

Long service life cylinder

Environment-resistant cylinder

Linear Slide Hand

Low-profile long stroke hand

Wide Parallel Hand

Chuck

Air Booster

Compatible with rechargeable batteries

Supports food mfg. processes

SCPD3

CMK2

SCM

SSD2

MDC2

MSD

MSDG-L

SMG

LCR

LCG

STM

STG

STR2

SCPD3

CMK2

SCM

SCG

SSD2

SMG

LCR

STG

STS

STL

LSH

LSHL

LSHM

LST

LSTM

HMC

CKW

ABP2

SCPD3

CMK2

SCM

SSD2

MSD

MSDG-L

SMG

STG

STM

LCR

LCG

STR2

LSH

LSHL

SCPD3

CMK2

SCM

SCG

SSD2

STG



Guided cylinder Double acting/Single rod

Long service life cylinder

STM-^M_B-P4/P40-HP1 Series

● Bore size: ø6, ø10

JIS symbol



Specifications

Item	STM-M/B-P4/P40-HP1	
Bore size mm	ø6	ø10
Actuation	Double acting	
Working fluid	Compressed air	
Max. working pressure MPa	0.7	
Min. working pressure MPa	0.15	
Proof pressure MPa	1.05	
Ambient temperature °C	-10 to 60 (no freezing)	
Port size	M3	
Stroke tolerance mm	+1.5	
	0	
Working piston speed mm/s	50 to 500	
Cushion	With rubber cushion	
Lubrication	Not available	
Allowable absorbed energy J	0.008	0.054

Stroke

Bore size	Standard stroke (mm)	Max. stroke (mm)	Min. stroke	Min. stroke with switch
ø6	5/10/15	15	5	5
ø10	5/10/15/20	20		

Note: Products other than standard stroke are made to order products.

Refer to the STM-^M_B Series in "Pneumatic Cylinders II (No. CB-030SA)" for dimensions.

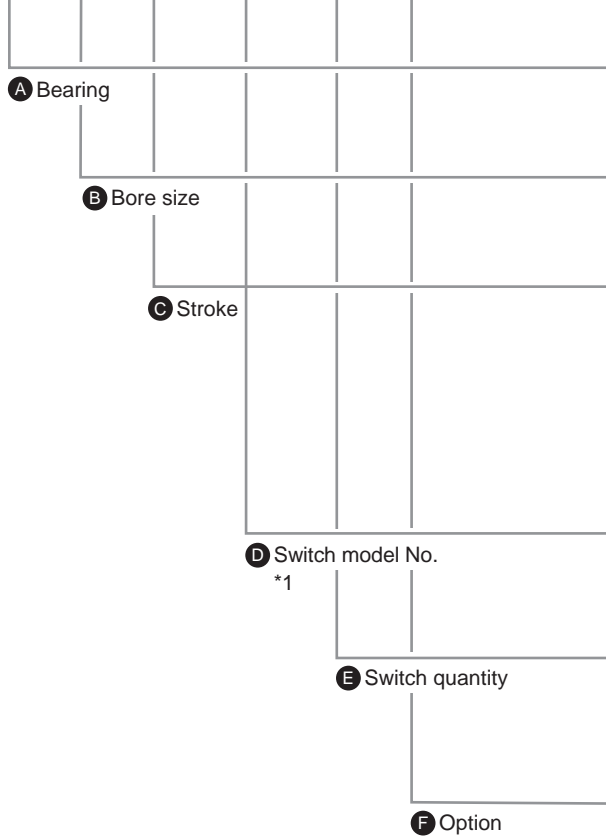
How to order

Without switch (built-in magnet for switch)

STM - M - 10 - 15 ————— A - ^{P4}_{P40} - HP1

With switch (built-in magnet for switch)

STM - M - 10 - 15 - SW83 - D - A - ^{P4}_{P40} - HP1




Code	Description		
A Bearing			
M	Metal bush bearing		
B	Ball bearing		
B Bore size (mm)			
6	ø6		
10	ø10		
C Stroke (mm)			
		Bore size	
		6	10
5	5	●	●
10	10	●	●
15	15	●	●
20	20		●
D Switch model No.			
Refer to the compatibility table on pages 210 to 213 for switch model No.			
E Switch quantity			
R	1 on rod side		
H	1 on head side		
D	2		
F Option			
A	Side mounting		
R	Rear piping		

Precautions for model No. selection

*1: When using a 2-color LED proximity switch for STM-B-6, avoid mounting the cylinder on a magnetic substance such as a metal plate. This could lead to switch detection malfunction.

Related products

Speed controller							
Model No.	Appearance	Port size (Rc or R)			Compatible tube O.D.		
		M3	M5	1/8	4(ø4)	6(ø6)	8(ø8)
SC3W-M3- *P4		●				●	
SC3*-P4			●			●	●

Specify the compatible tube O.D. code for *. Refer to "rechargeable battery compatible component P4* Series" (No.CC-1226A) for details.

[illegible]