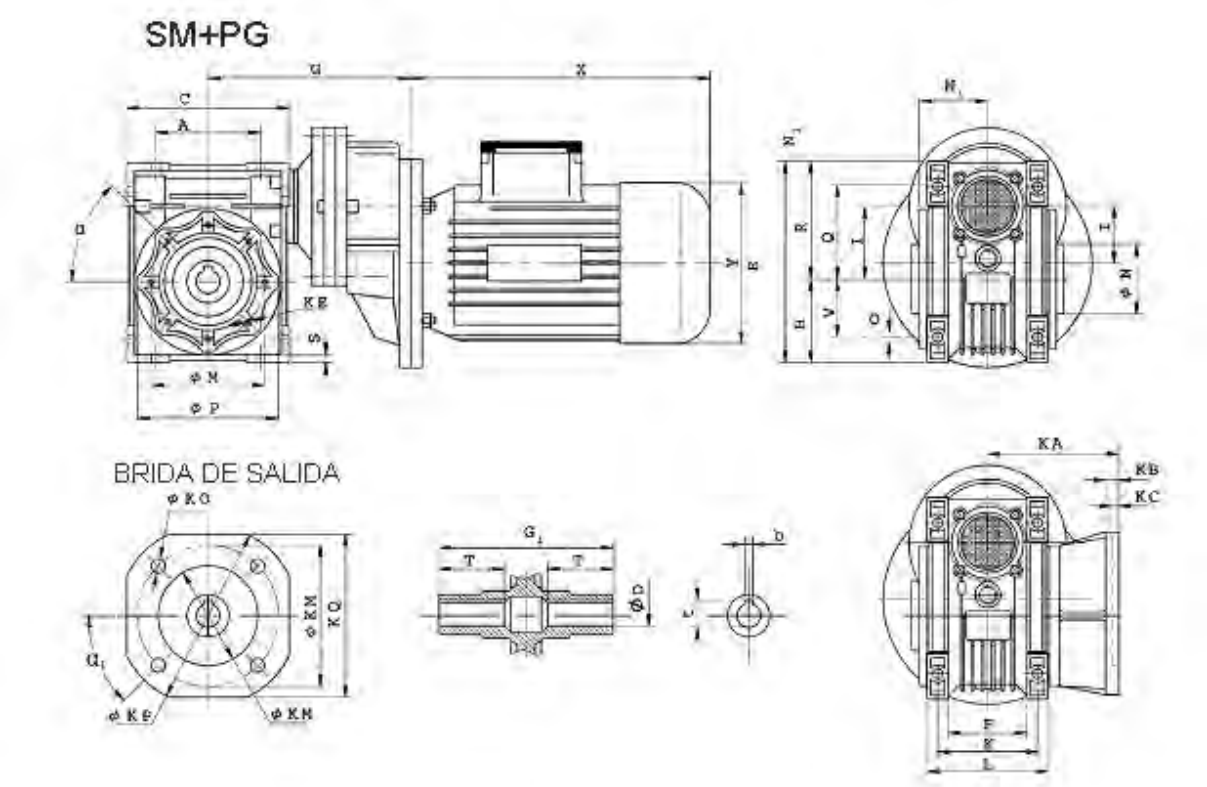
Motor Kw		n2 rpm	i	M2 Nm	f.s	Tipo *Type*
0.25	4P n1=1400	18.7	75	88	1.0	PC 071 SM 050
		15.6	90	98	1.1	
		11.7	120	121	0.8	
		18.7	75	91	1.8	PC 071 SM 063
		15.6	90	100	2.0	
		11.7	120	125	1.5	
		9.3	150	143	1.2	
		7.8	180	163	1.0	
		5.8	240	192	0.7	
		4.7	300	215	0.6	
		9.3	150	151	1.7	PC 071 SM 075
		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	PC 071 SM 063
		10	90	148	1.8	
		7.5	120	181	1.3	
		6.0	150	211	1.0	
		12	75	139	2.4	PC 071 SM 075
		10	90	155	2.5	
		7.5	120	191	1.9	
		6.0	150	219	1.5	
		5.0	180	248	1.2	
		5.0	180	263	1.9	PC 071 SM 090
		3.8	240	318	1.4	
		3.0	300	358	1.1	
0.37	4P n1=1400	18.7	75	134	1.2	PC 071 SM 063
		15.6	90	148	1.4	
		11.7	120	185	1.0	
		9.3	150	212	0.8	
		18.7	75	138	1.8	PC 071 SM 075
		15.6	90	154	1.9	
		11.7	120	191	1.5	
		9.3	150	223	1.1	
		7.8	180	254	0.9	
		7.8	180	268	1.5	PC 071 SM 090
		5.8	240	321	1.1	
		4.7	300	371	0.9	
	6P n1=900	12	75	206	1.6	PC 080 SM 075
		10	90	230	1.7	
		7.5	120	283	1.3	
		6.0	150	324	1.0	
		6.0	150	347	1.6	PC 080 SM 090
		5.0	180	389	1.3	
		3.8	240	471	1.0	
		3.8	240	509	1.5	PC 080 SM 110
		3.0	300	577	1.2	
0.55	4P n1=1400	18.7	75	205	1.2	PC 080 SM 075
		15.6	90	230	1.3	
		11.7	120	284	1.0	
		9.3	150	332	0.8	
		15.6	90	240	2.3	PC 080 SM 090
		11.7	120	297	1.6	
		9.3	150	355	1.3	
		7.8	180	398	1.0	
		5.8	240	477	0.8	

