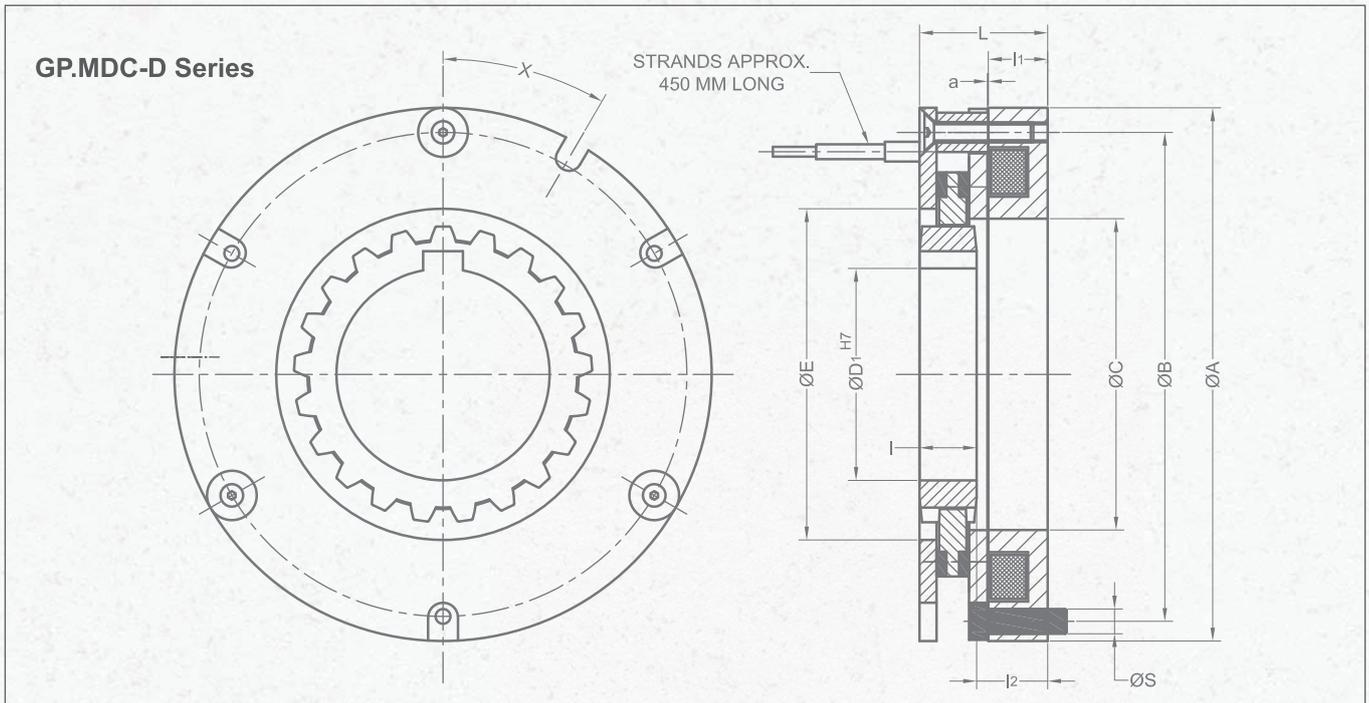


# Dimension Data

## Servo Motor Brakes GPSMB - Design 1

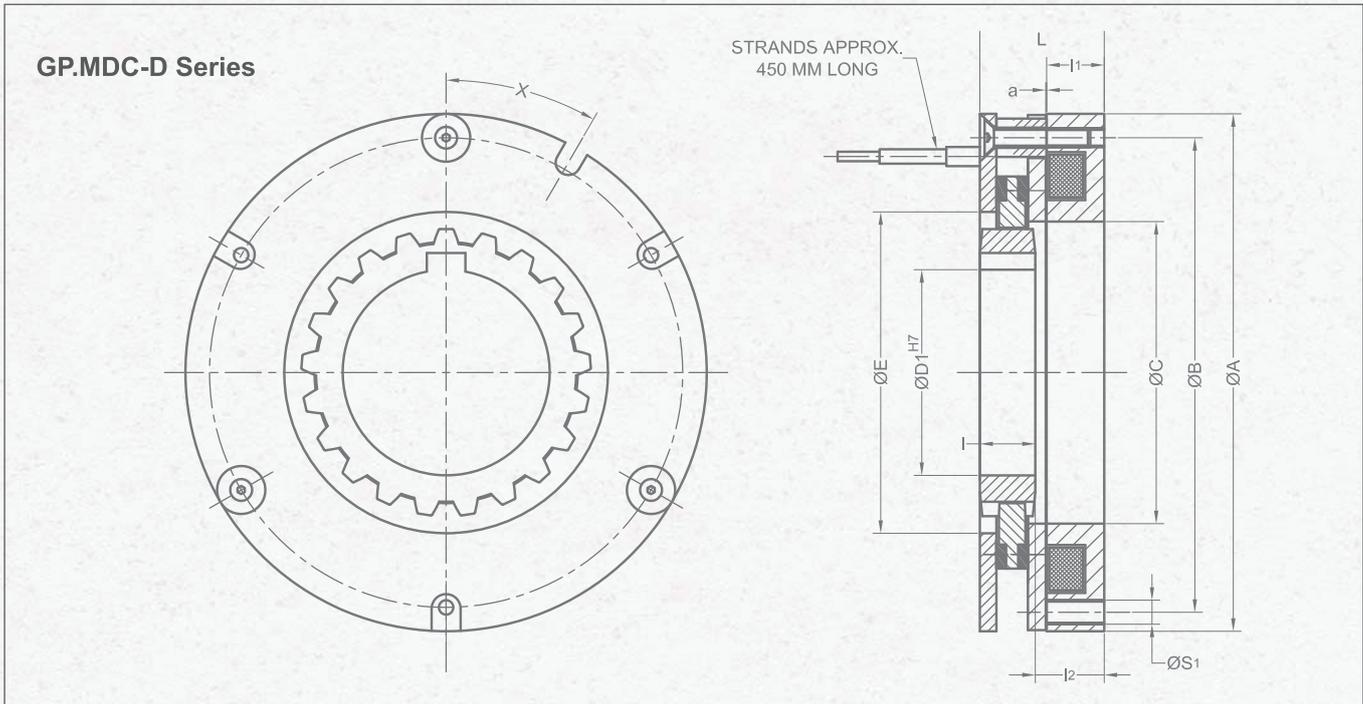


TECHNICAL DATA			SIZE						
			40	50	60	70	80	90	100
Braking Torque	M <sub>N</sub>	[Nm]	0.31	0.7	1.9	3.7	5.5	7.9	11.5
Voltage	U <sub>o</sub>	[VDC]	24	24	24	24	24	24	24
Holding Voltage	U <sub>H</sub>	[VDC]	8	8	8	8	8	8	8
Coil power at overexcitation voltage	P <sub>o</sub>	[W]	20.7	28.6	42.6	53.4	60.6	71.6	83.4
Coil power at holding voltage	P <sub>H</sub>	[W]	2.3	3.2	4.7	5.9	6.7	8.0	9.3
Maximum Speed	n <sub>max</sub>	[rpm]	10500	8500	7000	6500	5500	5000	4500
Weight at D <sub>1 max</sub>		[kg]	0.12	0.19	0.29	0.47	0.57	0.76	0.94

DIMENSIONS	SIZE						
	40	50	60	70	80	90	100
a	0.15	0.15	0.15	0.2	0.2	0.2	0.2
c	22.5	33.5	40.5	40.5	48.5	56	63
D <sub>1 MIN</sub>	8	10	12	12	15	23	20
D <sub>1 MAX</sub>	12	20	25	25	30	35	37
B	43	53	62	70	80	90	100
E	22.5	33.5	40.5	40.5	50	57	67
A	48	58	68	78	88	98	108
L	16.35	19.15	21.15	23.3	23.3	25.4	25.9
l <sub>0.2</sub>	7.4	9.2	9.5	9.5	10	13.5	12
l <sub>1</sub>	8.5	10	11	11.5	11.5	11.5	12
l <sub>2±0.5</sub>	8.95	9.95	11.65	13.8	13.3	11.9	13.9
S	2.4	2.4	2.9	3.4	3.4	4.5	4.5
