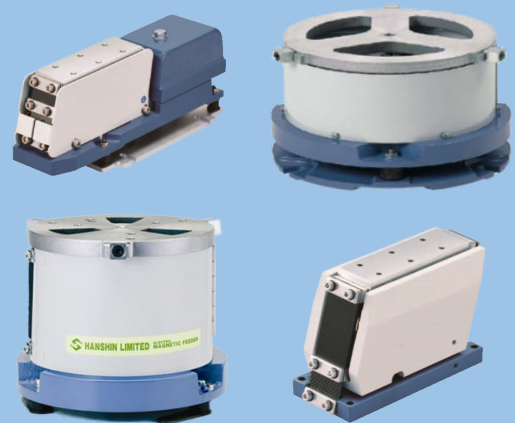


Reliable Feeding. Always.

# PARTS FEEDING SYSTEMS

## PRODUCTS CATALOGUE



SSH AUTOMATION PTE LTD

Authorized Distributor of Hanshin Limited Parts Feeder



SSH Automation was established in 1991 with the vision of becoming the leading vibratory part feeder supplier in the region. Our ability to deliver quality vibratory parts feeder system and reliable after-sales services has been a powerful source of competitive advantage for over 20 years. The expertise of our employees coupled with strong problem solving capabilities have enabled us to meet our customers' requirements time and time again.

Over the years, we have been involved in the continuous innovation of vibratory parts and bowl feeding solutions. In 2007, we improved our facilities by adding a CNC laser cutting machine centre. In 2010, we reached an agreement with Hanshin Limited and its affiliated companies to distribute their products (made in Korea) in Singapore, Malaysia & Indonesia. This partnership has enabled us to provide CE certified feeders for our customers. In 2013, we further enhanced our capabilities by acquiring CNC 5 Axis machine centre. These facilities have significantly improved our efficiency and products' quality.

Here at SSH Automation, our mission is to provide you with reliable feeding systems that enhance your productivity. We strive to achieve this through long term client relationships based on mutual trust and respect.

Partnership



SSH AUTOMATION PTE LTD

 HANSHIN LIMITED

Certification



*biz*SAFE<sub>3</sub>

## What is a parts feeder?

The vibratory parts feeders are often used in assembly and production lines to store, align and feed parts into machines. Also known as bowl feeders, they are self-contained devices that can incorporate many precision mechanisms.

## What parts can we feed?

Hanshin parts feeder can feed all kinds of parts ranging from metallic, rubber, plastic, medical to electronics components. We provide bowl tooling for clients in Singapore, Malaysia and Indonesia. Additionally, we distribute various Hanshin parts feeders to other bowl toolers in this region.

## What should you look out for in a parts feeder?

An excellent parts feeder is one that is reliable and efficient. At SSH Automation, we have the experience and expertise to ensure your parts feeder functions according to your requirements with high reliability and efficiency. Many of our clients have been with us for over five years and we are committed in maintaining such long term working relationships with you.

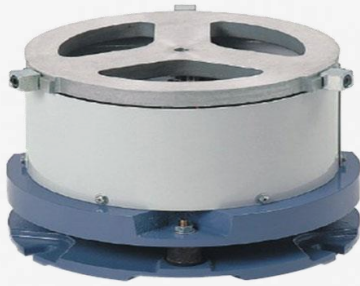
## How to RFQ / enquire?

To reduce the time taken for us to provide you with a quotation, we will minimally require these information:

1. Feed rate
2. Storage capacity
3. Orientation
4. Details of parts

With these information, we can recommend the bowl size, bowl feeder, linear feeder and other peripherals that are suitable for your application.

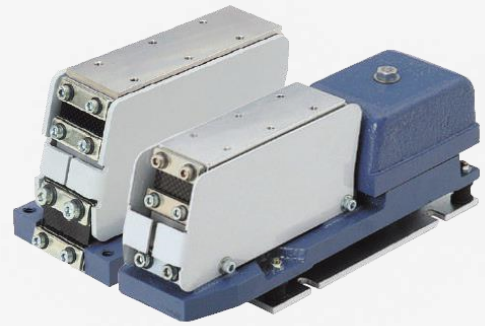




**AFB SERIES**

Piezo Bowl Feeder

P. 1



**AFR/AFJ SERIES**

Piezo Linear Feeder

P. 2 - 3



**AFC SERIES**

Piezo Feeder Controller

P. 4



**PB SERIES**

Piezo Bowl Feeder

P. 5



**PL-j/r SERIES**

Piezo Linear Feeder

P. 6 - 7



**PFC SERIES**

Piezo Feeder Controller

P. 8



**MB SERIES**

Electromagnetic Bowl Feeder

P. 9



**ML-j/r SERIES**

Electromagnetic Linear Feeder

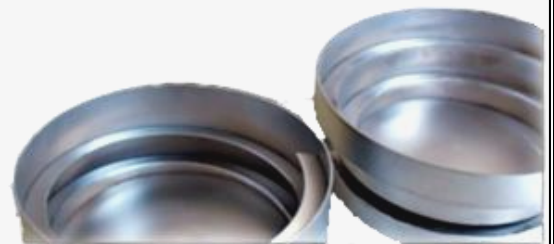
P. 10



**VMC/EMC SERIES**

Electromagnetic Feeder Controller

P. 11



**BOWL**

Cylindrical / Stepped Bowl

P. 12 - 13



**PARTS FEEDING SYSTEM**

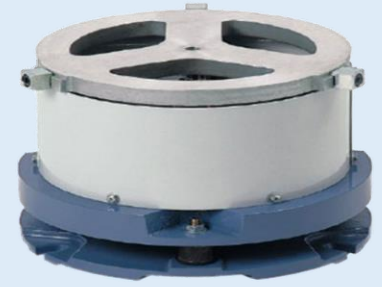
Examples

P. 14

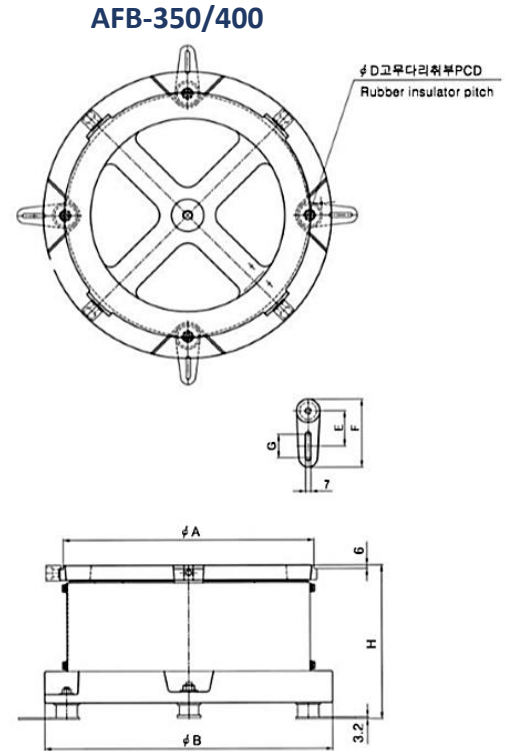
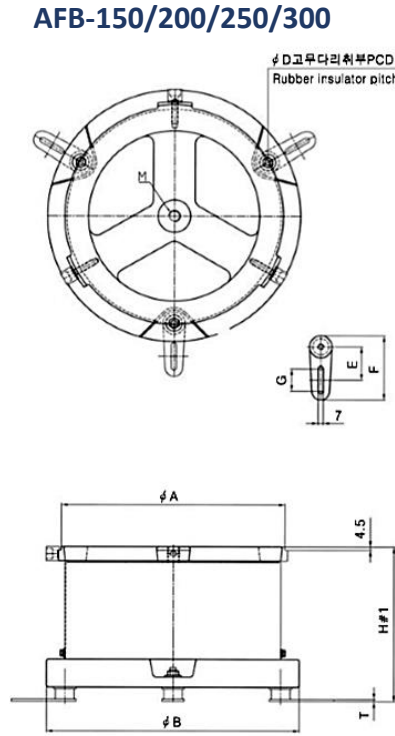
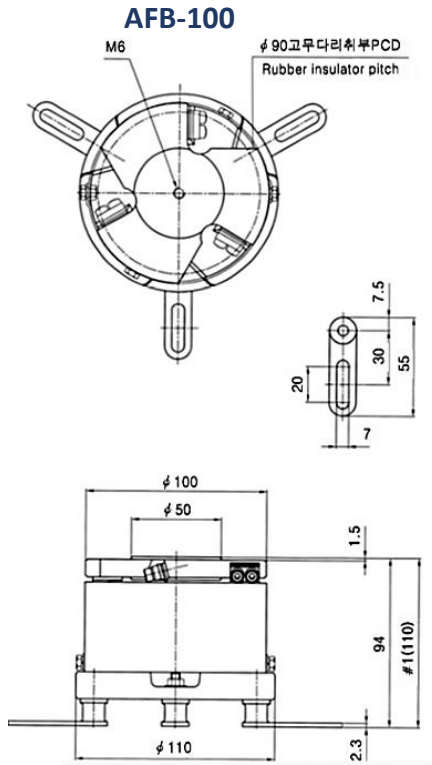


