Mosaico Configuration Data

Date: 16.01.19

Designation: MP 190 1 6 LOW 180A1 CD 38 S5 OR SB KE

GETRIEBE MP

GETRIEBETYP: MP

GETRIEBEBAUGRÖSSE: 190

UNTERSETZUNGSSTUFEN: 1

ÜBERSETZUNG: 6

WINKELSPIEL: LOW

EINGANGSSEKTION: 180A1

KEYING KURBELWELLE: CD

LOCH. ANTRIEMSWELLE: 38

ART DER SERVICE: S5

EINBAULAGEN: OR

MONTAGE WELLE: SB

WELLENANORDNUNG: KE

TECHNISCHE DATEN

Mn2 Ausg.- Nenndrehm. [N/m]: 700

Ma2 ausg.max.Beschleunig. [Nm]: 950

Mp2 Ausg.Not-Halt-Drehm. [Nm]: 1800

n1 Eingabegeschwindig. [min-1]: 2300

n1max max.mom.Eingabege[min-1]: 3000

φS Winkelspiel STD [arcmin]: 15'

φR Winkelspiel NIEDRIG[arcmin]: 10'

Ct Torsionssteifi. [Nm/arcmin]: 130

R2max max.rd.Kr.die Wel.wir[N]: 14000

A2max max.Axia.die wel.wkr [N]: 15000

η [%]: 97

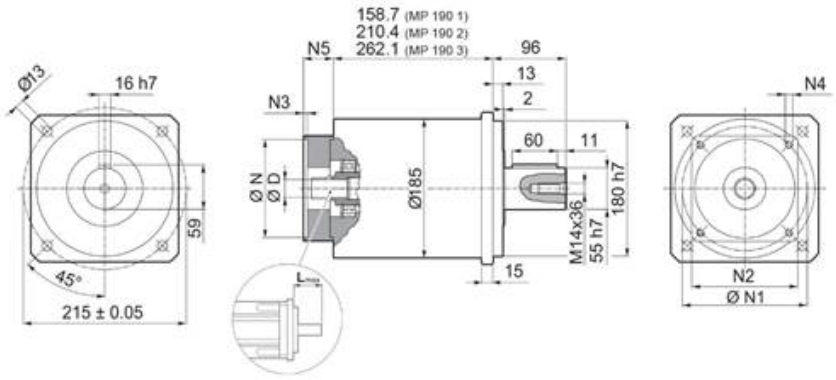
DOCUMENTATION

http://www.bonfigliolidocslibrary.com/

GETRIEBEBAUGRÖSSE: 190

MP 190

55A1 ... 180A1

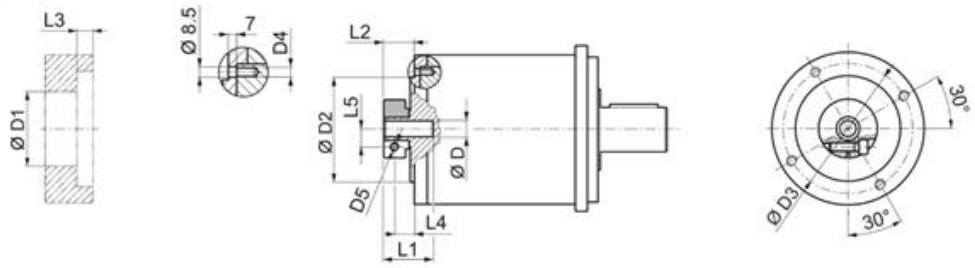


	Kg
MP 190 1	25
MP 190 2	29
MP 190 3	34

MP 190																			
	D												N	N1	N2	N3	N4	N5	L_{max}
55A1	14	16	19	–	–	–	–	–	–	–	–	–	55.5	125.7	140	5	M6x15	39.5	50
80A2	14	16	19	–	–	–				–	–	–	80	100	140	5	M6x15	39.5	50
95A1	14	16	19	22	24	–	–	–	–	–	–	–	95	115	140	5	M8x20	39.5	50
110A1	14	16	19	22	24	–	–	–	–	–	–	–	110	130	140	5	M8x20	39.5	50
110B1	14	16	19	22	24	–	–	–	–	–	–	–	110	145	140	6.5	M8x20	49.5	60
114A	14	16	19	22	24	28	32	35	38	42	45	48	114.3	200	170	6.5	M12x25	69.5	80
130A	14	16	19	22	24	–	–	–	–	–	–	–	130	165	140	5	M10x20	39.5	50
130A1	14	16	19	22	24	28	32	–	–	–	–	–	130	165	140	5	M10x20	49.5	60
180A	14	16	19	22	24	28	32	–	–	–	–	–	180	215	190	6.5	M14x25	49.5	60
180A1	14	16	19	22	24	28	32	35	38	42	45	48	180	215	190	6.5	M14x25	69.5	80

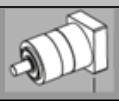
Please contact us for other motor adapters and input shaft bore.

FM



MP 190											
D		D1	D2	D3	D4	D5	L1	L2	L3	L4	L5
14	16	48	130	142.5	M8x14	M6	45.5	27.5	6	20	14.5
19		51	130	142.5	M8x14	M6	45.5	27.5	6	20	16.5
22	24	56.5	130	142.5	M8x14	M6	47	29	6	20	19
28		67	130	142.5	M8x14	M8	47	29	6	20	22.5
32		71	130	142.5	M8x14	M8	47	29	6	20	24.5
35		73	130	142.5	M8x14	M8	54.5	36.5	6	25	26
38		77.5	130	142.5	M8x14	M8	54.5	36.5	6	25	28
42		92	130	142.5	M8x14	M10	60.5	40	6	25	33
45		95	130	142.5	M8x14	M10	60.5	40	6	25	33
48		97	130	142.5	M8x14	M10	60.5	40	6	25	33

