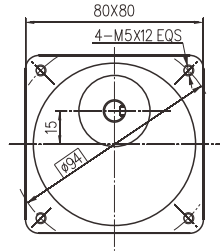
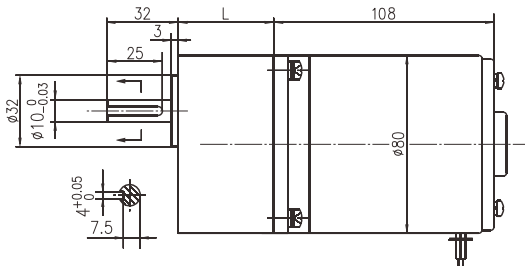


80JB100K/80ZY100

80mm Integrated Gearbox,
Permissible Load Range: 10N.m

Long-lived Gearboxes, Alloy structural steel gears, all using rolling bearings

● Dimensions



● Motor Technical Data

Type	Rated voltage VDC	No-load speed r/min	No-load current mA	Rated speed r/min	Rated torque mN.m	Output power W	Rated current A	Stall torque mN.m	Stall current A
80ZY100-2420	24	2000	0.4	1700	0.25	45	3.0	1.5	16
80ZY100-2430	24	3000	0.5	2600	0.30	80	5.0	1.8	22

● Gear motor Technical Data

80ZY100-2420 DC Motor

Reduction ratio	3	5	6	7.5	9	10	12.5	15	18	20	25	30	36	40	50	60	75
Number of gear trains	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	4	4
Length(L) mm	32	32	32	32	32	32	32	32	32	43	43	43	43	43	43	43	43
No-load speed r/min	667	400	333	267	222	200	160	133	111	100	80	67	56	50	40	33	27
Rated speed r/min	567	340	283	227	189	170	136	113	94	85	68	57	47	43	34	28	23
Rated torque N.m	0.68	1.1	1.2	1.5	1.8	2.0	2.5	3.0	3.6	3.7	4.6	5.5	6.6	7.3	9.1	9.9	10
Max. permissible load in a short time N.m	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	15	15	15	15	15	15	20	20
Direction of rotation	CW	CW	CW	CW	CW	CW	CW	CW	CW	CCW	CCW	CCW	CCW	CCW	CCW	CW	CW

80ZY100-2430 DC Motor

Reduction ratio	3	5	6	7.5	9	10	12.5	15	18	20	25	30	36	40	50	60	75
Number of gear trains	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	4	4
Length(L) mm	32	32	32	32	32	32	32	32	32	43	43	43	43	43	43	43	43
No-load speed r/min	1000	600	500	400	333	300	240	200	167	150	120	100	83	75	60	50	40
Rated speed r/min	800	520	433	347	289	260	208	173	144	130	104	87	72	65	52	43	35
Rated torque N.m	0.81	1.2	1.5	1.8	2.2	2.4	3.0	3.6	4.4	4.4	5.5	6.6	7.9	8.8	9.9	10	10
Max. permissible load in a short time N.m	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	15	15	15	15	15	15	20	20
Direction of rotation	CW	CW	CW	CW	CW	CW	CW	CW	CW	CCW	CCW	CCW	CCW	CCW	CCW	CW	CW

● Motor Characteristic Figure