Features

- ❖ Controllers are lighter and smaller
- ❖ The use of piezoelectricity generates no heat or magnetism
- ❖ Eco-friendly and economical as the AF consumes 30-50% less power
- ❖ No leaf spring adjustments required



Piezo Bowl Feeder (CE)



Dimensions

Model	A	B	D	M	E	F	G	T	H
AFB-150	150	170	140	M8	30	55	20	2.3	134 (153)
AFB-200	200	230	190	M12	35	65	20	2.3	162 (182)
AFB-250	250	280	240	M12	45	87	30	3.2	193 (218)
AFB-300	300	340	290	M16	45	87	30	3.2	209
AFB-350	350	400	340	M16	50	97	30	3.2	237
AFB-400	400	460	390	M16	50	97	30	3.2	247

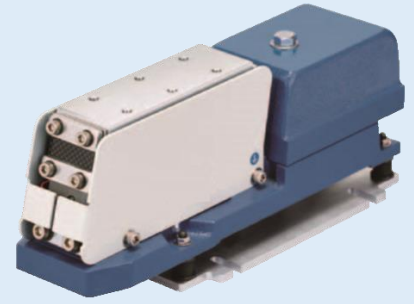
#1 ( ): dimension including sub base (option)

Specifications

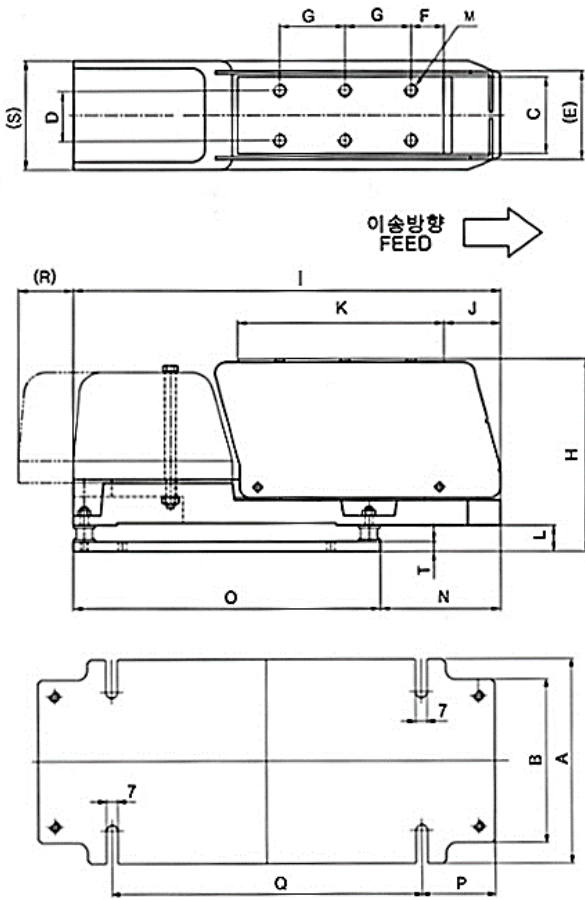
Model	AFB-100	AFB-150	AFB-200	AFB-250	AFB-300	AFB-350	AFB-400
Diameter of straight bowl (φ)	100	150	200	250	300	350	400
Max diameter of bowl after fabrication (φ)	170	250	340	420	500	590	670
Mass of drive unit (kg)	2.2	7.0	14.0	21.5	35.0	43.0	66.0
Input voltage AC(V)	0~250						
Allowable current (mA)	10	25	30	55	105	100	80
Input frequency (Hz)	60~300						
Resonance frequency (Hz )	235	237	188	155	152	140	120
Feed direction	R (Clockwise) or L (Anti-clockwise)						
Max bowl mass (kg)	0.5	2.0	3.0	5.0	9.0	12.0	15.0
Max work mass (kg)	0.3	0.8	1.5	2.5	3.0	4.0	5.0
Applicable controller	AFC-060T / 060TF			AFC-200T / 200TF			

Features

- ❖ Easy to install, suitable even for table top applications.
- ❖ The use of piezoelectricity generates no heat or magnetism
- ❖ Rubber mount feature dampens vibration
- ❖ No leaf spring adjustments required



AFR-006/015/030/040/050

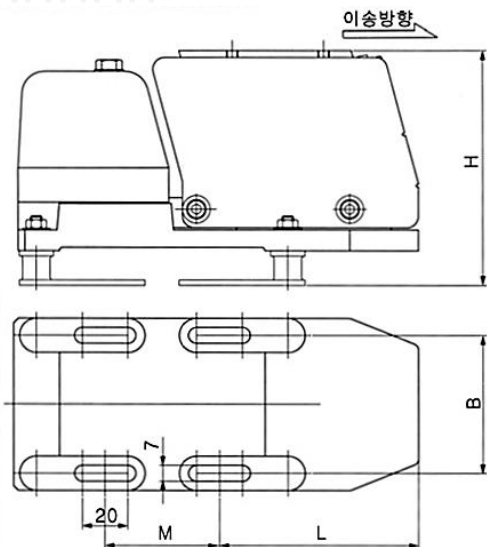


Dimensions

Model	AFR-006	AFR-015	AFR-030	AFR-040	AFR-050
A	75	90	100	105	125
B	60	75	80	90	100
C	28	42	43	55	70
D	15	27	27	37	46
E	35	49	53	65	80
F	8	12	23	26	30
G	40	40	2 x 40	2 x 52	2 x 60
H	89	107	119	144	177
I	151	177	280	330	390
J	25	30	30	40	52
K	64	75	128	168	188
L	20	20	20	24	24
M	4 - M4	4 - M5	6 - M5	6 - M6	6 - M8
N	31	47	70	90	110
O	120	130	210	240	280
P	39	40	40	45	45
Q	42	50	130	150	190
R	20	23	50	40	50
S	60	75	80	90	100
T	6	6	6	9	9

