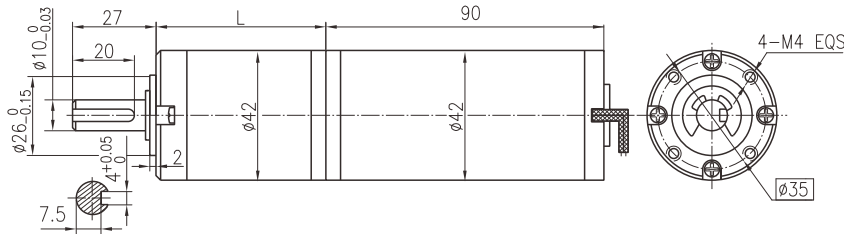


42JXL100K/42ZY90

42mm OD Planetary Gearbox,
Permissible Load Range: 1N.m~10N.m

Low noise gearboxes, 1-Stage use helical gears, The code name 'L' is used in the model

● 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
42ZY90-2434	24	3400	0.45	2450	95	24	1.8	300	5.8

● Gear Motor Technical Data

42ZY90-2434 DC Motor

Reduction ratio	14	19	22	27	49	59	68	82	95	115	181	219
Number of gear trains	2	2	2	2	3	3	3	3	3	3	4	4
Length(L) mm	42.1	42.1	42.1	42.1	52.5	52.5	52.5	52.5	52.5	52.5	62.9	62.9
No-load speed r/min	243	179	155	126	69	58	50	41	36	30	19	16
Rated speed r/min	175	129	111	91	50	42	36	30	26	21	14	11
Rated torque N.m	1.1	1.5	1.7	2.1	3.4	4.1	4.7	5.7	6.6	8.0	10	10
Max. permissible load in a short time N.m	12	12	12	12	25	25	25	25	25	25	30	30

● Motor Characteristic Figure

