

**SUS 304 Food
Grade Material**



**Overheat
Protection**



**Full Cooper
Motor**



**Heavy
Duty**



**Extra
Power**



PSB Series

Stainless Steel Micro Pump

For household & building
water pressure boosting with high pressure



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Reliability Driven by Innovation

PSB Series

Stainless Steel Micro Pump

INTRODUCTION

- Suitable for transferring clean water which are non-aggressive to SUS 304.
- Single & Twin are available to suit different industries.

APPLICATION

- Water supply systems: Pressure boiler feeding: Pure water treating systems: Pharmaceutical & Food stuff: Refining chemical industries: washing and sprinkling.

MATERIALS

- Mechanical Seal: Carbon/Sic/ EPDM/ (Viton on request)
- Impeller: SUS304
- Shaft: SUS304
- Pump Casing: SUS304
- Bracket and Motor Casing material: Aluminium

TECHNICAL DATA

- Maximum working pressure: 8 bar
- Liquid Temperature: $-15^{\circ}\text{C} \sim +80^{\circ}\text{C}$
- Optional Viton seal ($-20^{\circ}\text{C} \sim +110^{\circ}\text{C}$) with PC controller: $+60$

MOTOR

- 2 Pole induction motor, continous duty, TEFC, Class F, IP55.
- Single phase: 240V/1ph/50Hz (with thermal protection)
- Three phase: 415V/3ph/50Hz
- Ambient temperature: $-15^{\circ}\text{C} \sim +40^{\circ}\text{C}$

ADVANTAGES

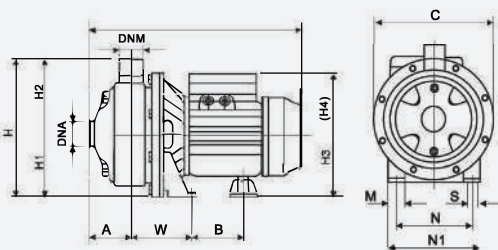
- Laser welded pump housing
- Energy Saving (IE2 Motor)
- NSK Ball Bearing (Made in Japan)
- Pump material SUS304 (Anti-rust)



SPECIFICATION

Model		Power			Capacity 2900rpm														
Single Phase 240V/50HZ	Three Phase Y415V/50HZ	kW	HP	Suction head (m)	1/min	20	40	60	70	80	100	120	140	160	180	200	220	240	260
					m³/H	1.2	2.4	3.6	4.2	4.8	6.0	7.2	8.4	9.6	10.8	12	13.2	14.4	15.1
						Head(m)													
PSB70/037	PSBT70/037	0.37	0.5	8		16	15	13.5		13	11.5	10							
PSB70/075	PSBT70/075	0.75	1.0	8		25	24	22.5		22	20	19							
PSB120/110	PSBT120/110	1.1	1.5	8			26	25		24	23	22	21	20	18				
PSB120/150	PSBT120/150	1.5	2.0	8				30		29	28	27	25	24	21				
PSB2-070/110	PSB2T-070/110	1.1	1.5	8				21		20.5	20	19	18	17	16	15	13	12	9
PSB2-070/150	PSB2T-070/150	1.5	2.0	8			31	25.5		25	24	23	20	21.5	21	20	18	17	15
PSB2-070/185	PSB2T-070/185	1.85	2.50	8		61	58	56	54		48								
-	PSB2T-120/260	2.60	3.50	8			59	56	54		50	47	45	42					

DIMENSION



Model		Dimension															
Single Phase	Three Phase	A	C	F	H	H1	H2	'H	'H4	M	N	N1	S	W	B	DNA	DNM
PSB70/037	PSBT70/037	52	213	315	232	108	124	241	213	39	120	158	9	92	82	G1 1/4	G1"
PSB70/075	PSBT70/075	52	213	315	232	108	124	241	213	39	120	158	9	92	82	G1 1/4	G1"
PSB120/110	PSBT120/110	52	213	370	232	108	124	224	224	39	120	158	9	92	82	G1 1/4	G1"
PSB120/150	PSBT120/150	52	235	386	252	120	132	234	234	39	120	158	9	94	82	G1 1/4	G1"
PSB2-070/110	PSB2T-070/110	52	213	370	232	108	124	224	224	39	120	158	9	92	82	G1 1/2	G1"
PSB2-070/150	PSB2T-070/150	52	213	370	232	108	124	224	224	39	120	158	9	92	82	G1 1/2	G1"
PSB2-070/185	PSB2T-070/185	91	235	421	257	120	137	260	234	39	140	180	9	94	90	G1 1/4	G1"
-	PSB2T-120/260	91	235	421	257	120	137	-	242	40	140	180	9	93	80	G1 1/4	G1"