Option

Available option include vibration dampening rubber foot

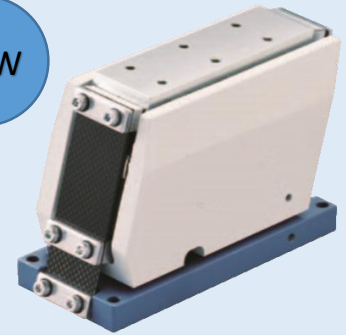


Dimensions

Model	AFR-006	AFR-015	AFR-030	AFR-040	AFR-050
B	45	60	65	70	80
H	84	102	114	135	168
L	70	87	110	135	155
M	42	50	130	150	190

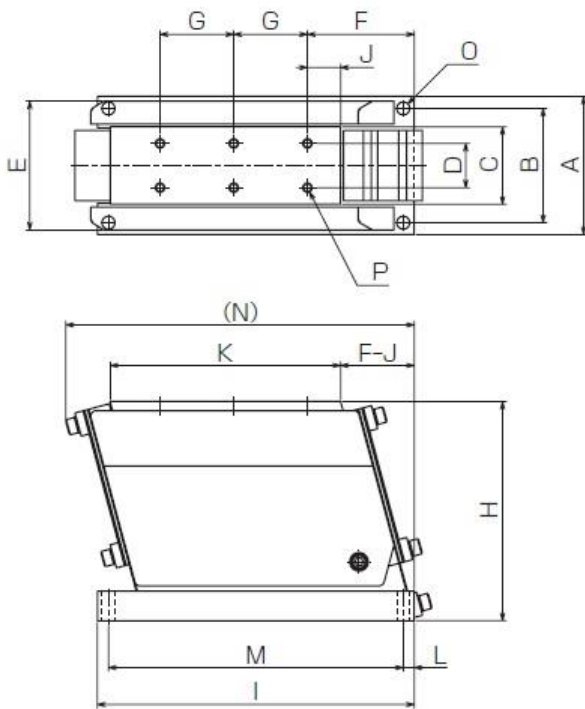
Features

- ❖ Can be mounted firmly onto structures
- ❖ The use of piezoelectricity generates no heat or magnetism
- ❖ Provide stable performance in feeding lighter parts
- ❖ No leaf spring adjustments required



Piezo Linear Feeder (CE)

AFJ – 005/012/025



Dimensions

Model	AFJ-005	AFJ-012	AFJ-025
A	55	75	100
B	45	62	80
C	28	42	55
D	12	24	27
E	49	70	90
F	54	58	75
G	40	2 x 40	2 x 52
H	92	119	155
I	125	172	220
J	23	18	23
K	90	125	160
L	5	6	8
M	115	160	204
N	139	189	243
O	4 – Ø6	4 – Ø7	4 – Ø9
P	4 – M4	6 – M5	6 – M6

Specifications

Model	AFR					AFJ		
	AFR-006	AFR-015	AFR-030	AFR-040	AFR-050	AFJ-005	AFJ-012	AFJ-025
Mass of drive unit (kg)	2.3	4.2	8.5	13.5	23.6	1.8	4.3	8.8
Input voltage (V)	0~250							
Input frequency (Hz)	60~300							
Resonance frequency (Hz)	200	200	125	115	75	125	120	100
Allowable current (mA)	7	13	20	30	41	5	7	10
Max length of chute (mm)	300	400	500	600	700	300	350	500
Max width of chute (mm)	20	34	45	48	50	22	33	45
Max mass of chute (kg)	0.6	1.5	3.0	4.0	5.0	0.5	1.2	2.5
Applicable controller	AFC-060T / 060TF#1							

#1: Used with constant amplitude



Features

- ❖ Digital display, buttons and knobs improve the ease of use
- ❖ Downsized controllers help to save installation space
- ❖ Capable of independently adjusting either voltage or frequency
- ❖ Built-in power source for external signal control

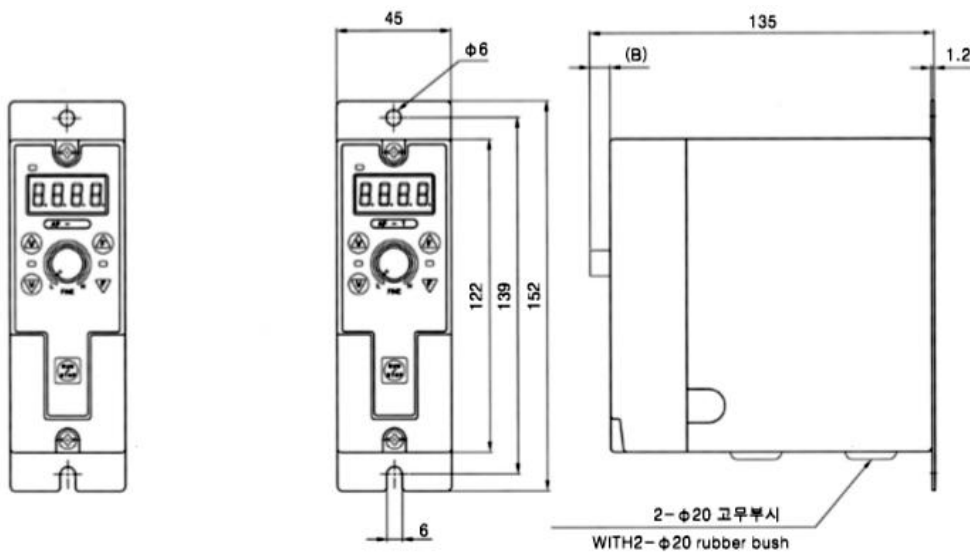


Specifications

Model		AFC-060T	AFC-200T
Function		D-class amplitude piezoelectric parts feeder controller allows the adjustment of voltage and frequency independently. Capable of starting/stopping parts feeder by detecting works in transfer	
Input	Voltage AC(V)	85~265	
	Frequency (Hz)	50/60	
	Number of phases	1	
Output	Max current (mA)	60	200
	Voltage AC(V)	0~230	
	Frequency (Hz)	60~400	
	Alarm	RELAY 1 A	
	Power supply to sensor	DC24V 200mA	
	ON delay (s)	0~10	
	OFF delay (s)	0~10	
Mass (kg)		0.7	

Piezo Feeder Controller (CE)

Dimensions of AFC-060T/060TF/200T/200TF

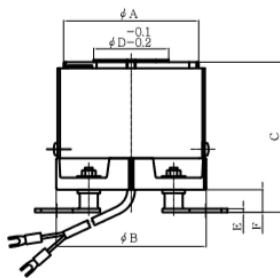
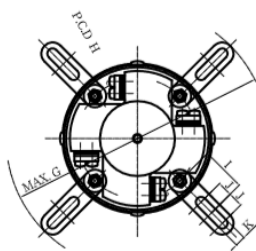


Features

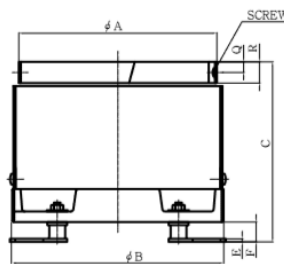
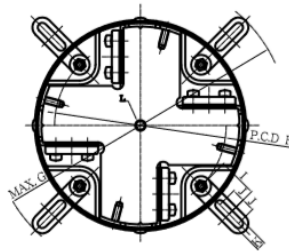
- ❖ The PB series is similar to the AFB series but without CE
- ❖ Cost savings compared to CE certified models
- ❖ Robust as it provides consistent feeding in varying environment
- ❖ No leaf spring adjustments required



