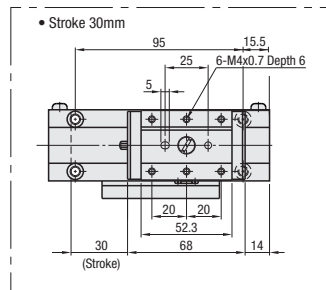


MPPT16 Series

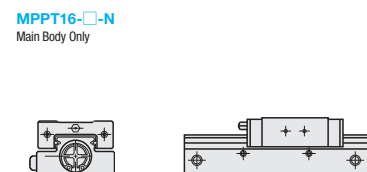


I.D. of Cylinder	Ø16
Stroke	20mm
	30mm

MPPT16-□-S
With Switches

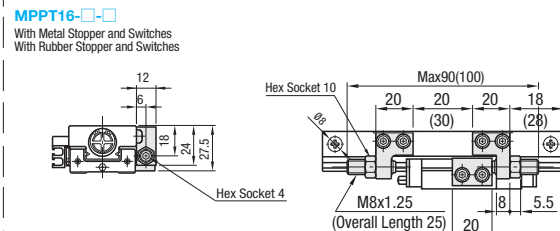
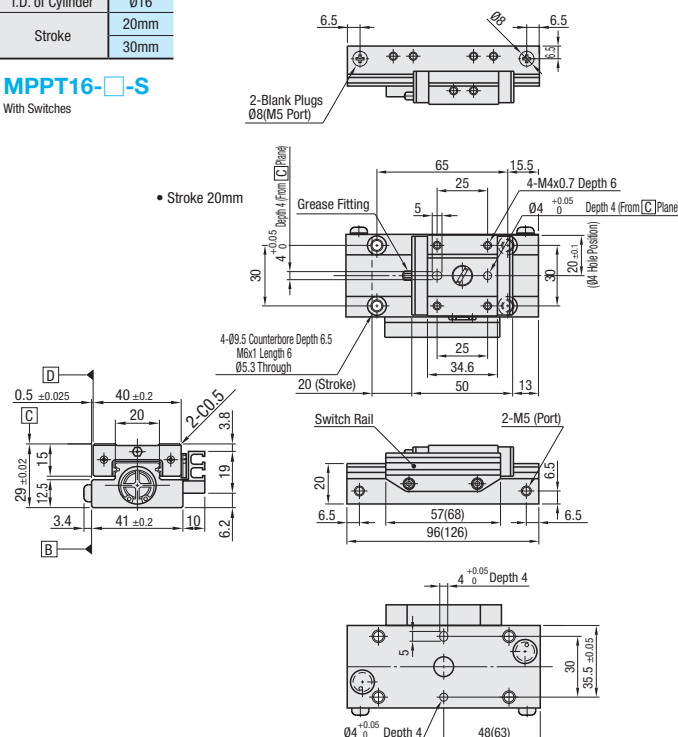


1. - Installation Datum Plane
 2. Dimensions in () are for 30mm stroke.
 3. 2 switches are included with Switch Type.



⚠ The dimensions are the same as Switch Type.

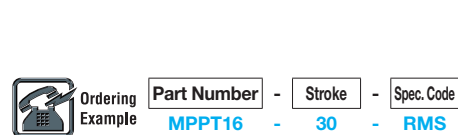
① Dimension lines for tapped holes and etc. for switches and stoppers are omitted above. For details of the dimensions, please refer to CAD data.



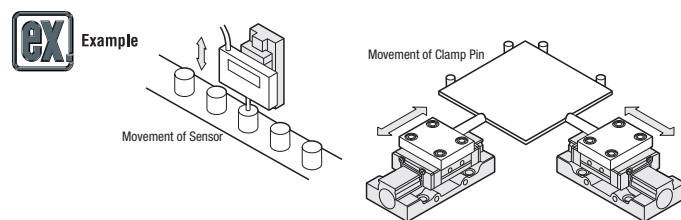
⦿ Dimensions in () are for 30mm stroke.

Part Number	Stroke	Specification Selection	Stroke Adjustable Amount	Max. Load Mass	Main Body Mass	Unit Price (per Each Spec.) 1 ~ 3 pc(s).		
						N, J, S, RS, TS	MS, RMS, TMS	MT, RMT, TMT
MPPT16	20	N (Main Body Only)	-	2.0kg	445g		-	-
	30	J (Main Body with Switch Rail)			610g		-	-
	20	S (Contacting Switch)			490g			
	30	MS (Non-contact Switch)			660g			
	30	MT (3 Wire Non-contact Switch)	10mm for Both Sides	1.0kg	590g			
	20	RS (Metal Stopper, Contacting Switch)			760g			
	30	RMS (Metal Stopper, Non-contact Switch)		2.0kg	590g			
	30	RMT (Metal Stopper, 3 Wire Non-contact Switch)			760g			
	20	TS (Rubber Stopper, Contacting Switch)						
	30	TMS (Rubber Stopper, Non-contact Switch)						
	30	TMT (Rubber Stopper, 3 Wire Non-contact Switch)						

📢 For orders larger than indicated quantity, please request a quotation.