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	
		7.5	120	462	2.2	PC 080 SM 110
		6.0	150	552	1.8	
		5.0	180	620	1.5	
		3.8	240	756	1.0	
		3.8	240	756	1.6	PC 080 SM 130
		3.0	300	858	1.3	
0.75	4P n1=1400	18.7	75	280	0.9	PC 080 SM 075
		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	
		11.7	120	430	1.9	PC 080 SM 110
		9.3	150	506	1.6	
		7.8	180	580	1.2	
		5.8	240	700	0.9	
		5.8	240	712	1.4	PC 080 SM 130
		4.7	300	813	1.1	
	6P n1=900	12.4	72.6	393	2.8	PC 090 SM 110
		9.3	96.8	508	2.0	
		7.4	121	607	1.6	
		6.2	145	682	1.3	
		4.6	193	832	0.9	
		12.4	72.6	399	4.4	PC 090 SM 130
		9.3	96.8	508	3.2	
		7.4	121	607	2.6	
		6.2	145	682	2.1	
		4.6	193	832	1.5	
		3.7	242	944	1.2	
1.10	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	
		9.6	145	686	1.0	
		7.2	193	828	0.8	
		19.3	72.6	398	3.5	PC 090 SM 130
		14.5	96.8	508	2.6	
		11.6	121	608	2.0	
		9.6	145	686	1.6	
		7.2	193	843	1.2	
		5.8	242	962	0.9	
	6P n1=900	12.4	72.6	576	1.9	PC 090 SM 110
		9.3	96.8	746	1.4	
		7.4	121	890	1.1	
		6.2	145	1000	0.9	
		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	
		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	
		19.3	72.6	542	2.6	PC 090 SM 130
		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	

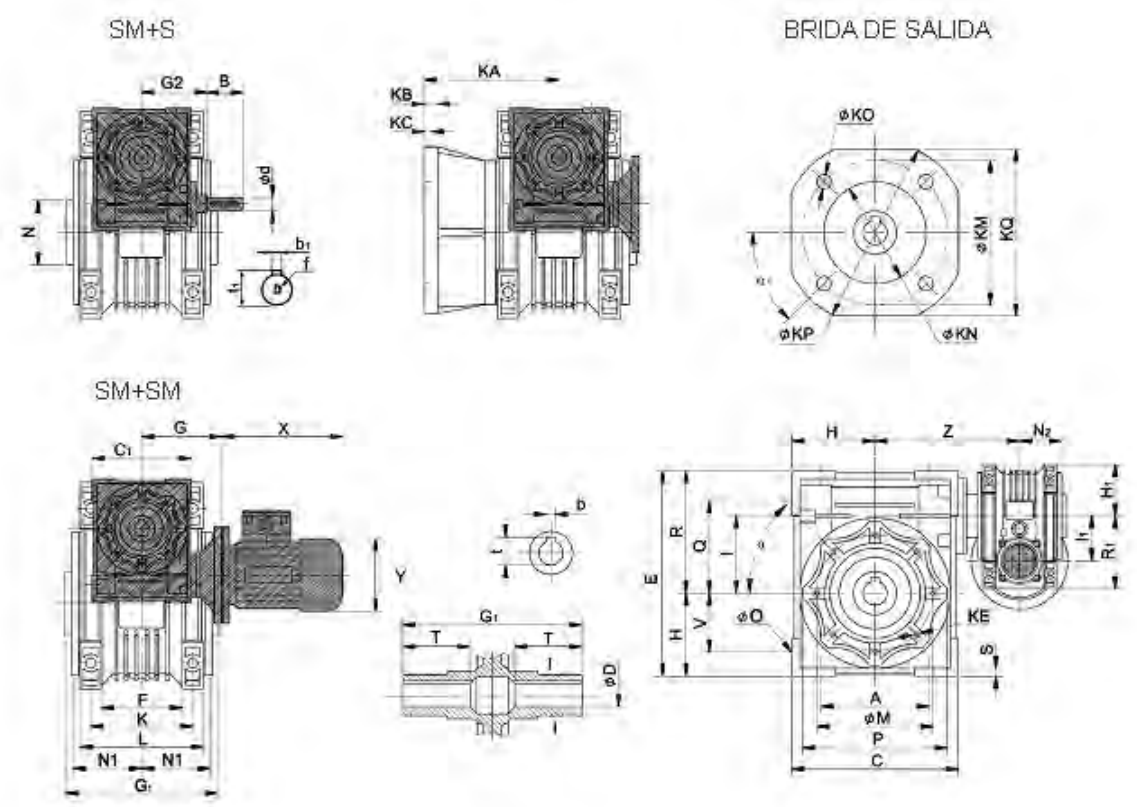
TIPO SM+PC
DIMENSIONES DE LA INSTALACIÓN