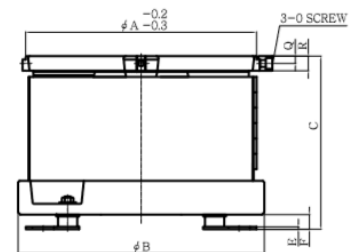
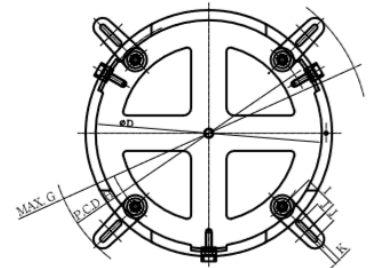
PB-90/120



PB-150



PB-190/230/300/390/460



Dimensions

Model	A	B	C	D	E	F	G	H	I	J	K	L	O	Q	R
PB-090	90	100	100	50	2.3	15	175	80	30	10	7	M6	-	-	-
PB-120	120	130	115	50	2.3	15	205	110	30	10	7	M6	-	-	-
PB-150	150	160	137	-	2.3	15	225	130	30	10	7	M8	M5	8	16
PB-190	190	210	187	-	2.3	15	290	180	35	10	7	M12	M5	8	16
PB-230	230	260	205	-	2.3	15	330	220	35	10	7	M12	M8	9.5	19
PB-300	300	320	225	-	3.2	19	414	270	45	15	7	M12	M8	9.5	19
PB-390	390	440	252	-	3.2	26	534	380	50	15	7	M16	M10	12	24
PB-460	460	530	304	-	4.5	25	645	465	60	15	10	M16	M10	12	25

Specifications

Model	PB-90	PB-120	PB-150	PB-190	PB-230	PB-300	PB-390	PB-460
Diameter of straight bowl (φ)	90	120	150	190	230	300	390	460
Max diameter bowl after fabrication (φ)	120	150	250	310	370	500	620	760
Mass of drive unit (kg)	1.7	3.3	5.3	12.3	17.8	32.6	54.0	105.0
Input voltage AC(V)	0~250							
Allowable current (mA)	8	15	37	65	90	165	165	165
Input frequency (Hz)	60~300							
Resonance frequency (Hz)	255	240	233	210	165	152	120	100
Feed direction	R (Clockwise) or L (Anti-clockwise)							
Max bowl mass (kg)	0.3	0.6	2.0	3.0	5.0	8.0	14.0	25.0
Max work mass (kg)	0.2	0.4	0.8	1.5	2.5	3.0	5.0	5.0
Applicable controller	PFC-60DA / AFC-T060T			PFC-120DA / PFC-200DA / AFC-T200T				

Features

- ❖ Direct Drive or Joint Spring feature mountable on structures
- ❖ Cost savings compared to CE certified models
- ❖ Provide stable performance in feeding lighter parts
- ❖ No leaf spring adjustments required

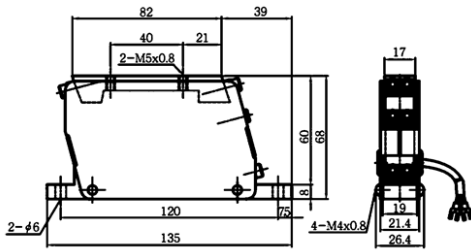


PL-005j

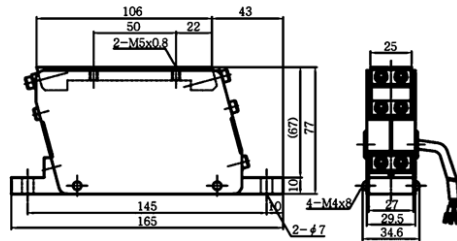
PL-015j

PL-125j

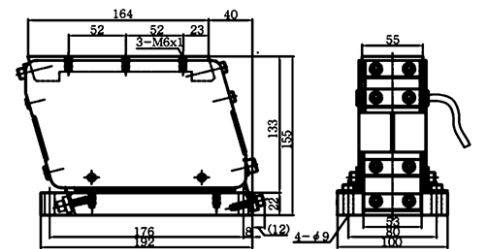
Feed direction (운송방향) →



Feed direction (운송방향) →



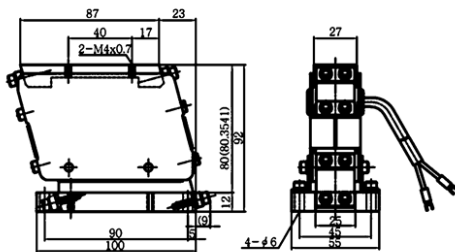
Feed direction (운송방향) →



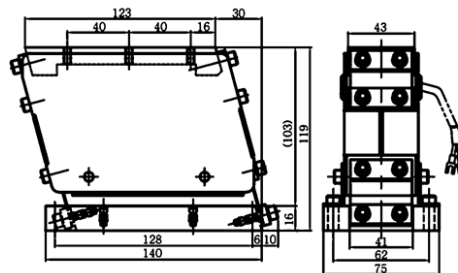
PL-025j

PL-060j

Feed direction (운송방향) →



Feed direction (운송방향) →



Piezo Linear Feeder

Specifications

Model	Direct		Joint Spring			Rubber Mount				
	PL-005j	PL-015j	PL-025j	PL-060j	PL-125j	PL-030r	PL-075r	PL-150r	PL-200r	PL-250r
Mass of drive unit (kg)	0.5	0.8	1.4	3.8	9.0	2.0	3.5	7.0	13.0	18.0
Input voltage (V)	0~250									
Input frequency (Hz)	60~300									
Resonance frequency (Hz)	160	135	130	110	86	182	158	110	105	75
Allowable current (mA)	5	8	8	17	24	7	13	20	30	41
Max length of chute (mm)	200	250	300	350	500	300	400	500	600	700
Max width of chute (mm)	12	20	22	33	45	20	34	45	48	50
Max mass of chute (kg)	0.2	0.3	0.5	1.2	2.5	0.6	1.5	3.0	4.0	5.0
Applicable controller	PFC-60DA		PFC-120DA		PFC-60DA		PFC-120DA			

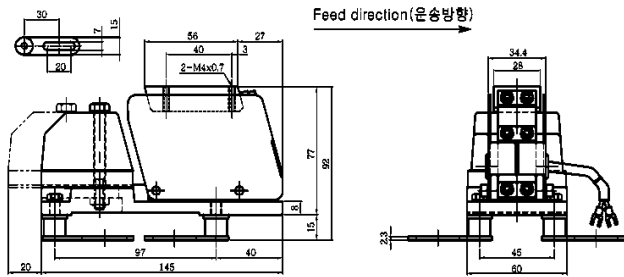
Features

- ❖ Rubber Mount feature reduces vibrations to its surroundings
- ❖ The use of piezoelectricity generates no heat or magnetism
- ❖ Provide stable performance in feeding lighter parts
- ❖ No leaf spring adjustments required

