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CS_型 TYPE

可空转化工立式泵浦 Vertical pump



坚臻致美 强悍内在
STRONGER AND PRETTIER



CS 3/4-3HP | CS型可空转化工立式泵浦 Vertical Pump

可选配件 / Accessories

进口滤网 Suction basket
PP/PVC出口接头 PP or PVC outlet connection
铁/塑料马达风罩 Metal or plastic motor casing

驱动 / Drive

三相电机, 0.55KW到2.2KW
Three-phase motor, 0.55KW to 2.2KW



型号说明 / Type

CS - 32 EP - 750 - 3P 5 B
① ② ③ ④ ⑤ ⑥ ⑦ ⑧

① 机型编号 Type

② 口径 In-Outlet
25-1"
32-1-1/4"
40-1-1/2"

③ O环 O-ring
V-VITON
E-EPDM
N-NBR

④ 泵体材质
Pump body material
P-FRPP
K-PVDF
C-CFRPP

⑤ 马力 Power

550-3/4HP 750-1HP
1100-1.5HP 1500-2HP
2200-3HP

⑥ 相数 Phase

3P-三相 Three-phase

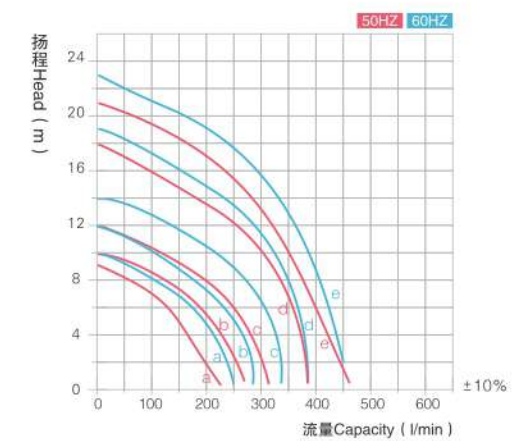
⑦ 频率 Frequency

5-50HZ 6-60HZ

⑧ 底座外形 Baseboard

B-标准型 Standard
F-方型 Square
W-槽外式 Out-tank
C-侧出式 Outside
T-特殊订做 Special order

性能曲线图 / Curve



特点及优点 / Features and Benefits

- ◆ 可空转使用，绝不因空转而损坏。
- ◆ 泵浦所有接液部分，均采用耐腐蚀之FRPP、CFRPP、PVDF材质，视输送的化学药剂而定。
- ◆ 轻巧的外型及安装板的设计最适合槽内使用，且配管及保养均很方便。
- ◆ 轴封设计，可防止化学气体损坏马达轴承，而游离之化学气体经由支撑板上的气孔顺利排出。
- ◆ 闭式叶轮，其安装与转向无关。
- ◆ 泵轴外装有保护轴套。
- ◆ 加强型轴承，可抵抗轴向和径向应力。
- ◆ 双层防腐喷涂。
- ◆ Dry-running without damage.
- ◆ Molded parts are out of FRPP, CFRPP, PVDF applicable to various chemicals.
- ◆ The lightweight form and mounting plate structure is suitable for in-tank applications, easy to mount and maintain.
- ◆ Shaft seal stops corrosive vapor to reach the motor bearing perfectly.
- ◆ Closed impeller, fastened independence of rotational direction.
- ◆ Shaft is separated from the chemicals by a plastic protective tube.
- ◆ Radial and axial forces are absorbed by reinforced motor bearings.
- ◆ Double protections of corrosion resistance of paint-coat.

型号参数 / Model parameter

(测试介质:水 比重:1.0) Test: Water

项目 Item 型号 Type	出口口径 Outlet (mm)	功率 Power		曲线 Curve (红Red)	50HZ		曲线 Curve (蓝Blue)	60HZ		重量 Weight (kg)
		相数 Phase	HP		全扬程 Max Head (m)	全流量 Max Flow (l/min)		全扬程 Max Head (m)	全流量 Max Flow (l/min)	
CS-32EP-550	32	3	3/4	a	9	230	a	10	250	16
CS-32EP-750	32	3	1	b	10	250	b	12	280	18
CS-32EP-1100	32	3	1.5	c	12	310	c	14	330	20
CS-40EP-1500	40	3	2	d	18	380	d	19	380	22
CS-40EP-2200	40	3	3	e	21	410	e	23	450	25



CS 1/4-1/2HP | CS型可空转化工立式泵浦 Vertical Pump

可选配件 / Accessories

进口滤网 Suction basket
PP/PVC出口接头 PP or PVC outlet connection
铁/塑料马达风罩 Metal or plastic motor casing

驱动 / Drive

单相/三相电机, 0.18KW到0.37KW
Single/Three-phase motor, 0.18KW to 0.37KW



型号说明 / Type

CS - 25 E P - 370 - 3P 5 B
① ② ③ ④ ⑤ ⑥ ⑦ ⑧

① 机型编号 Type

② 口径 In-Outlet
20-3/4"
25-1"
32-1-1/4"

③ O环 O-ring
V-VITON
E-EPDM
N-NBR

④ 泵体材质
Pump body material
P-FRPP
K-PVDF
C-CFRPP

⑤ 马力 Power

180-1/4HP
250-1/3HP
370-1/2HP

⑥ 相数 Phase

3P-三相 Three-phase
1P-单相 Single-phase

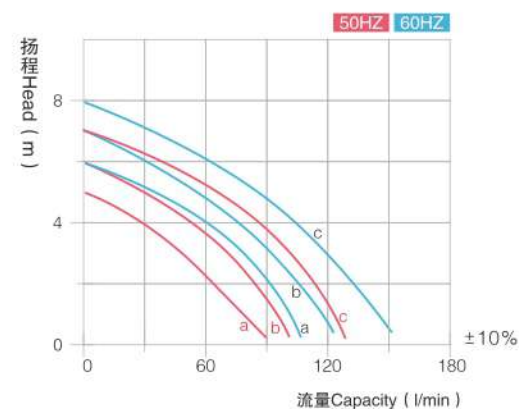
⑦ 频率 Frequency

5-50HZ
6-60HZ

⑧ 底座外形 Baseboard

B-标准型 Standard
Y-圆形 Round
W-槽外式 Out-tank
C-侧出式 Outside
T-特殊订做 Special order

性能曲线图 / Curve



特点及优点 / Features and Benefits

- ◆ 可空转使用, 绝不因空转而损坏。
- ◆ 泵浦所有接液部分, 均采用耐腐蚀之FRPP、CFRPP、PVDF材质, 视输送的化学药液而定。
- ◆ 轻巧的外形及安装板的设计最适合槽内使用, 且配管及保养均很方便。
- ◆ 轴封设计, 可防止化学气体损坏马达轴承, 而游离之化学气体经由支撑板上的气孔顺利排出。
- ◆ 闭式叶轮, 其安装与转向无关。
- ◆ 泵轴外装有保护轴套。
- ◆ 加强型轴承, 可抵抗轴向和径向应力。
- ◆ 双层防腐蚀喷涂。
- ◆ Dry-running without damage.
- ◆ Molded parts are out of FRPP, CFRPP, PVDF applicable to various chemicals.
- ◆ The lightweight form and mounting plate structure is suitable for in-tank applications, easy to mount and maintain.
- ◆ Shaft seal stops corrosive vapor to reach the motor bearing perfectly.
- ◆ Closed impeller, fastened independence of rotational direction.
- ◆ Shaft is separated from the chemicals by a plastic protective tube.
- ◆ Radial and axial forces are absorbed by reinforced motor bearings.
- ◆ Double protections of corrosion resistance of paint-coat.

型号参数 / Model parameter

(测试介质:水 比重:1.0) Test: Water

项目 Item 型号 Type	出口口径 Outlet (mm)	功率 Power		50HZ		60HZ		重量 Weight (kg)
		相数 Phase	HP	曲线 Curve (红Red)	全流量 Max Flow (l/min)	曲线 Curve (蓝Blue)	全流量 Max Flow (l/min)	
CS-20EP-180	20	1	1/4	a	5	90	110	8
CS-20EP-180	20	3	1/4	a	5	90	110	8
CS-20EP-250	20	1	1/3	b	6	105	130	8.5
CS-20EP-250	20	3	1/3	b	6	105	130	8.5
CS-25EP-370	25	1	1/2	c	7	135	150	9.5
CS-25EP-370	25	3	1/2	c	7	145	160	9.5



CS 1/15-1/6HP | CS型可空转化工立式泵浦 Vertical Pump

可选配件 / Accessories

进口滤网 Suction basket
PP/PVC出口接头 PP or PVC outlet connection
铁/塑料马达风罩 Metal or plastic motor casing

驱动 / Drive

单相/三相电机, 0.05KW到0.12KW
Single/Three-phase motor, 0.05KW to 0.12KW



型号说明 / Type

CS - 15 E P - 120 - 1P 5 B
① ② ③ ④ ⑤ ⑥ ⑦ ⑧

① 机型编号 Type

② 口径 In-Outlet
15-1/2"
20-3/4"

③ O环 O-ring
V-VITON
E-EPDM
N-NBR

④ 泵体材质
Pump body material
P-FRPP
K-PVDF
C-CFRPP

⑤ 马力 Power

50-1/15HP
190-1/8HP
120-1/6HP

⑥ 相数 Phase

3P-三相 Three-phase
1P-单相 Single-phase

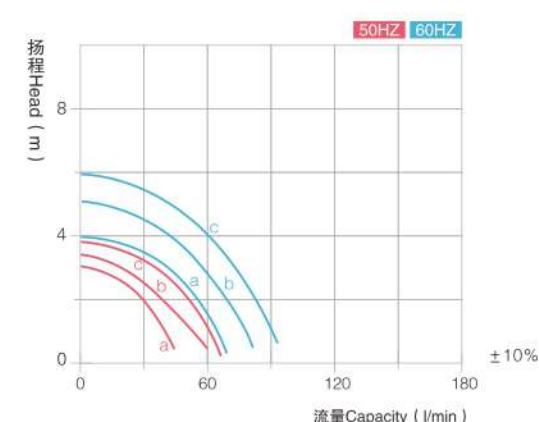
⑦ 频率 Frequency

5-50HZ
6-60HZ

⑧ 底座外形 Baseboard

B-标准型 Standard
F-方形 Square
Y-圆形 Round
W-槽外式 Out-tank
T-特殊订做 Special order

性能曲线图 / Curve



特点及优点 / Features and Benefits

- ◆ 可空转使用, 绝不因空转而损坏。
- ◆ 泵浦所有接液部分, 均采用耐腐蚀之FRPP、CFRPP、PVDF材质, 视输送的化学药液而定。
- ◆ 轻巧的外形及安装板的设计最适合槽内使用, 且配管及保养均很方便。
- ◆ 轴封设计, 可防止化学气体损坏马达轴承, 而游离之化学气体经由支撑板上的气孔顺利排出。
- ◆ 闭式叶轮, 其安装与转向无关。
- ◆ 泵轴外装有保护轴套。
- ◆ 加强型轴承, 可抵抗轴向和径向应力。
- ◆ 双层防腐蚀喷涂。
- ◆ Dry-running without damage.
- ◆ Molded parts are out of FRPP, CFRPP, PVDF applicable to various chemicals.
- ◆ The lightweight form and mounting plate structure is suitable for in-tank applications, easy to mount and maintain.
- ◆ Shaft seal stops corrosive vapor to reach the motor bearing perfectly.
- ◆ Closed impeller, fastened independence of rotational direction.
- ◆ Shaft is separated from the chemicals by a plastic protective tube.
- ◆ Radial and axial forces are absorbed by reinforced motor bearings.
- ◆ Double protections of corrosion resistance of paint-coat.

型号参数 / Model parameter

(测试介质:水 比重:1.0) Test: Water

项目 Item 型号 Type	出口口径 Outlet (mm)	功率 Power		50HZ		60HZ		重量 Weight (kg)
		相数 Phase	HP	曲线 Curve (红Red)	全流量 Max Flow (l/min)	曲线 Curve (蓝Blue)	全流量 Max Flow (l/min)	
CS-15EP-50	15	1	1/15	a	3	50	75	4.5
CS-15EP-90	15	1	1/8	b	3.5	60	85	4.5
CS-15EP-120	15	1	1/6	c	3.8	70	100	4.8

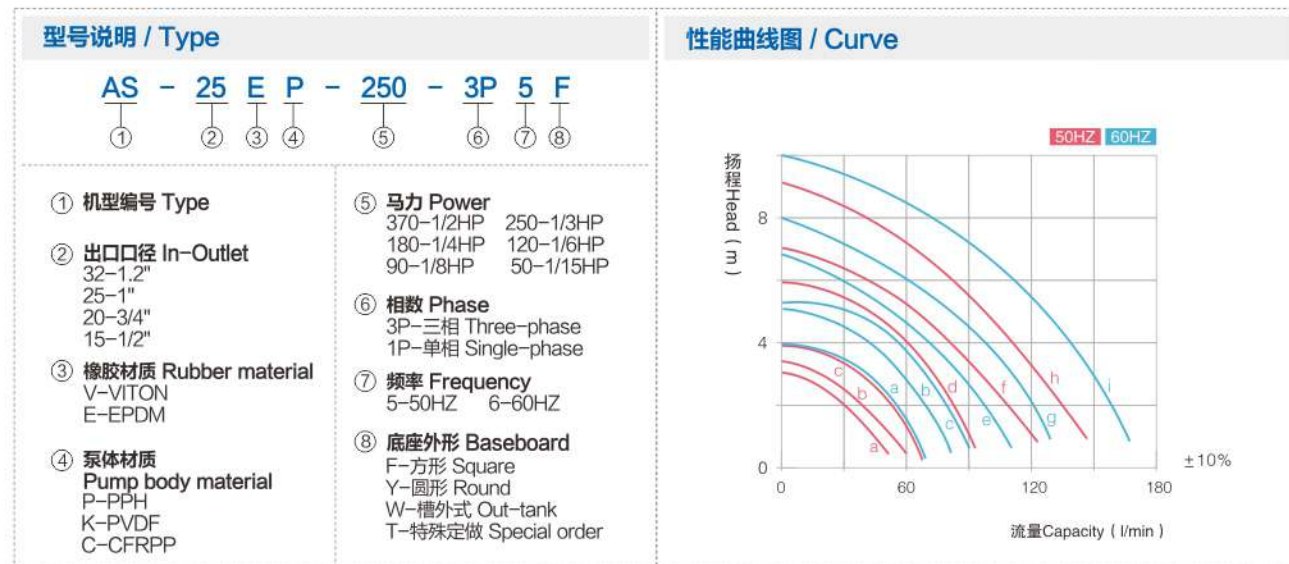
AS 1/15-1/2HP | AS型可空转化工立式泵浦 Vertical Pump

可选配件 / Accessories

进口滤网 Suction basket
PP/PVC出口接头 PP or PVC outlet connection
铁/塑料马达风罩 Metal or plastic motor casing

驱动 / Drive

单相/三相电机, 0.05KW到0.37KW
Single/Three-phase motor, 0.05KW to 0.37KW



特点及优点 / Features and Benefits

- 可空转使用, 绝不因空转而损坏。
- 泵浦所有接液部分, 均采用耐腐蚀之PPH、CFRPP、PVDF材质, 视输送的化学药液而定。
- 轻巧的外形及安装板的设计最适合槽内使用, 且配管及保养均很方便。
- 特殊多层轴封设计, 可防止化学气体损坏马达轴承, 而游离之化学气体经由支撑板上的气孔顺利排出。
- 闭式叶轮, 其安装与转向无关。
- 泵轴外装有保护轴套。
- 加强型轴承, 可抵抗轴向和径向应力。
- 双层防腐喷涂。
- Dry-running without damage.
- Molded parts are out of PPH, CFRPP, PVDF applicable to various chemicals.
- The lightweight form and mounting plate structure is suitable for in-tank applications, easy to mount and maintain.
- Special double shaft seals stop corrosive vapor to reach the motor bearing perfectly.
- Closed impeller, fastened independence of rotational direction.
- Shaft is separated from the chemicals by a plastic protective tube.
- