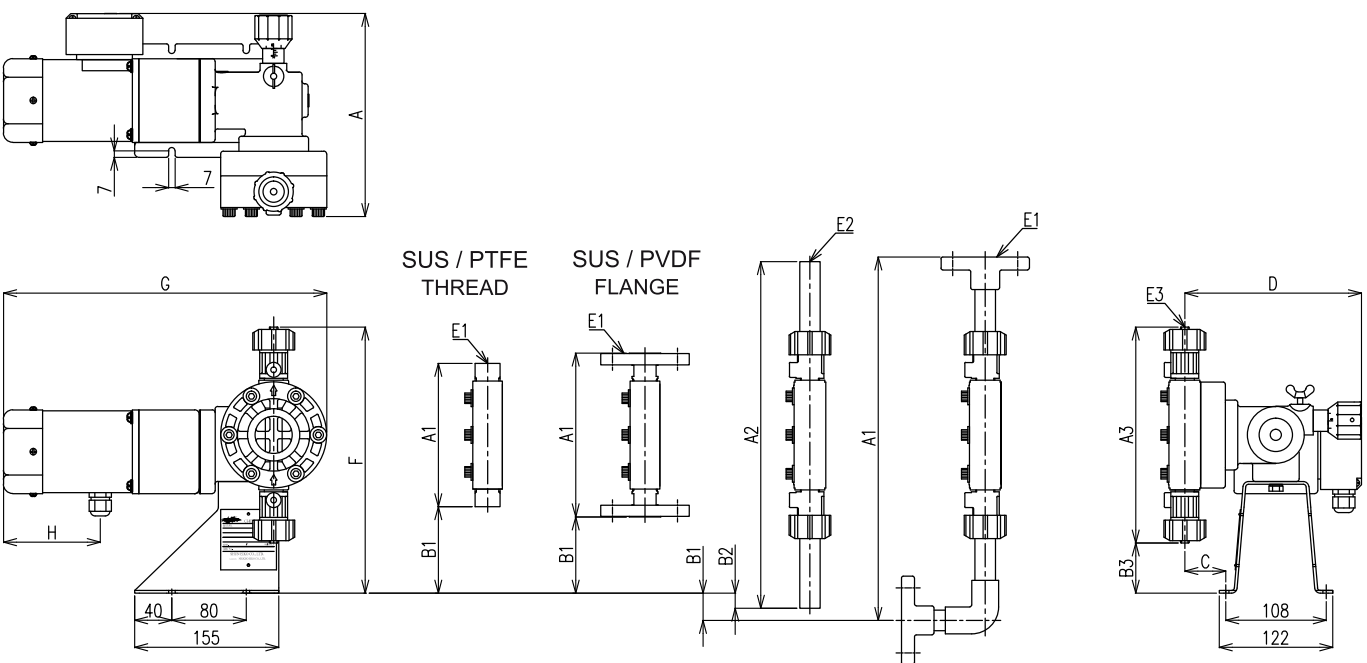


DIMENSIONS



MODE	MATERIAL	A	A1	A2	A3	B1	B2	B3	C	D	E1	E2	E3	F	G	H
BX01.03.05	PVC	232	364	343	166	16	2	87	37	183	15A JIS 10K FLANGE	VP16 UNION	Ø6 IDXØ110D HOSE	253	*309	77
	SUS / PVDF		156	—	—	92	—	—			PT 1/4"			248	*308	
	SUS / PTFE		207	106	—	—	117	—						223	*300	
BX10.20.30	PVC	232	376	355	178	22	8	81	37	183	15A JIS 10K FLANGE	VP16 UNION	Ø6 IDXØ110D HOSE	259	289	77
	SUS / PVDF		176	—	—	82	—	—			PT 1/4"			258	293	
	SUS / PTFE		207	126	—	—	107	—						233		
BX50	PVC	232	376	355	214	22	8	63	37	183	15A JIS 10K FLANGE	VP16 UNION	Ø9 IDXØ150D HOSE	277	289	77
	SUS / PVDF	233	156	—	—	92	—	—	38	184	PT 1/4"			248	293	
	SUS / PTFE	209 217	134	—	—	103	—	—	38 42	184 188				237		
BX70.100	PVC	238	391	373	232	29	16	54	44	190	15A JIS 10K FLANGE	VP16 UNION	Ø9 IDXØ150D HOSE	286	348	104
	SUS / PVDF	239	176	—	—	82	—	—	43	189	PT 3/8"			258	351	
	SUS / PTFE	217	154	—	—	93	—	—						247		