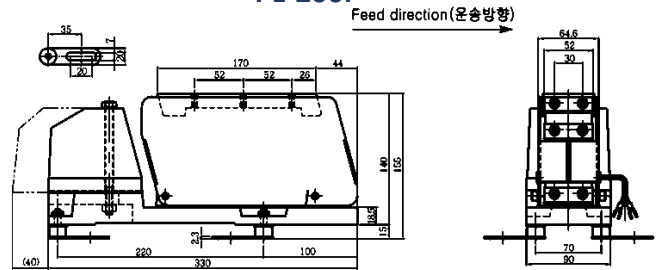


Piezo Linear Feeder

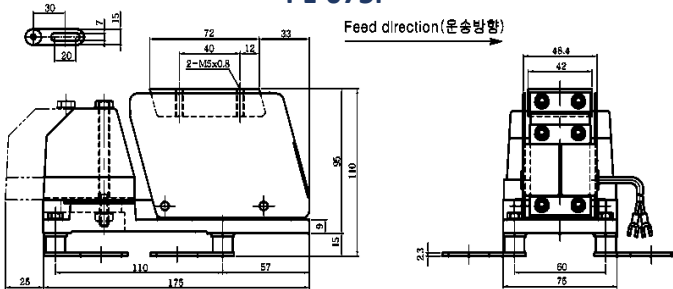
PL-030r



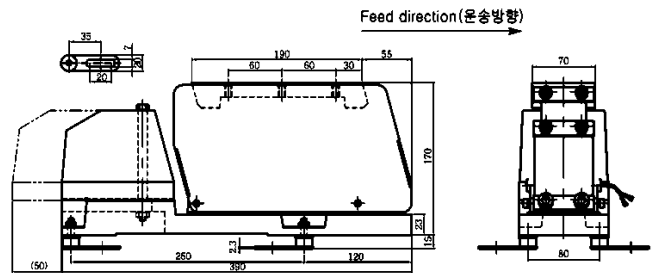
PL-200r



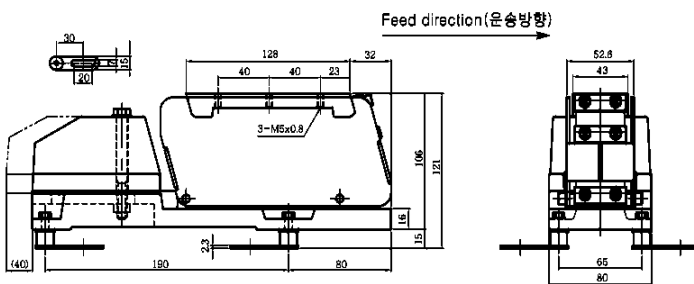
PL-075r



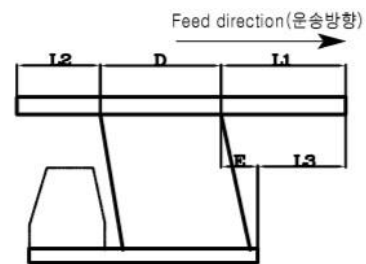
PL-250r



PL-150r



Linear Chute Installation Dimension



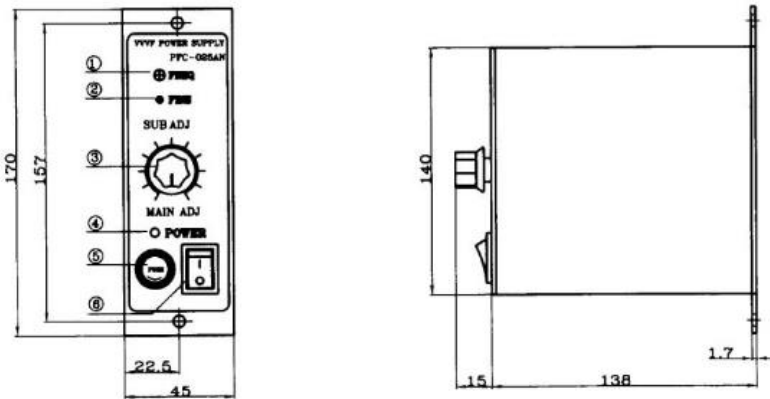
Model	L3													D	E
	150	200	250	300	350	400	450	500	550	600	650	700			
PL-005j	2	32	-	-	-	-	-	-	-	-	-	-	-	82	39
PL-015j	-	14	44	-	-	-	-	-	-	-	-	-	-	106	43
PL-025j	15	45	75	105	-	-	-	-	-	-	-	-	-	87	23
PL-060j	-	16	46	76	106	-	-	-	-	-	-	-	-	123	30
PL-125j	-	-	-	42	72	102	132	162	-	-	-	-	-	164	40
PL-030r	-	60	90	120	-	-	-	-	-	-	-	-	-	56	27
PL-075r	-	-	74	104	134	164	-	-	-	-	-	-	-	72	33
PL-150r	-	-	-	-	101	131	161	191	-	-	-	-	-	128	32
PL-200r	-	-	-	-	-	-	124	154	184	214	-	-	-	170	44
PL-250r	-	-	-	-	-	-	-	131	161	191	221	251	-	190	45

Features

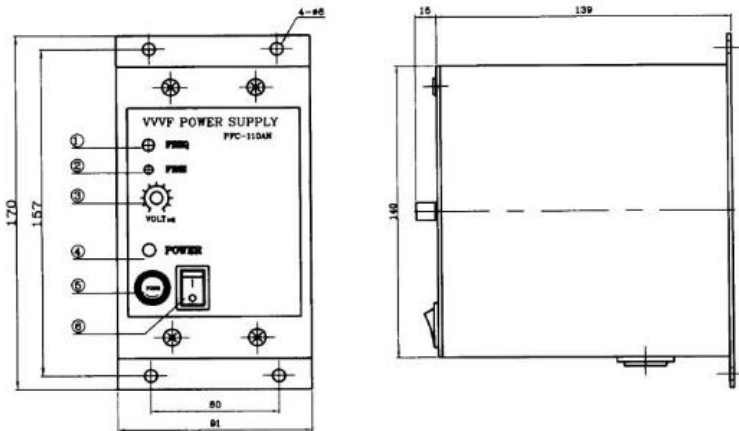
- ❖ Downsized design helps to save installation space
- ❖ Cost savings as compared to CE models
- ❖ Capable of independently adjusting either voltage or frequency
- ❖ Built-in power source for external signal control



PFC-60DA



PFC-120DA/200DA



Parts Name

No.	Name
1	Frequency adjustment
2	Precise frequency adjustment
3	Output voltage adjustment
4	Power Indicator
5	Fuse
6	Power Switch

Specifications

Model		PFC-60DA	PFC-120DA	PFC-200DA
Function		D-class amplitude piezoelectric parts feeder controller allows the adjustment of voltage and frequency independently.		
Input	Voltage AC(V)	85~265		
	Frequency (Hz)	50/60		
	Number of phases	1		
Output	Max current (mA)	60	120	200
	Voltage AC(V)	0~250		
	Frequency (Hz)	60~300		
External Control Mode		Contact-type with non voltage built-in power source or non contact-type control with DC 12-24V		



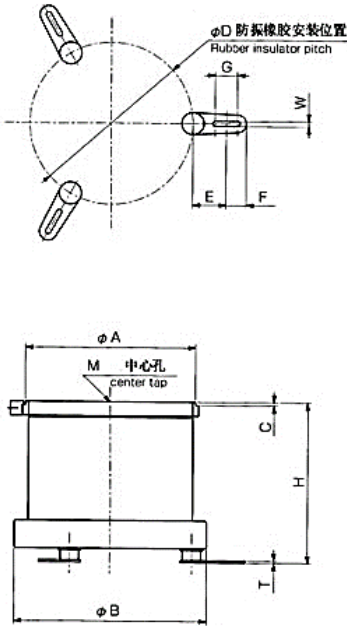
Features

- ❖ Powered by electromagnetic coil
- ❖ Consistent feeding and load carrying capacity
- ❖ Suitable for even large and heavy parts
- ❖ Choice of full-wave or half-wave oscillations (for specific models)

