

CHEMIPON[®] B Series BX

Diaphragm type metering pump



PTFE



SUS



PVC

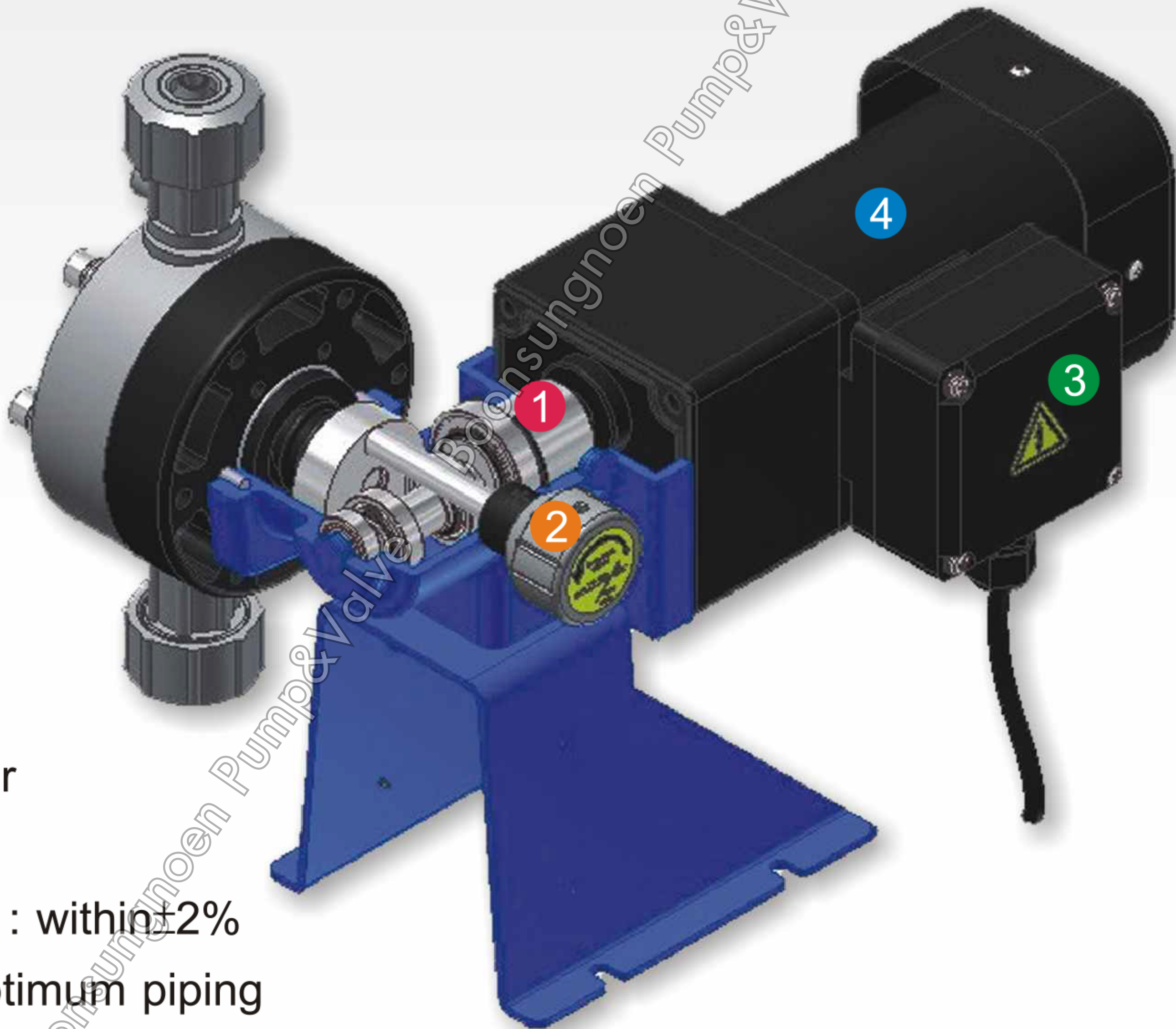
Maximum discharge capacity reaches more than **2 L/min!!!!!!**

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)		Max. Dis. Pressure (Mpa)	Motor output (W)	Standard pipe (PVC)
			50Hz	60Hz		50Hz	60Hz			
BX01	ø42	2	16	20	1/90	14	16	0.1	40	Hose type ø6 x ø11
BX03			75	90	1/20	77	92			
BX05			120	144	1/12.5	120	145			
BX10	ø65		100	120	1/15	320	385			
BX20		75	90	1/20	430	530				
BX30		120	144	1/12.5	730	885				
BX50		166	200	1/9	1025	1215				
BX70	ø84	8	75	90	1/20	1475	1815	0.5	90	Hose type ø9 x ø15
BX100			120	144	1/12.5	2355	2845			