MP 190



i	$M_{n\,2}$ [Nm]	$M_{a\,2}$ [Nm]	$M_{p\,2}$ [Nm]	n_1 [min^{-1}]	$n_{1\,max}$ [min^{-1}]	φ_S [arcmin]	φ_R [arcmin]	C_t [Nm/arcmin]	$R_{2\,max}$ [N]	$A_{2\,max}$ [N]	η %	J_G [$kgcm^2$] 14 ... 24	28 - 32	35 - 35	42	45 - 48
MP 190 1_3	500	800	1400	1500	2500	15'	10'	130	14000	15000	97	24.20	24.88	25.65	29.30	29.90
MP 190 1_4	700	950	1800	2100	3000	15'	10'	130	14000	15000	97	13.41	14.09	14.85	18.51	19.11
MP 190 1_5	700	950	1800	2300	3000	15'	10'	130	14000	15000	97	9.32	10.00	10.77	14.42	15.02
MP 190 1_6	700	950	1800	2300	3000	15'	10'	130	14000	15000	97	2.88	3.56	4.33	7.98	8.58
MP 190 1_7	700	950	1800	2900	3500	15'	10'	130	14000	15000	97	5.68	6.36	7.13	10.78	11.38
MP 190 1_10	500	800	1400	2900	3500	15'	10'	130	14000	15000	97	3.57	4.25	5.02	8.67	9.27
MP 190 2_9	500	800	1400	1500	2500	15'	10'	100	14000	15000	94	23.23	23.91	24.67	28.33	28.93
MP 190 2_12	1000	1200	2200	1500	2500	15'	10'	100	14000	15000	94	22.03	22.71	23.48	27.13	27.73
MP 190 2_15	1000	1200	2200	1500	2500	15'	10'	100	14000	15000	94	21.58	22.25	23.02	26.68	27.27
MP 190 2_16	1000	1200	2200	2100	3000	15'	10'	100	14000	15000	94	12.19	12.86	13.63	17.29	17.89
MP 190 2_20	1000	1200	2200	2300	3000	15'	10'	100	14000	15000	94	8.54	9.22	9.98	13.64	14.24
MP 190 2_25	1000	1200	2200	2300	3000	15'	10'	100	14000	15000	94	8.37	9.05	9.82	13.48	14.07
MP 190 2_28	1000	1200	2200	2900	3500	15'	10'	100	14000	15000	94	5.28	5.96	6.73	10.38	10.98
MP 190 2_30	500	800	1400	2900	3500	15'	10'	100	14000	15000	94	3.48	4.16	4.93	8.58	9.18
MP 190 2_35	1000	1200	2200	2900	3500	15'	10'	100	14000	15000	94	5.20	5.87	6.64	10.30	10.90
MP 190 2_36	700	950	1800	2300	3000	15'	10'	100	14000	15000	94	2.18	2.86	3.63	7.28	7.88
MP 190 2_40	1000	1200	2200	2900	3500	15'	10'	100	14000	15000	94	3.37	4.05	4.82	8.48	9.07
MP 190 2_50	1000	1200	2200	2900	3500	15'	10'	100	14000	15000	94	3.33	4.01	4.78	8.44	9.03
MP 190 2_70	1000	1200	2200	2900	3500	15'	10'	100	14000	15000	94	3.30	3.97	4.74	8.40	9.00