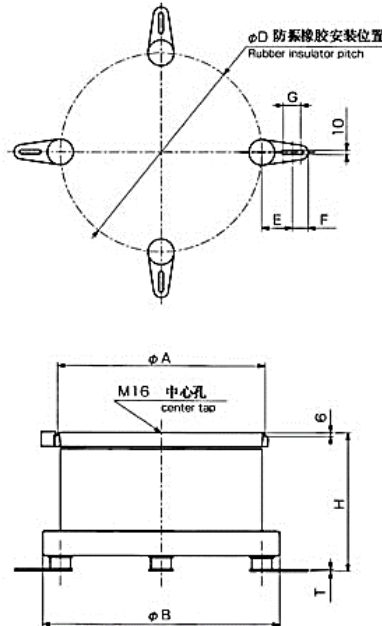


Electromagnetic Bowl Feeder (CE)

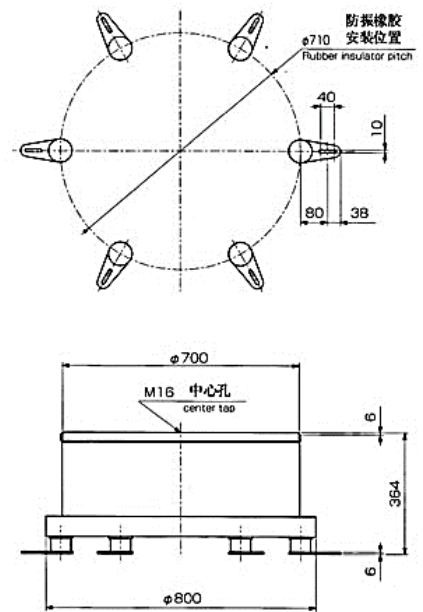
MB-150/230/300/390



MB-460/610



MB-700



Dimensions

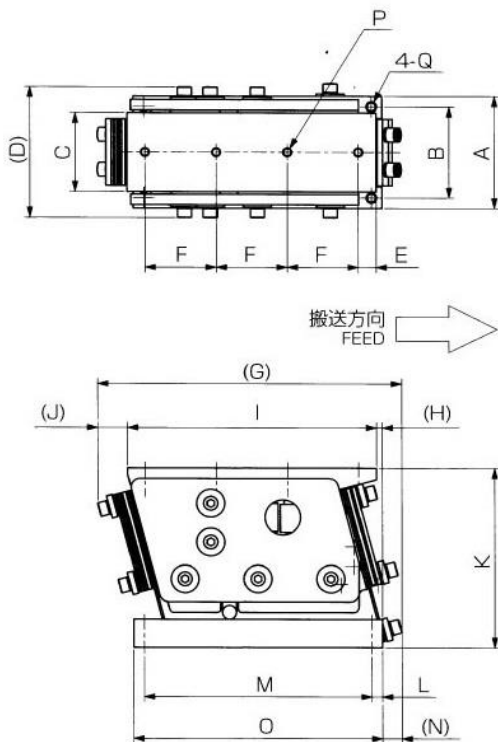
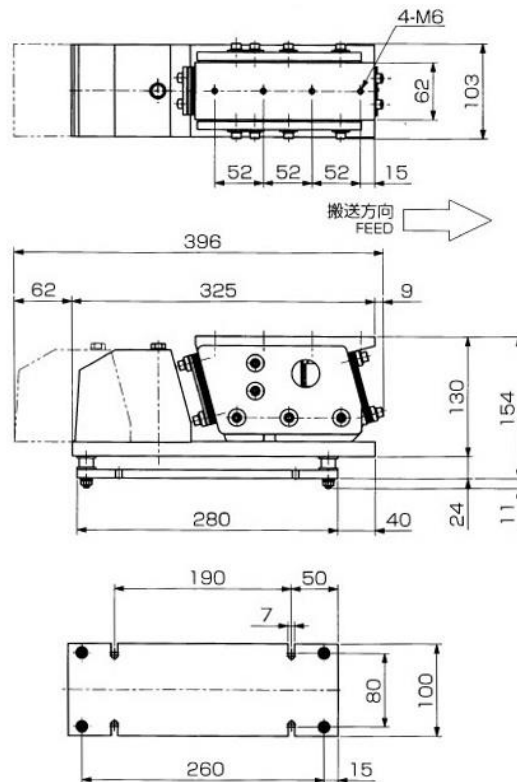
Model	A	B	C	D	E	F	G	H	T	W	M
MB-150	150	160	4.5	130	35	20	20	154	2.3	7	M8
MB-230	230	260	4.5	220	45	27	30	218	3.2	7	M12
MB-300	300	340	4.5	290	50	27	30	225	3.2	7	M12
MB-390	390	440	6	380	60	30	30	279	4.5	10	M16
MB-460	460	530	-	465	70	37	40	281	4.5	-	-
MB-610	610	700	-	620	80	38	40	364	6	-	-

Specifications

Model	MB-150	MB-230	MB-300	MB-390	MB-460	MB-610	MB-700
Diameter of straight bowl ( $\phi$ )	150	230	300	390	460	610	700
Max diameter bowl after fabrication ( $\phi$ )	250	370	500	620	760	1000	1200
Mass of drive unit (kg)	8.0	24.0	40.0	78.0	127.0	260.0	330.0
Input voltage AC(V)	100/110 or 200/220						200/220
Current capacity (VA)	100	120	250	400	500	900	900
Input frequency (Hz)	50/60						
Oscillations (cycles/min)	6000/7200 (Full Wave)					3000/3600 (Half Wave)	
Feed direction	R (Clockwise) or L (Anti-clockwise)						
Max bowl mass (kg)	2.0	6.0	12.0	20.0	30.0	50.0	70.0
Max work mass (kg)	0.8	2.5	3.0	5.0	10.0	15.0	20.0
Applicable controller	EMC-003 / VMC-001		VMC-003			VMC-005	

## Features

- ❖ Can be installed in most environment
- ❖ Powered by electromagnetic coil
- ❖ Consistent feeding and load carrying capacity
- ❖ Suitable for even large and heavy parts


**ML-000j/001j/002j**

**ML-002r**


## Dimensions

Model	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
ML-000j	45	35	32	52	10	2 x 40	125	2	100	13	72	5	90	10	100	3-M4	M5
ML-001j	64	52	45	75	10	2 x 40	166	3	140	17	102	6	128	11	140	4-M5	M6
ML-002j	88	70	62	103	15	3 x 52	229	4	192	19	140	8	176	14	192	4-M6	M8

## Specifications

Model	ML-000j	ML-001j	ML-002j	ML-002r
Mass of drive unit (kg)	1.3	3.8	10.0	20.0
Input voltage (V)	100/110 or 200/220			
Input frequency (Hz)	50/60			
Oscillations (cycles/min)	6000/7200 (Full Wave)			
Current Capacity (VA)	10	20	60	60
Max length of chute (mm)	200	300	500	600
Max width of chute (mm)	30	45	60	60
Max mass of chute (kg)	0.5	1.0	2.0	3.0
Applicable controller	EMC-003 / VMC-001			

Features

- ❖ Can be used in countries/area with unstable power supply
- ❖ Function to protect VMC from being damaged due to overheating
- ❖ Feedback to protect VMC from over-voltage or false operation



