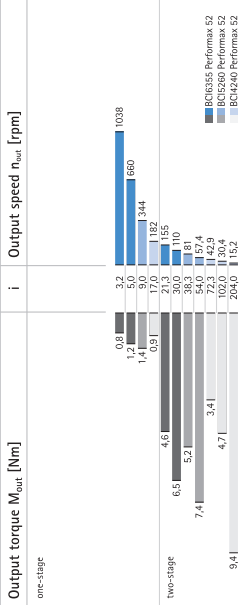
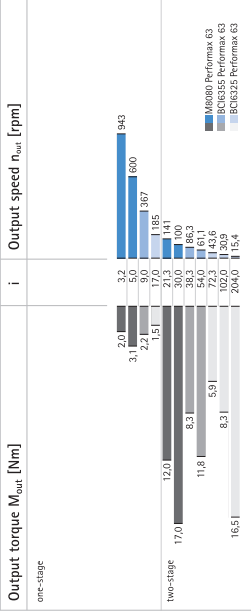


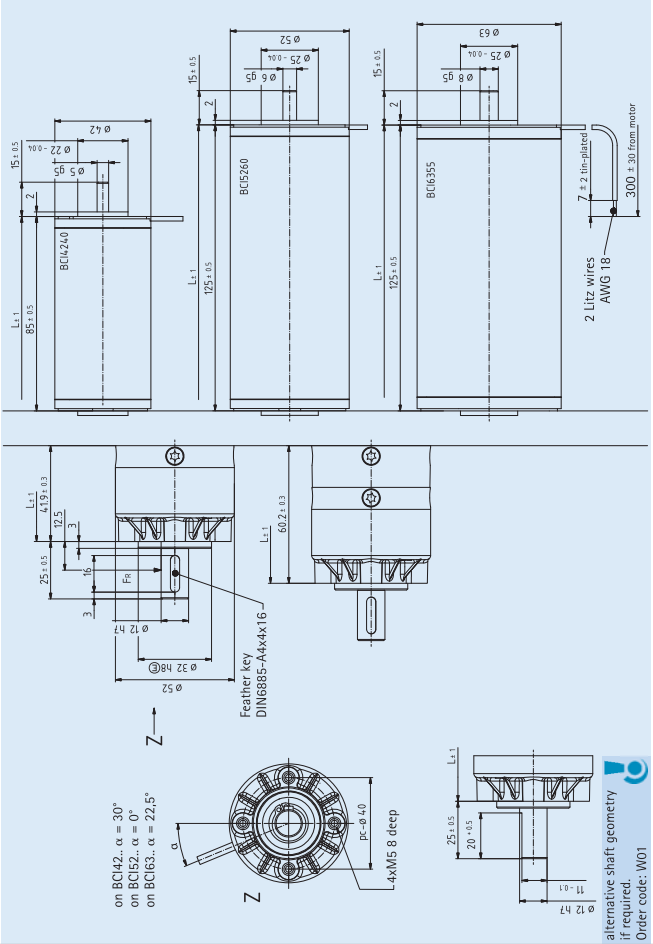
Permanent magnet DC motor with planetary gearhead Performax® 52



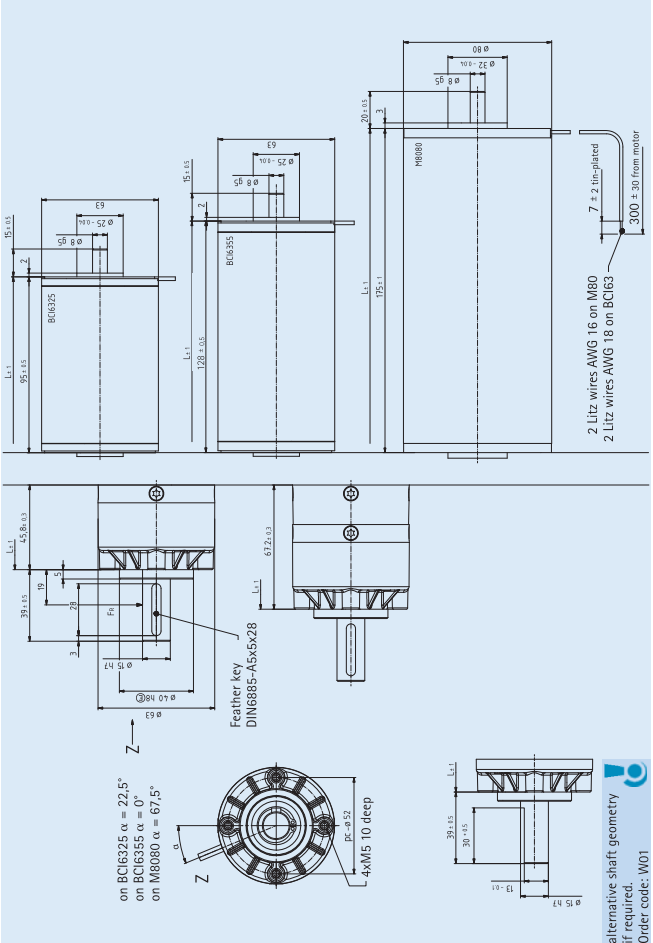
Permanent magnet DC motor with planetary gearhead Performax® 63