Size	A	C	D(H7)	E	F	G	G_1	H	I_1	I	I	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

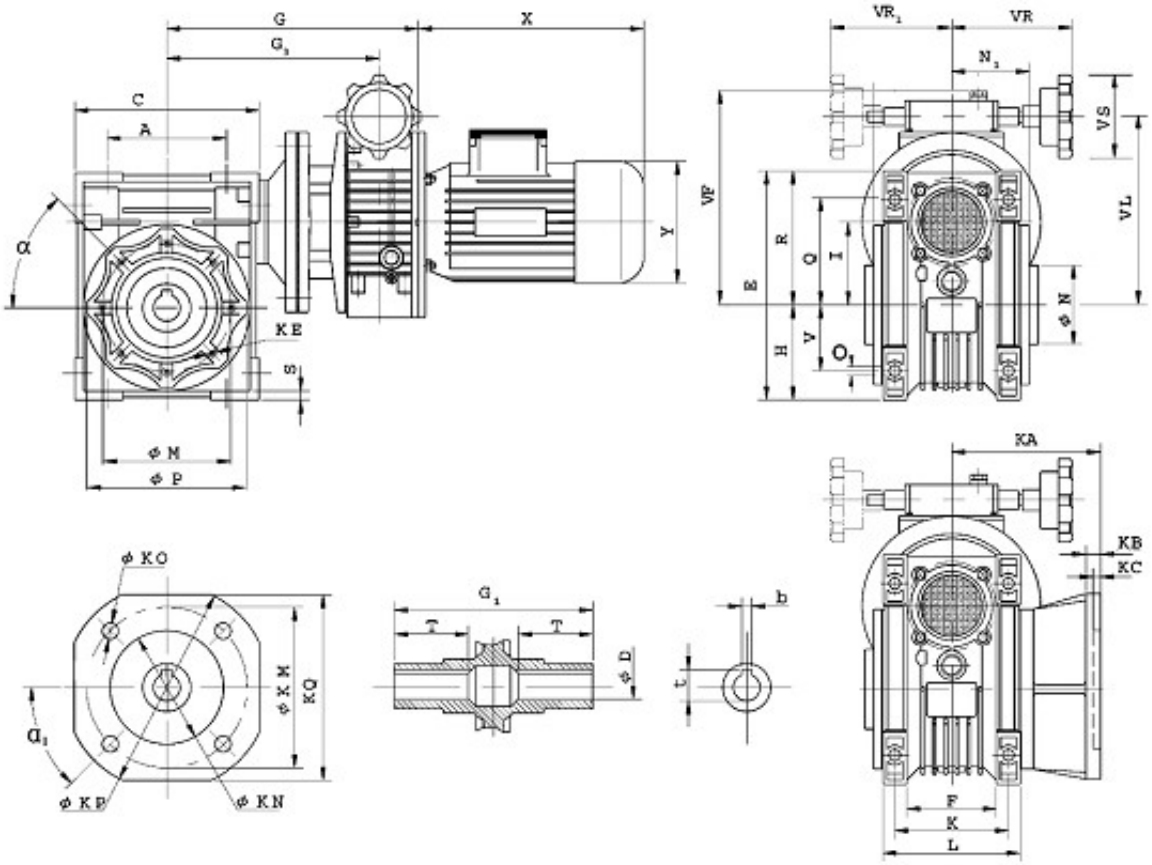
TIPO SM (DOBLE SIN FIN CORONA)
DIMENSIONES DE LA INSTALACIÓN



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
30/05	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)	0°	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