Specifications

List		VMC-001	VMC-003	VMC-005
Drive Type		PWM type		
Input	Voltage (V)	85V ~ 265V		
	Frequency (Hz)	50/60		
Output	Allowable Current (A)	1	5	10
	Voltage (V)	0~110V [when input voltage is 110V]		
		0~220V [when input voltage is 220V]		
Frequency (Hz)	40 ~ 400 (Setting parameters)			
Control	External Input	Voltage (DC12V~24V) Contact		
	ON/OFF Control type			
	OVF Sensor input	Pause in RUN mode / Run (Over flow)		
	Pause Control	Sensor Power: DC12V 80mA		
	Control type	Digital control type by the RISC CPU		

Electromagnetic Feeder Controller (CE)



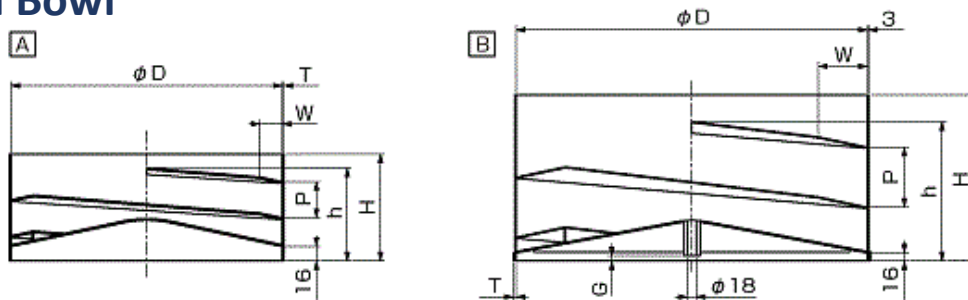
Features

- ❖ Simple to operate
- ❖ Applicable for starting/stopping parts feeders with sensors
- ❖ Compact and lightweight

Specifications

Basic type	EMC-003	EMC-006
Control system	Voltage regulation by phase control	
Voltage AC(V)	100V ~ 240V	
Frequency (Hz)	50 / 60	
Phase	1∅	
Max. output current (A)	3	6
Output Waveform	Half Wave / Full Wave	
Applicable temperature (°C)	0~40	
External control	Voltage (DC12V ~ DC24V).Contact. Sensor Control Possibility	
	Voltage control (DC12V)	
	Non-contact / contact	

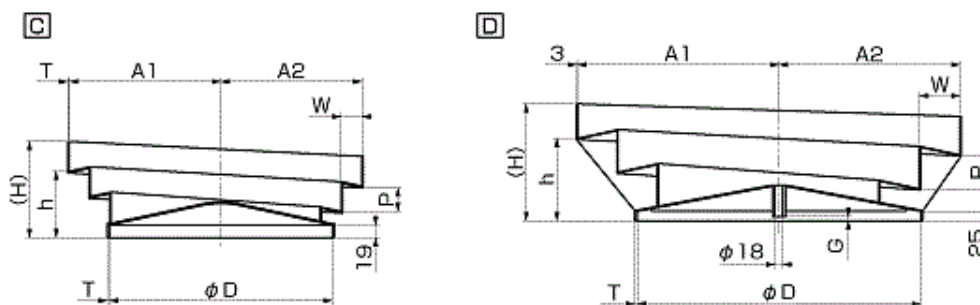
### Cylindrical Bowl



A : Applicable Drive Unit	D	P	W	H	h	T	G	Mass ( kg )	Capacity ( ℓ )
AFB-150 / MB-150	150	20	12	70	58	2	5	1.1	0.3
AFB-200	200	27	16	84	72	2	5	1.7	0.5
MB-230	230	30	20	90	78	2	5	2.2	0.8
AFB-250	250	35	20	100	88	2	5	2.7	0.8
AFB-300 / MB-300	300	40	25	110	98	2	5	3.6	2
AFB-350	350	47	30	124	113	3	7	7	2.5
MB-390	390	50	35	130	119	3	7	7.5	3
AFB-400	400	55	35	140	129	3	7	9.2	3

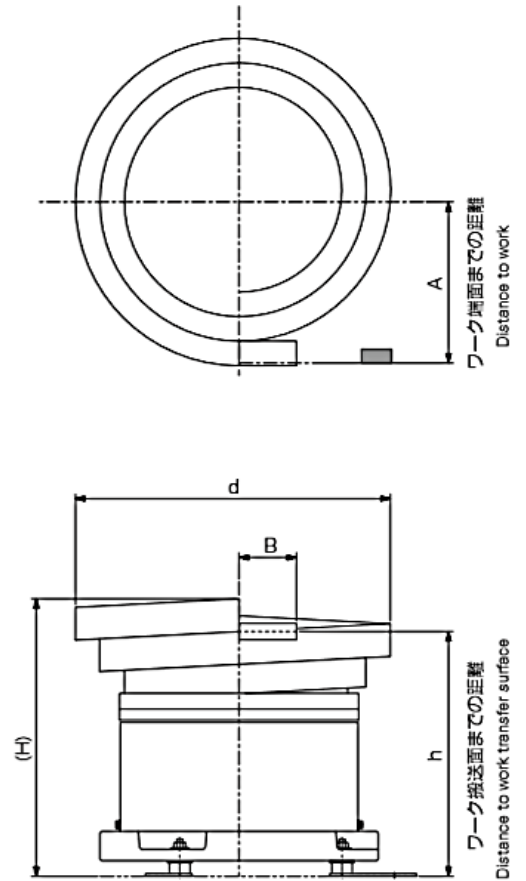
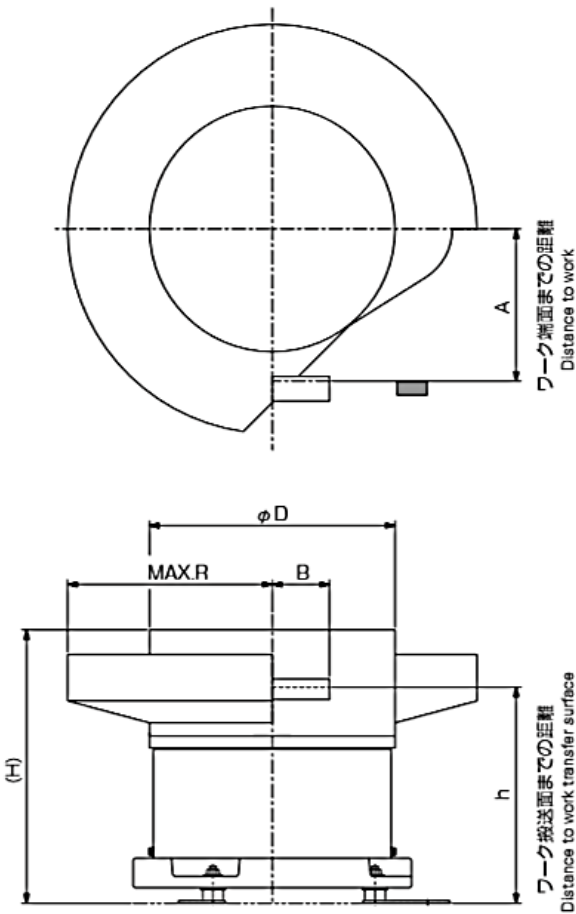
B : Applicable Drive Unit	D	P	W	H	h	T	G	Mass ( kg )	Capacity ( ℓ )
MB-460	460	65	50	170	155	3	7	12.3	6
MB-610	610	80	60	230	185	6	7	27.8	10
MB-700	700	120	100	340	265	6	7	32	14