Max. radial load (F_R)	Max. axial load	Lifetime at M_{out} [Nm]	Output shaft bearing assy.	Gearhead play	Protection
350 N	500 N	5000 h	combined sliding/ball bearing	approx. 0,7° to 1,2° depending on reduction	IP 40
Operating factor $C_B=1$					



Max. radial load (F_R)	Max. axial load	Lifetime at M_{out} [Nm]	Output shaft bearing assy.	Gearhead play	Protection
350 N	500 N	5000 h	combined sliding/ball bearing	approx. 0,7° to 1,2° depending on reduction	IP 40
Operating factor $C_B=1$					



Planetary gearhead		Permanent magnet DC motor					
Performax® 52		Performax® 63					
No.	Reduction i / no. of stages	Output torque M_{out} [Nm]*	Output speed n_{out} [rpm]	Rated current I [A]	Motor Order No.	Weight [kg]	Length L [mm]
G 23.	3.2 / 1	0.8	1038	4.9	52.1.6355.P01	2.1	167
G 24.	5 / 1	1.2	660	4.9	52.1.6355.P02	2.1	167
G 25.	9 / 1	1.4	344	3	52.1.5260.P03	1.5	167
G 26.	17 / 1	0.9	182	1.2	52.1.4240.P04	0.9	127
G 27.	21.3 / 2	4.6	155	4.9	52.2.6355.P05	4.9	2.2
G 28.	30 / 2	6.5	110	4.9	52.2.6355.P06	4.9	2.2
G 29.	38.3 / 2	5.2	81	3	52.2.5260.P07	3	1.6
G 30.	54 / 2	7.4	57.4	4.9	52.2.5260.P08	3	1.6
G 31.	72.3 / 2	3.4	42.9	1.2	52.2.4240.P09	1.2	1.45
G 32.	102 / 2	4.7	30.4	1.2	52.2.4240.P10	1.2	1.45
G 33.	204 / 2	9.4	15.2	1.2	52.2.4240.P11	1.2	1.45

Planetary gearhead		Permanent magnet DC motor					
Performax® 63		Performax® 55					
No.	Reduction i / no. of stages	Output torque M_{out} [Nm]*	Output speed n_{out} [rpm]	Rated current I [A]	Motor Order No.	Weight [kg]	Length L [mm]
G 34.	3.2 / 1	2	943	198	M8080	4.1	221
G 35.	5 / 1	3.1	600	198	M8080	4.1	221
G 36.	9 / 1	2.2	367	84	BCI6355	4.9	2.1
G 37.	17 / 1	1.5	185	29	BCI6325	2.7	1.6
G 38.	21.3 / 2	12	141	178	M8080	11.8	4.2
G 39.	30 / 2	17	100	178	M8080	11.8	4.2
G 40.	38.3 / 2	8.3	86.3	75	BCI6355	4.9	2.2
G 41.	54 / 2	11.8	61.1	75	BCI6355	4.9	2.2
G 42.	72.3 / 2	5.9	43.6	27	BCI6325	2.7	1.7
G 43.	102 / 2	30.9	30.9	27	BCI6325	2.7	1.7
G 44.	204 / 2	16.5	15.4	27	BCI6325	2.7	1.7

Add-on components		BCI6355		BCI6325	
Brake	Encoder	Brake	Encoder	Brake	Encoder
B03	G01-G05	B03	G01-G05	B03	G01-G05

Add-on components		BCI6355		BCI6325	
Brake	Encoder	Brake	Encoder	Brake	Encoder
B03	G01-G05	B03	G01-G05	B03	G01-G05

F G H I J

F G H I J

*maximum continuous output torque · M_{max} [Nm] see page 18-19 · Brake: Page 129 · Encoder: Page 130-132 · Electronics: Page 142-151

*maximum continuous output torque · M_{max} [Nm] see page 18-19 · Brake: Page 129 · Encoder: Page 130-132 · Electronics: Page 142-151