About Specifications and Switches P.621

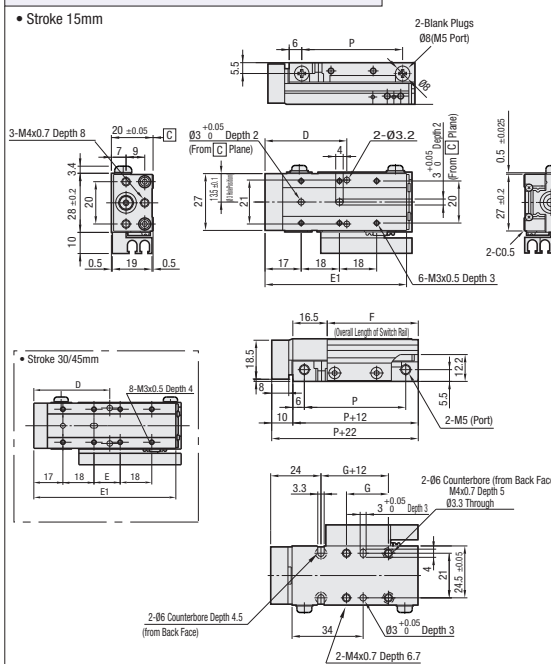


MPPU10, MPPU12 Series



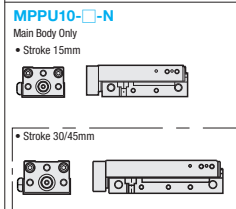
I.D. of Cylinder	Ø10
Stroke	15mm
	30mm
	45mm

MPPU10-□-S
With Switches



Stroke	P	D	E	E1	F	G
15	48	39	-	67	43.5	20
30	63	44	15	82	58.5	35
45	78	49	30	97	73.5	50

2 switches are included with Switch Type



 The dimensions are the same as Switch Type

⚠ Dimension lines for tapped holes and etc. for switches and stoppers are omitted above.

MPPU10-□-□									
Part Number	Stroke	Specification Selection	Stroke Adjustable Amount	Max. Load Mass	Main Body Mass	Unit Price (per Each Spec.)			1 ~ 3 p
MPPU10	15	N (Main Body Only)	-	0.8kg	230g	N, J, S, SS, SN	MS, SMS, SMN	MT, SMT	-
	30	J (Main Body with Switch Rail)			270g	-	-	-	
	45				320g	-	-	-	
	15	S (Contacting Switch)			275g	-	-	-	
	30	MS (Non-contact Switch)			320g	-	-	-	
	45	MT (3 Wire Non-contact Switch)			375g	-	-	-	
	15	SS (Metal Stopper, Contacting Switch)	Push Side 15mm	0.3kg	310g				
	30	SMS (Metal Stopper, Non-contact Switch)			365g				
	45	SMT (Metal Stopper, 3 Wire Non-contact Switch)			430g				
	15	SN (Rubber Stopper, Contacting Switch)			310g				
	30	SMN (Rubber Stopper, Non-contact Switch)			365g				
	45	SMR (Rubber Stopper, 3 Wire Non-contact Switch)			430g				

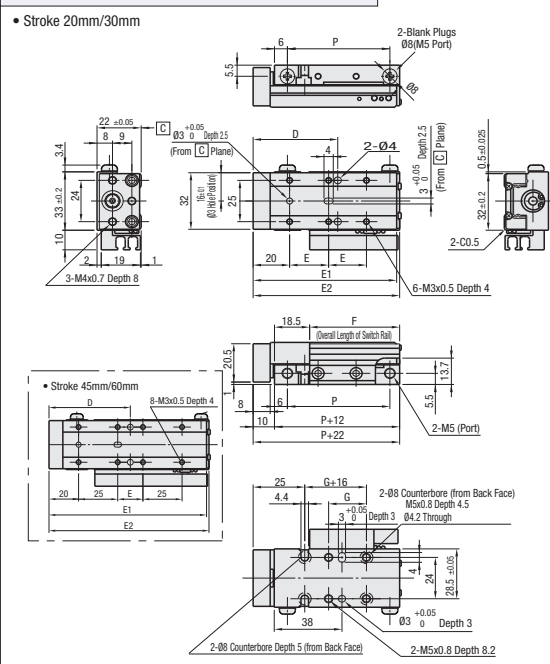


About Specifications and Switches P.621



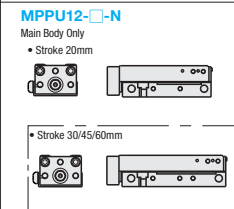
I.D. of Cylinder	Ø12
Stroke	20mm
	30mm
	45mm
	60mm

MPPU12-□-S
With Switches



Stroke	P	D	E	E1	E2	F	G
20	54	45	20	75	76.5	47.5	20
30	64	53	25	85	86.6	57.5	30
45	79	53	15	100	101.6	72.5	45
60	94	53	30	115	116.6	87.5	60

2 switches are included with Switch Type.



📌 The dimensions are the same as Switch Type.

For details of the dimensions, please refer to CAD data.

Part Number		Stroke	Specification Selection	Stroke Adjustable Amount	Max. Load Mass	Main Body Mass	Unit Price (per Each Spec.)	1 - 3
MPPU12	20					320g	N, J, S, SS, SN, MS, SMS, SMN, MT, SMT	
	30		N (Main Body Only)			370g		-
	45		J (Main Body with Switch Rail)			425g		-
	60					495g		-
	20			-	1.2kg	367g		-
	30		S (Contacting Switch)			420g		-
	45		MS (Non-contact Switch)			480g		-
	60		MT (3 Wire Non-contact Switch)			555g		-
	20					412g		-
	30		SS (Metal Stopper, Contacting Switch)			475g		-
	45		SMS (Metal Stopper, Non-contact Switch)			550g		-
	60		SMT (Metal Stopper, 3 Wire Non-contact Switch)			640g		-
	20			Push Side 15mm		412g		-
	30		SN (Rubber Stopper, Contacting Switch)			475g		-
	45		SMN (Rubber Stopper, Non-contact Switch)			550g		-
	60		SMR (Rubber Stopper, 3 Wire Non-contact Switch)		1.2kg	640g		-

For orders larger than indicated quantity, please request a quotation.