## **ZJTEX ELECTRIC MOTOR BUSINESS GROUP**

# 25JA3K/2430-1255 PM DC gear motors

#### Motor Technical Data Rated voltage Rated torque **TYPE** No-load speed Rated speed Output power Rated current Stem current g.cm **VDC** r/min r/min W mΑ Α 12 5500 4000 1.2 220 2430-1255 30 8.0

#### Gear Motor Technical Data

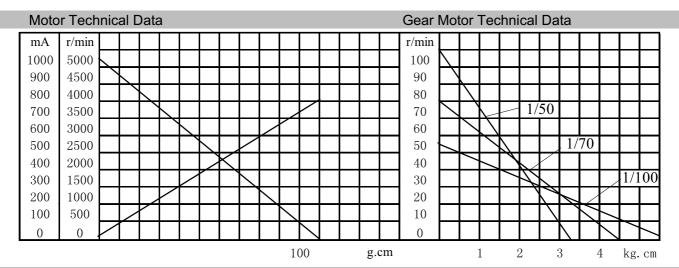
| Reduction ratio                               | 10   | 30   | 50   | 70  | 100 | 150 | 200 | 250 | 300 | 360 | 400 | 450 | 600 | 700 |
|---|------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Number of gear trains                         | 3    | 4    | 5    | 5   | 6   | 6   | 6   | 7   | 7   | 7   | 7   | 7   | 7   | 7   |
| Efficiency %                                  | 73   | 65   | 59   | 59  | 53  | 53  | 53  | 47  | 47  | 47  | 47  | 47  | 47  | 47  |
| No-load speed r/min                           | 550  | 183  | 110  | 78  | 55  | 37  | 27  | 22  | 18  | 15  | 13  | 12  | 9   | 8   |
| Rated speed r/min                             | 400  | 133  | 80   | 57  | 40  | 27  | 21  | 18  | 15  | 13  | 12  | 11  | 8   | 7   |
| Rated torque kg.cm                            | 0.22 | 0.58 | 0.88 | 1.2 | 1.5 | 2.3 | 3   | 3   | 3   | 3   | 3   | 3   | 3   | 3   |
| kg.cm<br>Max permissible load in a short time | 2    | 2    | 4    | 4   | 6   | 6   | 6   | 7   | 7   | 7   | 7   | 7   | 7   | 7   |
| Direction of Rotation                         | CCW  | CW   | CCW  | CCW | CW  | CW  | CW  | CCW |

### Use condition

Temperature of condition : -10~+50  $^{\circ}$ C Comparatively humidity: <85%(25 $^{\circ}$ C)

#### Figure

- (1) Index of speed allow error ±10%
- (2) Can making other characteristics motor



#### **Dimensions**

| Reduction ratio | L  |
|-----------------|----|
| 10~30           | 21 |
| 50~90           | 23 |
| 100~200         | 25 |
| 250~700         | 27 |