※BX01 Unit:mm

CHEMIPON®B Series BX

Diaphragm type metering pump



PTFE

SUS

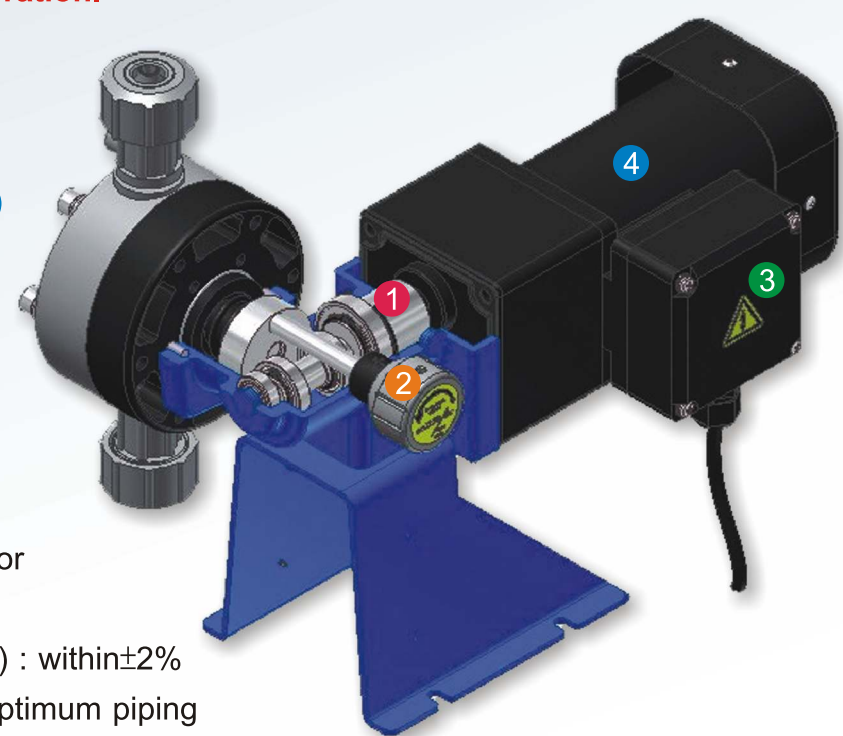
PVC

Maximum discharge capacity reaches more than **2 L/min!!!!!!**
NIKKISO EIKO developed series BX with the experienced technologies and the customer's advantages.

- 1 Double cam design, stable operation.
- 2 Manual control is easy.
- 3 Cover with wire box.
- 4 Motor level upgrade to F (IP55)

FEATURE

- ★Compact, easy to install
- ★Various materials for liquid ends, selection of the suitable materials or the applied liquids is possible
- ★Discharge accuracy (Repeatability) : within±2%
- ★Various types of connections for optimum piping
- ★Easy maintenance



IDENTIFICATION

BX	10	-	P	C	F	-	H	110	SP
1	2	-	3	4	5	-	6	7	8

- 1 Series name

2 Type No .

3 Pump head
P : PVC S : SUS304 M : SUS316
D : PVDF T : PTFE

4 Ball valve
C : Ceramic S : SUS304 M : SUS316

5 O-ring/Gasket
E : EPDM F : FPM T : PTFE

6 Connection
F : Flange H : Hose
K : Thread U : Union
- 7 Power
110: 1Ø 100V~110V (50/60Hz)
120: 1Ø 200V~240V (50/60Hz)
320: 3Ø 200V~240V (50/60Hz)
338: 3Ø 380V~415V (50/60Hz)
344: 3Ø 440V~480V (50/60Hz)

8 Special design
K : For high viscosity liquid (Polymer)

BX SPECIFICATION

Model	Diaphragm Dia. (mm)	Stroke length (mm)	Stroke speed (SPM)		Speed ratio	Discharge capacity mL/min (0 MPa)		Max. Dis. Pressure (MPa)	Motor output (W)	Standard pipe (PVC)
			50Hz	60Hz		50Hz	60Hz			
BX01	φ42	2	16	20	1/90	14	16	1	40	Hose type φ6 x φ11
BX03			75	90	1/20	77	92			
BX05			120	144	1/12.5	120	145			
BX10	φ65	4	100	120	1/15	320	385			
BX20			75	90	1/20	430	530	0.5	90	Hose type φ9 x φ15
BX30			120	144	1/12.5	730	885			
BX50			166	200	1/9	1025	1215			
BX70	φ84	8	75	90	1/20	1475	1815			
BX100			120	144	1/12.5	2355	2845			

- Test condition: Normal temperature water. (Self-priming 1M)
- Anti siphon check valve can maintain discharge capacity stably.
- Discharge performance might change in different condition.

MATERIALS

Diaphragm Head	Diaphragm	Ball Valve	Valve Seat	Joint	Applied chemicals
PVC	PTFE/EPDM	CERAMIC	FPM/EPDM PVC	PVC	Sulfuric acid, Hydrochloric acid, Sodium hypochlorite, PAC, Urea Phosphoric acid
PVC		SUS304	SUS304	PVC	Active carbon, Sodium hydroxide, Flocculant, Lime.
SUS304		SUS304	SUS304	SUS304	Solvents, Alcohol

BX ACCESSORIES

	Name	Model	Applied pump model
Standard accessories	Anti-siphon check valve	B55PV	BX01~BX30
		B73PV	BX50~BX100
	Foot valve	B63PV	BX01~BX30
		B65PV	BX50~BX100
Optional accessories	Filter	B64PV	BX01~BX30
		B66PV	BX50~BX100