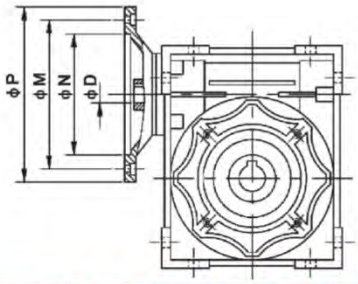
Size	α	α1	A	K	KC			KE	KM			KN (H8)			KO			M	N(h8)	N1	O	Q	S	V	b	D (H7)	t	T
					F	FB	FL		F	FB	FL	F	FB	FL	F	FB	FL											
40/0.18	45°	45°	70	60	4	5	4	M6x8(n,4)	87	115	87	60	95	60	9 (n,4)	9.5 (n,4)	9 (n,4)	75	60	36.5	6.5	55	6.5	35	6(6)	18(19)	20.8 (21.8)	26
50/0.18 50/0.37	45°	45°	80	70	5	5	5	M6x10(n,4)	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
63/0.37 63/0.55 63/0.75	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
75/0.37 75/0.55 75/0.75 75/1.1 75/1.5	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
90/0.55 90/0.75 90/1.1 90/1.5	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
110/1.1 110/1.5 110/2.2 110/3.0 110/4.0	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
130/1.5 130/2.2 130/3.0 130/4.0	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

Reductor Sinfín Corona

Size	C	E	F	G	G_1	G_3	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	-

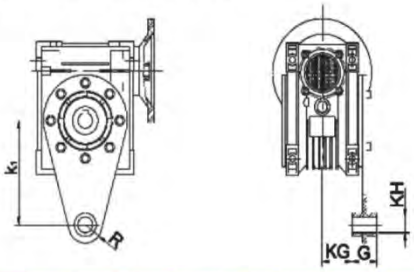
DIMENSIONES DE ACCESORIOS

Brida Motor



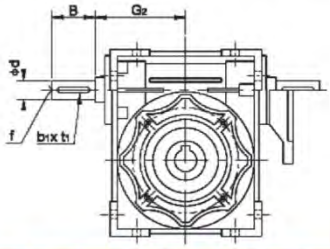
Size	PAM IEC	N	M	P	7.5	10	15	20	25	30	40	50	60	80	100
					D										
25	56B14	50	65	80	9	9	9	9	-	9	9	9	9	-	-
30	63B5	95	115	140	11	11	11	11	11	11	11	11	-	-	-
	63B14	60	75	90											
	56B5	80	100	120	9	9	9	9	9	9	9	9	9	9	-
	56B14	50	65	80											
40	71B5	110	130	160	14	14	14	14	14	14	14	-	-	-	-
	71B14	70	85	105											
	63B5	95	115	140	11	11	11	11	11	11	11	11	11	11	11
	63B14	60	75	90											
	56B5	80	100	120	-	-	-	-	-	-	-	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											
	63B5	95	115	140	-	-	-	-	-	-	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											
	71B5	110	130	160	-	-	-	-	-	-	14	14	14	14	14
	71B14	70	85	105											
75	100/112B5	180	215	250	28	28	28	-	-	-	-	-	-	-	-
	100/112B14	110	130	160											
	90B5	130	165	200	24	24	24	24	24	24	24	-	-	-	-
	90B14	95	115	140											
	80B5	130	165	200	-	-	-	19	19	19	19	19	19	19	19
	80B14	80	100	120											
	71B5	110	130	160	-	-	-	-	-	-	-	14	14	14	14
90	100/112B5	180	215	250	28	28	28	28	28	28	-	-	-	-	-
	100/112B14	110	130	160											
	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	-	-	-	-	-	-	-
	100/112B5	180	215	250	28	28	28	28	28	28	28	28	28	-	-
	90B5	130	165	200	-	-	-	-	24	24	24	24	24	24	24
	80B5	130	165	200	-	-	-	-	-	-	-	-	-	19	19
130	132B5	230	265	300	38	38	38	38	38	38	38	-	-	-	-
	100/112B5	180	215	250	-	-	-	-		28	28	28	28	28	28
	90B5	130	165	200	-	-	-	-		-	-	-	-	24	24
150	160B5	250	300	350	42	42	42	42	-	-	-	-	-	-	-
	132B5	230	265	300	-	-	-	38	38	38	38	38		-	-
	100/112B5	180	215	250	-	-	-	-	-	-	-	28	28	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

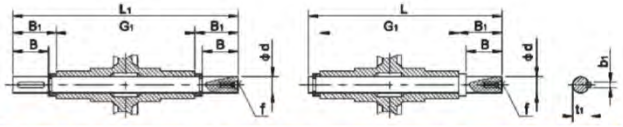


Size	G_2	d (j6)	B	f	b_1	t_1
30	45	9	20	-	3	10.2
40	53	11	23	-	4	12.5
50	64	14	30	M6	5	16
63	75	19	40	M6	6	21.5
75	90	24	50	M8	8	27
90	108	24	50	M8	8	27
110	135	28	60	M10	8	31
130	155	30	80	M10	8	33
150	175	35	80	M12	10	38

Dimensiones de eje simple y doble de salida

SZ

DZ



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	I	n_2(r/min)	KW_1	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
	3000	0.5	0.06	26	60	50
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	I	n_2(r/min)	KW_1	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
			0.18		49
		90 (3x30)	0.12	15.6	45
			0.18		61
		120 (3x40)	0.12	11.7	50
			0.18		52
		150 (3x50)	0.12	9.3	
		180 (3x60)		7.8	46
		240 (3x80)		5.8	40
		300 (3x100)		4.7	36
50/	63	75 (3x25)	0.18	18.7	62
	71	79.3 (3.17x25)	0.25	17.7	91
	63	90 (3x30)	0.18	15.6	69
	71	95.1 (3.17x30)	0.25	14.7	102
	63	120 (3x40)	0.18	11.7	85
	71	126.8 (3.17x40)	0.25	11	100
	63	150 (3x50)	0.12	9.3	66
			0.18		89
		180 (3x60)	0.12	7.8	74
			0.18		88
		240 (3x80)	0.12	5.8	78
			0.18		76
		300 (3x100)	0.12	4.7	65
			0.18		
63/	71	79.3 (3.17x25)	0.25	17.7	94
			0.37		139
		95.1 (3.17x30)	0.25	14.7	103
			0.37		153
		126.8 (3.17x40)	0.25	11	129
			0.37	11	191
	63	150 (3x50)	0.18	9.3	101
	71	158.5 (3.17x50)	0.25	8.8	148
			0.37		176
	63	180 (3x60)	0.18	7.8	115
	71	190.2 (3.17x60)	0.25	7.4	151
	63	240 (3x80)	0.12	5.8	90
			0.18		136
	71	253.6 (3.17x80)	0.25	5.5	139
	63	300 (3x100)	0.12	4.7	101
			0.18		121
	71	317 (3.17x100)	0.25	4.4	128
75/	80	75 (3x25)	0.55	18.7	201
			0.75		247
			0.92		269
	71	79.3 (3.17x25)	0.37	17.7	143
	80	90 (3x30)	0.55	15.6	225
			0.75		307
			0.92		300
	71	95.1 (3.17x30)	0.37	14.7	160
	80	120 (3x40)	0.55	11.7	278
	71	126.8(3.17x40)	0.37	11	198
	80	150 (3x50)	0.55	9.3	260
	71	158.5 (3.17x50)	0.25	8.8	156
			0.37		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
			0.37		236
		253.6 (3.17x80)	0.25	5.5	208
		317 (3.17x100)		4.4	214
90/	80	90 (3x30)	0.55	15.6	235
			0.75		320
		120 (3x40)	0.55	11.7	291
			0.75		397
		150 (3x50)	0.55	9.3	347
			0.75		426
		180 (3x60)	0.55	7.8	390
			0.75		425
	71	190.2 (3.17x60)	0.37	7.4	278
	80	240 (3x80)	0.55	5.8	374
	71	253.6 (3.17x80)	0.37	5.5	332
		317 (3.17x100)	0.37	4.4	345
110/	90	72.6 (2.42x30)	1.1	19.3	384
			1.5		524
			1.8		629
	80	74 (3x25)	0.75		293
	90	96.8 (2.42x40)	1.1	14.5	498
			1.5		697
			1.8		815
	80	120 (3x40	0.75		421
	90	121 (2.42x50)	1.1	11.6	587
			1.5		801
			1.8		768
		145.2 (2.42x60)	1.1	9.6	673
			1.5		733
	80	150 (3x50)	0.75	9.3	496
		180 (3x60	0.55	7.8	417
			0.75		569
	90	193.6 (2.42x80)	1.1	7.2	648
	80	240 (3x60)	0.55	5.8	503
			0.75		617
		300 (3x100)	0.55	4.7	585
130/	90	72.6 (2.42x30)	1.1	19.3	390
			1.5		531
			1.8		638
		96.8 (2.42x40)	1.1	14.5	498
			1.5		679
			1.8		815
		121 (2.42x50)	1.1	11.6	596
			1.5		813
			1.8		976
		145.2 (2.42x60)	1.1	9.6	673
			1.5		917
			1.5		1101
		193.6 (2.42x80)	1.1	7.2	826
			1.5		1013
	80	240 (3x80)	0.75	5.8	698
	90	242 (2.42x100)	1.1		848
	80	300 (3x100)	0.55	4.7	585
			0.75		797

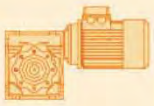
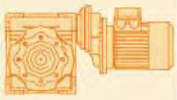
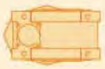
TABLA DE SELECCIÓN DE SIN FIN CORONA CON VARIADOR MECÁNICO

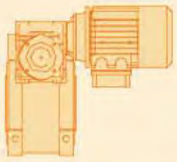
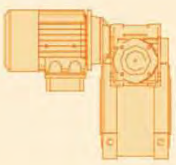
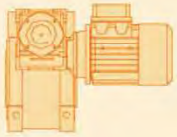
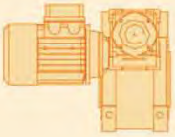
Input	Size	Ratio	Output	
			n_2(r/min)	M_2(N.m)
P_1=0.18kw 4p n_1=1400r/min	40/0.18	7.5	117~22.7	9~18
	40/0.18	10	88~17	12~23
	40/0.18	15	58.7~11.3	17~32
	40/0.18	20	44~8.5	22~40
	40/0.18	25	35.2~6.8	27~47
	40/0.18	30	29.3~5.7	30~51
	40/0.18	40	22~4.3	37~62
	50/0.18	40	22~4.3	38~63
	50/0.18	50	17.6~3.4	43~60
	50/0.18	50	17.6~3.4	44~73
	50/0.18	60	14.7~2.8	50~80
	50/0.18	80	11~2.1	59~82
	50/0.18	100	8.8~1.7	66~79
P_1=0.37kw 4p n_1=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
	63/0.37	60	16.7~3.3	104~173
	63/0.37	80	12.5~2.5	125~173
	63/0.37	100	10~2	139~150
P_1=0.55kw 4p n_1=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
	75/0.55	80	12.5~2.5	176~250
	90/0.55	80	12.5~2.5	189~309
	90/0.55	100	10~2	218~350
P_1=0.75kw 4p n_1=1400r/min	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
	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
P_1=1.1kw 4p n_1=1400r/min	75/1.1	7.5	133~26.7	59~111
	75/1.1	10	100~20	77~144
	90/1.1	10	100~20	78~146
	75/1.1	15	66.7~13.3	110~203
	90/1.1	15	66.7~13.3	113~208
	75/1.1	20	50~10	142~258
	90/1.1	20	50~10	146~266
	75/1.1	25	40~8	172~308
	90/1.1	25	40~8	177~320
	75/1.1	30	33.3~6.7	195~340
	90/1.1	30	33.3~6.7	202~356
	75/1.1	40	25~5	245~360
	90/1.1	40	25~5	256~442

