

2FG7

Parallel gripper for tight spaces and demanding payloads

TECHNICAL SPECIFICATIONS

General Properties		Minimum	Typical	Maximum	Unit	
Payload Force Fit		-	-	7 [15.5]	kg [lb]	
Payload Form Fit		-	-	11 [24.3]	kg [lb]	
Total stroke		-	38	-	mm	
Grip Width range	External	Fingers inwards	1 [0.039]	-	39 [1.53]	mm [inch]
		Fingers outwards	35 [1.37]	-	73 [2.87]	mm [inch]
	Internal	Fingers inwards	11 [0.43]	-	49 [1.92]	mm [inch]
		Fingers outwards	45 [1.77]	-	83 [3.26]	mm [inch]
Gripping force		20	-	140	N	
Gripping speed		16	-	450	mm/s	
Gripping repeatability		-	+/-0.1 [+/-0.004]	-	mm [inch]	
Hold workpiece if power loss?		Yes				
IP Classification		IP67				
Dimensions [L, W, D]		144 x 90 x 71 [5.67 x 3.54 x 2.79]			mm [inch]	
Weight		1.14 [2.4]			kg [lb]	



POWER UP PRODUCTION

- Complete, easy-to-program, collaborative parallel gripper gets to work fast in a wide range of applications
- Strong parallel gripper is easy to deploy in tight spaces and handles even demanding payload requirements
- Get fast ROI with a single flexible, intelligent, and precise gripper that can be easily customized and adapted for many different tasks
- Ready for use almost anywhere, with IP67 rating for harsh environments and ISO Class 5 certification for cleanroom use