X	25°	25°	25°	25°	25°	25°	25°

# Dimension Data

## Servo Motor Brakes GPSMB - Design 2



TECHNICAL DATA			SIZE						
			40	50	60	70	80	90	100
Braking Torque	M <sub>N</sub>	[Nm]	0.31	0.7	1.9	3.7	5.5	7.9	11.5
Voltage	U <sub>o</sub>	[VDC]	24	24	24	24	24	24	24
Holding Voltage	U <sub>H</sub>	[VDC]	8	8	8	8	8	8	8
Coil power at overexcitation voltage	P <sub>o</sub>	[W]	20.7	28.6	42.6	53.4	60.6	71.6	83.4
Coil power at holding voltage	P <sub>H</sub>	[W]	2.3	3.2	4.7	5.9	6.7	8.0	9.3
Maximum Speed	n <sub>max</sub>	[rpm]	10500	8500	7000	6500	5500	5000	4500
Weight at D <sub>1 max</sub>		[kg]	0.12	0.19	0.29	0.47	0.57	0.76	0.94

DIMENSIONS	SIZE						
	40	50	60	70	80	90	100
a	0.15	0.15	0.15	0.2	0.2	0.2	0.2
c	22.5	33.5	40.5	40.5	48.5	56	63
D <sub>1 MIN</sub>	8	10	12	12	15	23	20
D <sub>1 MAX</sub>	12	20	25	25	30	35	37
B	43	53	62	70	80	90	100
E	22.5	33.5	40.5	40.5	50	57	67
A	48	58	68	78	88	98	108
L	16.35	19.15	21.15	23.3	23.3	25.4	25.9
l <sub>0.2</sub>	7.4	9.2	9.5	9.5	10	13.5	12
l <sub>1</sub>	8.5	10	11	11.5	11.5	11.5	12
l <sub>2±0.5</sub>	8.95	9.95	11.65	13.8	13.3	11.9	13.9
S <sub>1</sub>	M2,5	M2,5	M3	M4	M4	M5	M5
X	25°	25°	25°	25°	25°	25°	25°