Input	Size	Ratio	Output	
			n_2(r/min)	M_2(N.m)
P_1=1.1kw 4p n_1=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
P_1=1.5kw 4p n_1=1400r/min	75/1.5	7.5	133~26.7	78~148
	90/1.5	7.5	133~26.7	77~150
	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
	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
P_1=2.2kw 4p n_1=1400r/min	110/2.2	7.5	133~26.7	120~226
	110/2.2	10	100~20	157~294
	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_1=3.0kw 4p n_1=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
	130/3.4	20	50~10	402~733
	110/3.0	25	40~8	485~885
	130/3.0	25	40~8	490~885
	110/3.0	30	33.3~6.7	547~956
	130/3.0	30	33.3~6.7	562~973
	110/3.0	40	25~5	711~1030
	130/3.0	40	25~5	720~1242
	130/3.0	50	20~4	864~1463
P_1=4.0kw 4p n_1=1400r/min	110/4.0	7.5	133~26.7	213~402
	130/4.0	7.5	133~26.7	214~401
	110/4.0	10	100~20	279~523
	130/4.0	10	100~20	281~527
	110.4.0	15	66.7~13.3	405~744
	130/4.0	15	66.7~13.3	410~751
	110/4.0	20	50~10	530~975
	130/4.0	20	50~10	536~978
	110/4.0	25	40~8	647~1020
	130/4.0	25	40~8	653~1180
	130/4.0	30	33.3~6.7	749~1298
	130/4.0	40	25~5	960~1650

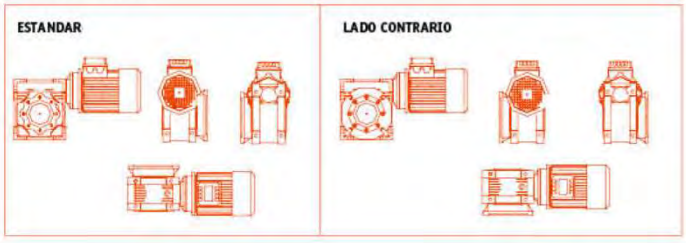
POSICIONES DE MONTAJE Y LUBRICACIÓN

POSICIÓN DE MONTAJE

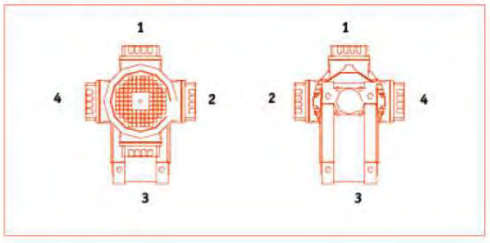
	B3	B8	B6	B7	V5	V6
MS						
PC -MS						

	AS1	AS2	VS1	VS2
MS -MS				
	PS1	PS2	BS1	BS2
				

BRIDA DE SALIDA



POS. CAJA DE BORNES



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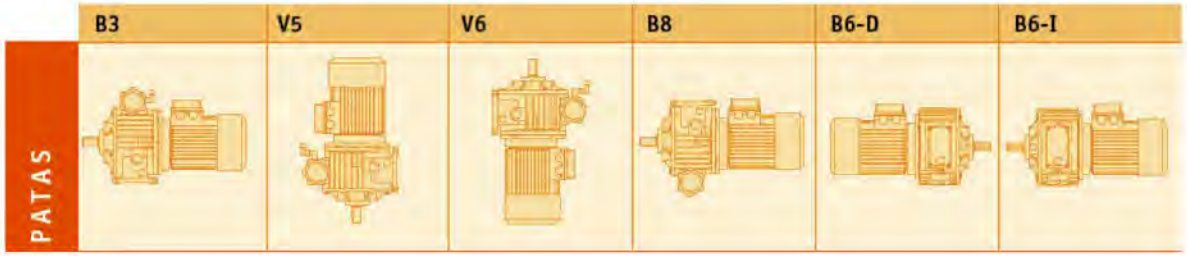

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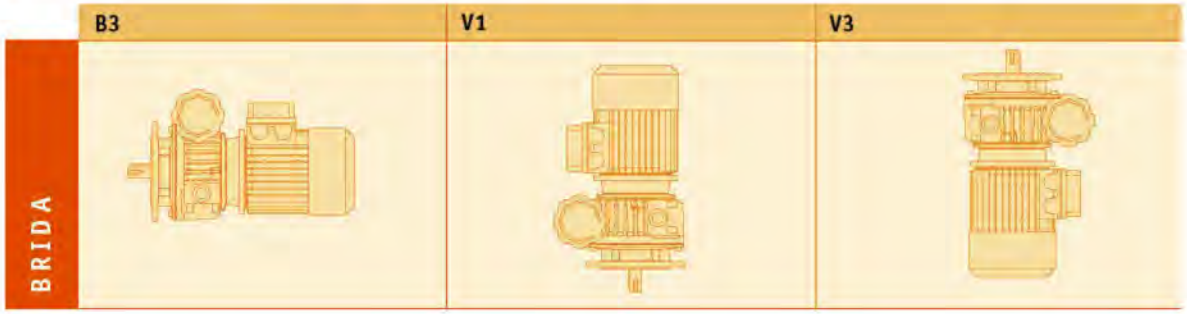


