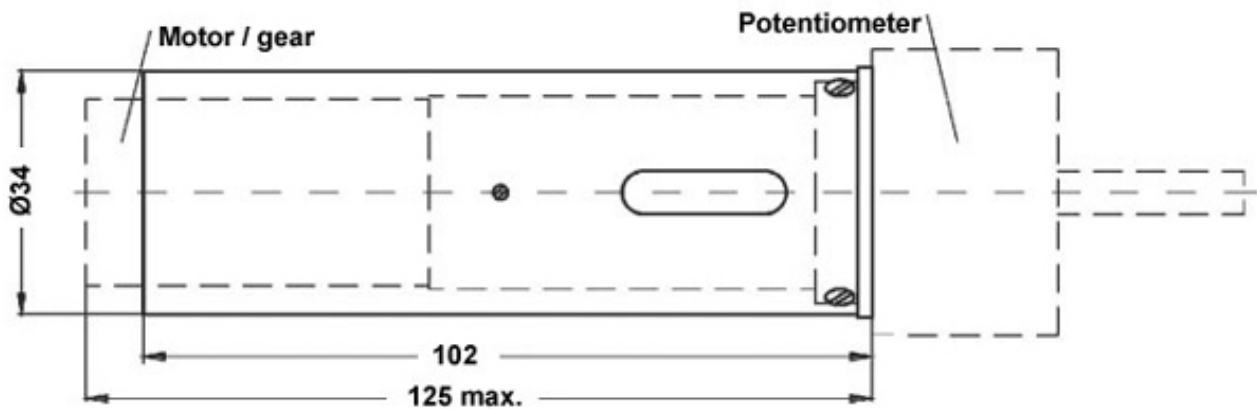


- Single or Multi-Turn
- High Torque
- Wide RPM Range
- Protection Clutch
- Limit Switches (opt.)



Precision DC miniature motor (non-ferrous, single groove armature) ideal for low voltage operation with slip free reduction gears in a wide range of gear ratios. Internal slipping clutch prevents over rotation damage to potentiometer and can allow for manual adjustment.

Standard Dimensions (mm)



Specifications

Time for 360° revolution in seconds				Backlash
Motor Code Gear Code	26177 6 VDC (25mA)	26120 12 VDC (16mA)	26210 24 VDC (9mA)	
2505	0.059	0.057	0.051	< 2.5°
2510	0.116	0.112	0.102	
2520	0.23	0.22	0.20	
2530	0.35	0.34	0.30	
2575	0.87	0.84	0.76	
25100	1.16	1.11	1.01	
25200	2.31	2.23	2.02	
25300	3.46	3.34	3.03	
25500	5.77	5.57	5.05	
25750	8.65	8.35	7.58	
251000	11.5	11.1	10.1	
251500	17.3	16.7	15.2	
252000	23.1	22.3	20.2	
252500	28.8	27.8	25.3	
253000	34.6	33.4	30.3	
253600	41.5	40.1	36.4	
254500	51.9	50.1	45.5	

Available Precision Potentiometers / Turns Counting Dials

Select potentiometer picture or model name for full specifications					
	<u>RPS45</u>	<u>MCP30</u>	<u>AL2510</u>	<u>4610</u>	<u>RLD / NKK</u>
Type	single turn	single turn	multi turn	multi turn	Counting Dial
Element	wire-wound	conductive plastic	wire-wound	wire-wound	-
Cycle Life	2 million	50 million	2 million	2 million	-
Max. Torque	4 mNm	2 mNm	8 mNm	12mNm	-
Limit Switch	optional	optional	optional	optional	25 / 29mm
Body Length	27mm	15mm	38mm	56mm	42 / 46mm
Body Diameter	41mm	27mm	25mm	84mm	-
Resistance Values (ohms)	10 ~ 50K	1K ~ 200K	20 ~ 200K	0.5 ~ 200K	-

Part Numbering Code

BS675 - 26120 - 25100 - MCP30R5K RA

Motor-pot. model series	Motor voltage code	Gear ratio code	Potentiometer model and resistance value	Required rear shaft extension
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BS675-26120-25100-MCP30R5kRA: BS675 series, 12V motor, 54 rpm, single turn MCP30 series precision potentiometer, 5k ohm, w/required rear shaft extension

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