MP 190 2_100	500	800	1400	2900	3500	15'	10'	100	14000	15000	94	3.28	3.95	4.72	8.38	8.98
MP 190 3_48	1000	1200	2200	2100	3000	17'	12'	90	14000	15000	91	12.73	13.40	14.17	17.83	18.43
MP 190 3_64	1000	1200	2200	2100	3000	17'	12'	90	14000	15000	91	12.10	12.78	13.55	17.21	17.80
MP 190 3_75	1000	1200	2200	2300	3000	17'	12'	90	14000	15000	91	8.86	9.54	10.31	13.97	14.56
MP 190 3_80	1000	1200	2200	2100	3000	17'	12'	90	14000	15000	91	12.09	12.76	13.53	17.19	17.79
MP 190 3_84	1000	1200	2200	2900	3500	17'	12'	90	14000	15000	91	5.46	6.13	6.90	10.56	11.16
MP 190 3_90	500	800	1400	2900	3500	17'	12'	90	14000	15000	91	3.47	4.15	4.92	8.57	9.17
MP 190 3_120	1000	1200	2200	2900	3500	17'	12'	90	14000	15000	91	3.46	4.14	4.91	8.56	9.16
MP 190 3_125	1000	1200	2200	2300	3000	17'	12'	90	14000	15000	91	8.34	9.01	9.78	13.44	14.04
MP 190 3_140	1000	1200	2200	2900	3500	17'	12'	90	14000	15000	91	5.25	5.92	6.69	10.35	10.95
MP 190 3_150	1000	1200	2200	2900	3500	17'	12'	90	14000	15000	91	3.46	4.13	4.90	8.56	9.15
MP 190 3_160	1000	1200	2200	2900	3500	17'	12'	90	14000	15000	91	3.36	4.04	4.81	8.46	9.06
MP 190 3_175	1000	1200	2200	2900	3500	17'	12'	90	14000	15000	91	5.18	5.85	6.62	10.28	10.88
MP 190 3_200	1000	1200	2200	2900	3500	17'	12'	90	14000	15000	91	3.36	4.03	4.80	8.46	9.06
MP 190 3_210	1000	1200	2200	2900	3500	17'	12'	90	14000	15000	91	3.45	4.13	4.90	8.55	9.15
MP 190 3_250	1000	1200	2200	2900	3500	17'	12'	90	14000	15000	91	3.32	4.00	4.77	8.42	9.02
MP 190 3_280	1000	1200	2200	2900	3500	17'	12'	90	14000	15000	91	3.29	3.97	4.74	8.39	8.99
MP 190 3_350	1000	1200	2200	2900	3500	17'	12'	90	14000	15000	91	3.29	3.97	4.74	8.39	8.99
MP 190 3_400	1000	1200	2200	2900	3500	17'	12'	90	14000	15000	91	3.27	3.95	4.72	8.38	8.97
MP 190 3_500	1000	1200	2200	2900	3500	17'	12'	90	14000	15000	91	3.27	3.95	4.72	8.38	8.97
MP 190 3_700	1000	1200	2200	2900	3500	17'	12'	90	14000	15000	91	3.27	3.95	4.72	8.38	8.97
MP 190 3_1000	500	800	1400	2900	3500	17'	12'	90	14000	15000	91	3.27	3.95	4.72	8.38	8.97