MATERIALS

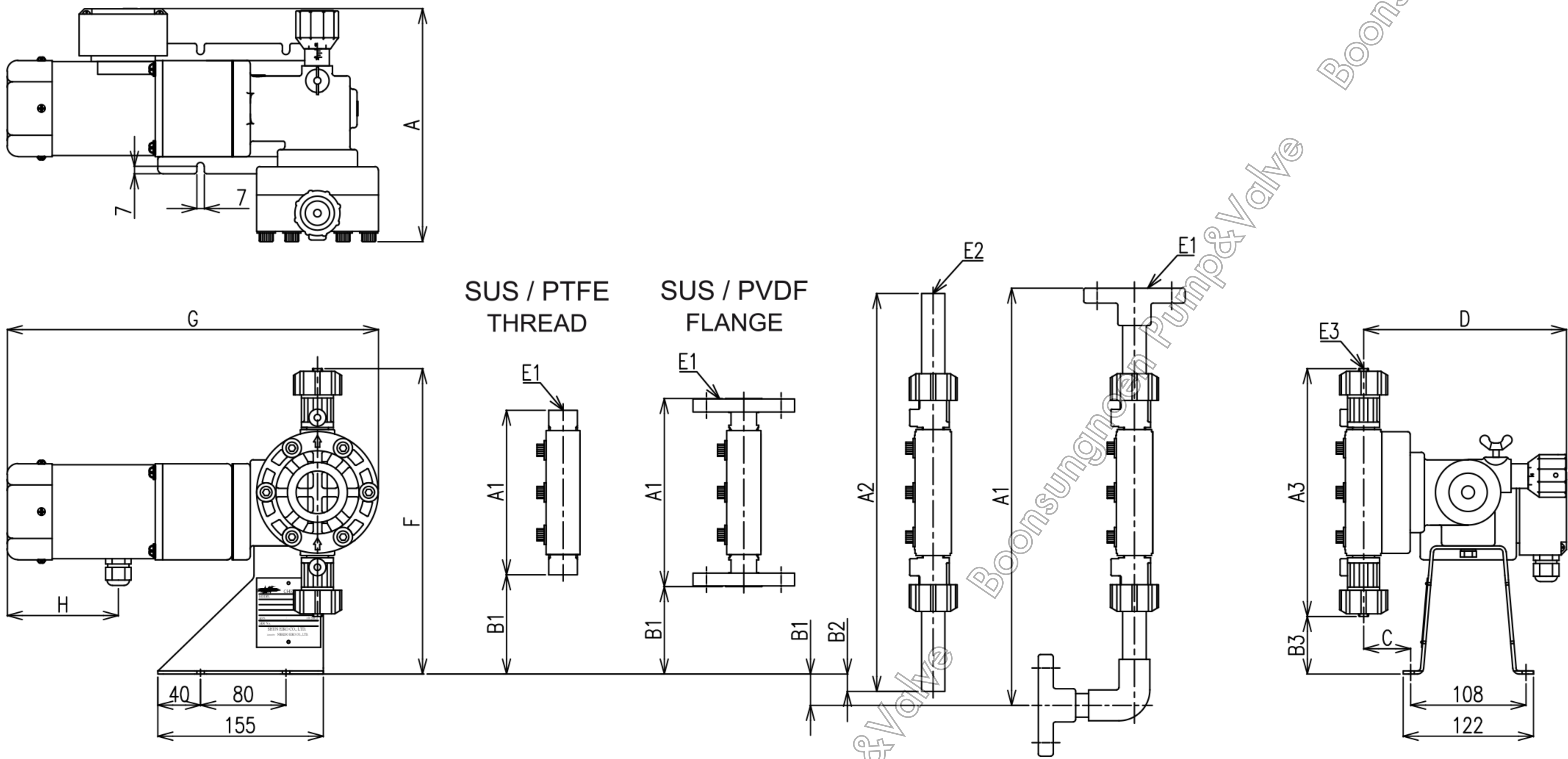
Diaphragm Head	Diaphragm	Ball Valve	Valve Seat	Joint	Applied chemicals
PVC	PTFE/EPDM	GERAMIC	FPM/EPDM PVC	PVC	Sulfuric acid, Hydrochloric acid, Sodium hypochlorite, PAC, Urea Phosphoric acid
PVC		SUS304	SUS304	PVC	Active carbon, Sodium hydroxide, Flocculant, Lime.
SUS304		SUS304	SUS304	SUS304	Solvents,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

BX ACCESSORIES



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

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 ID X Ø11 OD HOSE	253	*309 291	77
	SUS / PVDF		156	—	—	92	—	—						248	*308 290	
	SUS / PTFE	207	106	—	—	117	—	—			PT 1/4"			223	*300 282	
BX10.20.30	PVC	232	376	355	178	22	8	81	37	183	15A JIS 10K FLANGE	VP16 UNION	Ø6 ID X Ø11 OD HOSE	259	289	80
	SUS / PVDF		176	—	—	82	—	—						258	293	
	SUS / PTFE	207	126	—	—	107	—	—			PT 1/4"			233		
BX50	PVC	232	376	355	214	22	8	63	37	183	15A JIS 10K FLANGE	VP16 UNION	Ø9 ID X Ø15 OD HOSE	277	289	80
	SUS / PVDF	233	156	—	—	92	—	—	38	184				248	293	
	SUS / PTFE	209 217	134	—	—	103	—	—	38 42	184 188	PT 1/4"			237		
BX70.100	PVC	238	391	373	232	29	16	54	44	190	15A JIS 10K FLANGE	VP16 UNION	Ø9 ID X Ø15 OD HOSE	286	348	104
	SUS / PVDF	239	176	—	—	82	—	—	43	189				258	351	
	SUS / PTFE	217	154	—	—	93	—	—		PT 3/8"			247			

※BX01 Unit:mm

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