

● Specifications(Pneumatic Artificial Muscle)

Type	PMJ20XSt-UK-Q St : Length of driving part [mm] 20~1500 (increments of 1mm)	PMJ40XSt-UK-Q St : Length of driving part [mm] 20~1500 (increments of 1mm)
Media	Air	
Tube outer diameter [mm]	Φ4	Φ6
Operating pressure range [MPa]	0~0.3	
Proof pressure [MPa]	0.5	
Operating temperature range [°C] (Atmosphere and Media)	0~40 (No condensation or freezing)	
Length of driving part ^(※1) [mm]	St.±5	
Contraction percentage ^(※2) [%] (0.3 MPa air pressure applied · No load)	More 20%	
Tractive force ^{(※2)(※3)} [N] (0.3 MPa air pressure applied · No load)	17	44
Tube material	EPDM	
Mass [g] Body only(When standard equipment is installed)	2.2 (12.7) Representative type : PMJ20X500-UK-Q	6.6 (21.4) Representative type : PMJ40X500-UK-Q
Standard equipments	Quick Fitting for 4mm OD tube [1pc], Clevis fitting[1pc]	Quick Fitting for 6mm OD tube [1pc], Clevis fitting[1pc]
Attached parts	Tube connection connector for 1.8mm OD	Tube connection connector for 4mm OD Tube connection connector for 1.8mm OD

(※1) See the dimensional drawing for drive length and other dimensions.

(※2) Please refer to the characteristic graph for the contraction rate and traction force for each applied pressure.

(※3) The tractive force is a reference value. Varies depending on usage conditions.

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