LUBRICACIÓN

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	TELIUM VSF	MELLANA OIL 320	MELLANA OIL 460	MELLANA OIL 220	TELIUM 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

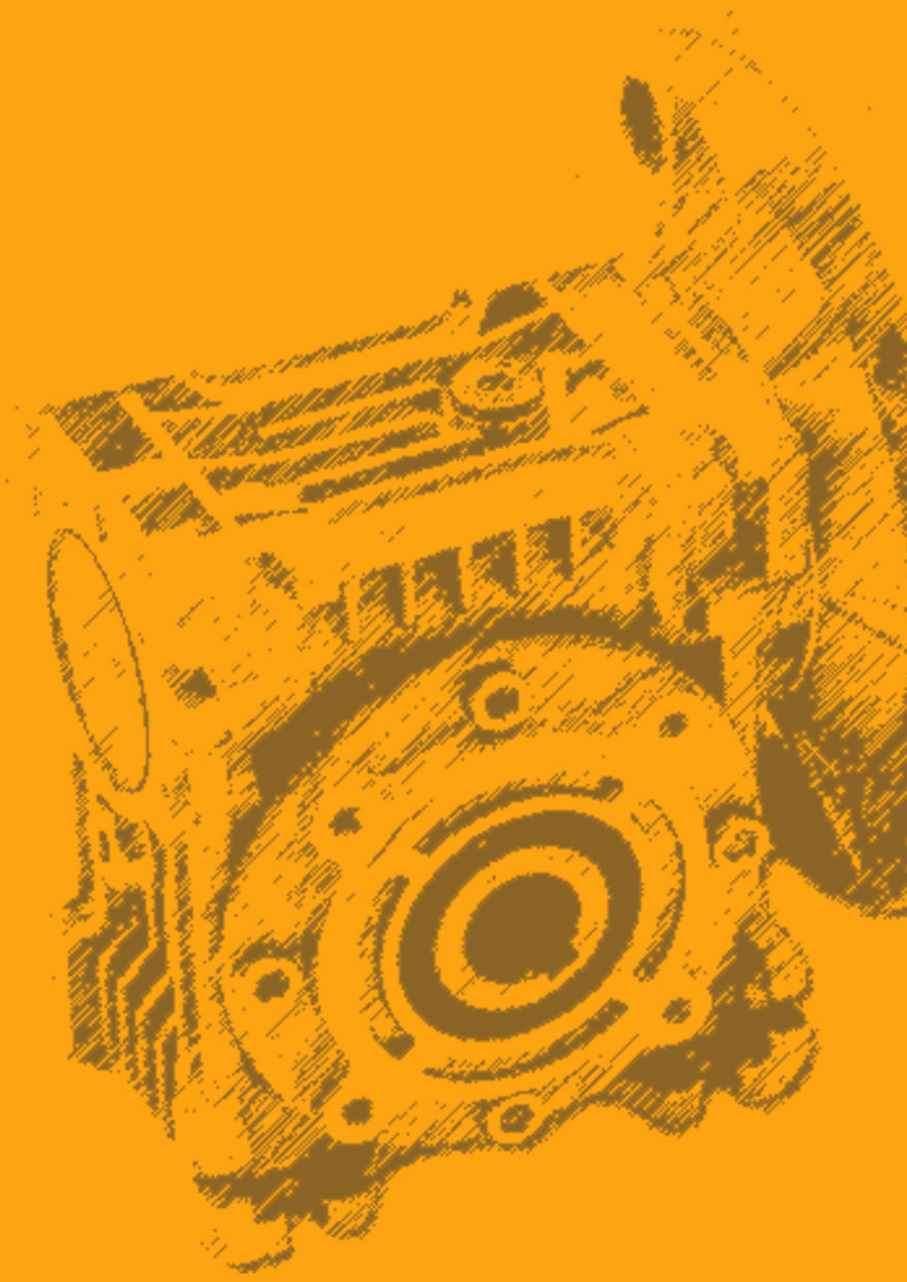
SM									
Tipo	025	030	040	050	063	075	090	110	130
L	0.02	0.04	0.08	0.15	0.3	0.55	1	3	4.5

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

AT reducers