### Stepped Bowl



C : Applicable Drive Unit	D	A1	A2	P	W	H	h	T	G	Mass ( kg )	Capacity ( ℓ )
AFB-150 / MB-150	150	93	87	20	12	83	60	2	5	1	0.2
AFB-200	200	124	116	27	16	105	75	2	5	1.7	0.3
MB-230	230	145	135	30	20	114	80	2	5	2.5	0.6
AFB-250	250	157.5	147.5	35	20	130	91	2	5	2.7	0.6
AFB-300 / MB-300	300	207	193	40	28	146	100	3	5	5.2	1
AFB-350	350	222.5	207.5	47	30	170	115	3	7	7.2	1.5
MB-390	390	249	231	50	36	183	125	3	7	8	2
AFB-400	400	254	236	55	36	195	133	3	7	10	2

D : Applicable Drive Unit	D	A1	A2	P	W	H	h	T	G	Mass ( kg )	Capacity ( ℓ )
MB-460	460	288	262	65	50	240	165	3	7	14	4
MB-610	610	390	360	85	60	301	203	6	7	25	8
MB-700	700	500	450	105	100	372	246	6	7	42	12



## Dimensions of Cylindrical Bowl

Model	$\phi D$	R	A	B	h	H
AFB-150	150	125	90±10	40	180±15	202
AFB-200	200	170	120±10	50	225±15	267
AFB-250	250	210	155±10	50	250±15	312
AFB-300	300	250	175±10	70	270±15	334
AFB-350	350	295	205±10	80	305±15	390
AFB-400	400	335	240±10	100	325±15	424

## Dimensions of Stepped Bowl

Model	d	A	B	h	H
AFB-150	180	91±10	40	190±15	212
AFB-200	240	122±10	50	243±15	272
AFB-250	305	155±10	50	280±15	318
AFB-300	400	205±10	70	305±15	350
AFB-350	430	219±10	80	346±15	401
AFB-400	490	251±10	100	374±15	436

Model	$\phi D$	R	A	B	h	H
PB-150	150	125	90±10	50	185±15	235
PB-190	190	155	115±10	50	235±15	280
PB-230	230	185	140±10	50	260±15	310
PB-300	300	250	175±10	70	280±15	350
PB-390	390	310	235±10	120	325±15	405
PB-460	460	380	280±15	150	395±15	495

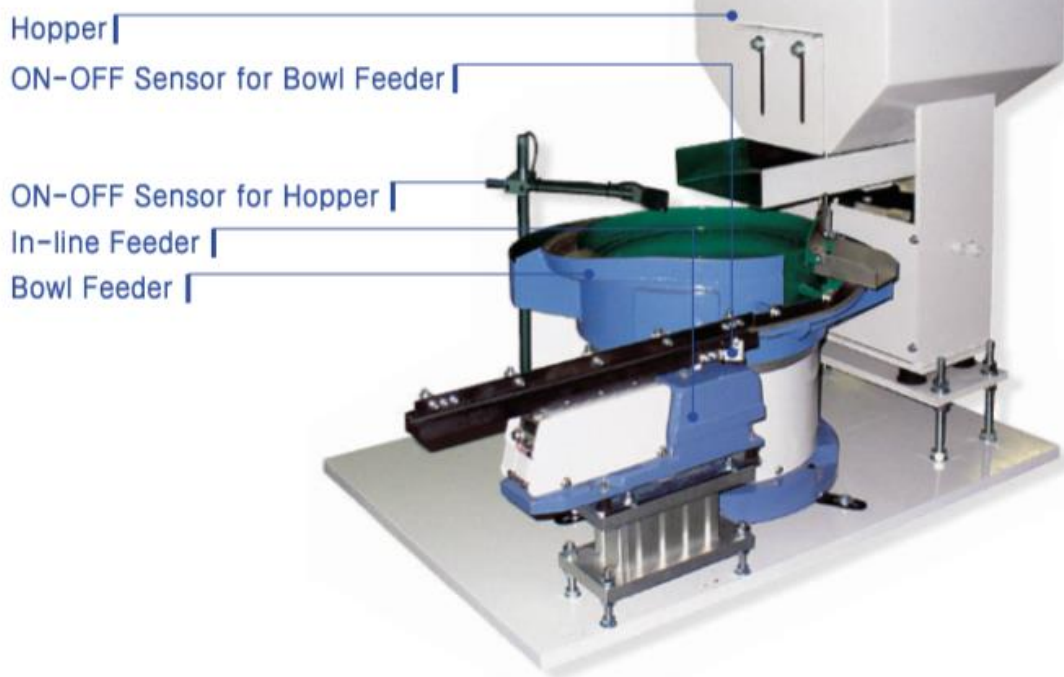
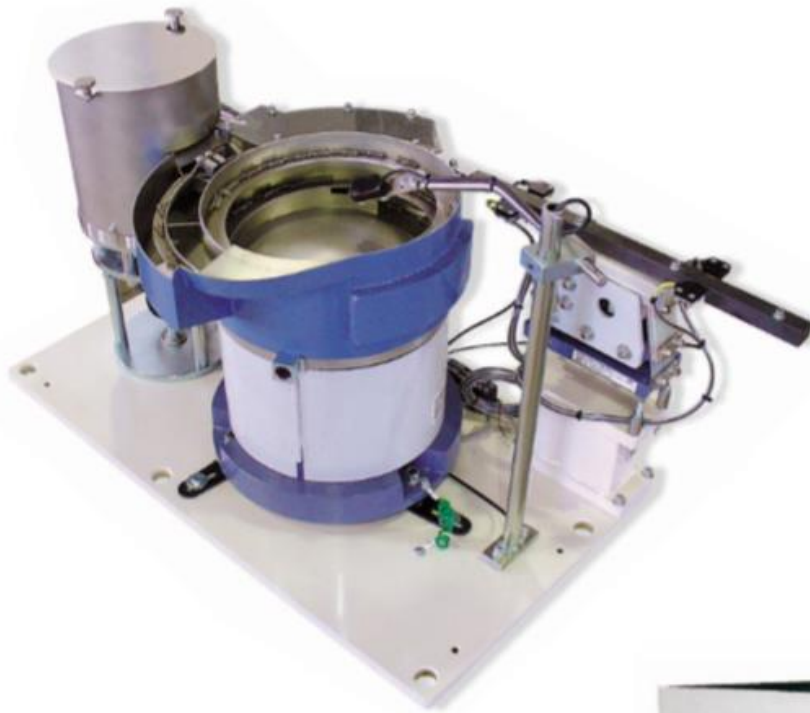
Model	d	A	B	h	H
PB-230	280	120±10	50	270±15	300
PB-300	400	170±10	70	315±15	355
PB-390	480	210±10	120	355±15	405

Model	$\phi D$	R	A	B	h	H
MB-150	150	125	90±10	40	205±15	230
MB-230	230	185	140±10	50	275±15	320
MB-300	300	250	175±10	70	285±15	350
MB-390	390	310	235±15	100	355±15	435
MB-460	460	380	280±15	120	370±15	470
MB-610	610	500	370±15	150	470±20	602
MB-700	700	600	430±15	150	520±20	725

Model	d	A	B	h	H
MB-150	180	91±10	40	210±15	230
MB-230	280	143±10	50	294±15	328
MB-300	400	205±10	70	320±15	367
MB-460	550	285±10	120	440±15	515
MB-610	750	387±10	150	561±20	659
MB-700	950	497±10	150	604±20	730



*A complete set of parts feeding system includes a hopper for storage, a bowl feeder for sorting and aligning parts, and finally a linear feeder for supplying parts based on required timing. Functionality and reliability is a prerequisite for a parts feeding system. The use of Hanshin feeders together with our many years of bowl tooling experience ensure that we will be able to meet your rigid requirements*



Reliable Feeding. Always.



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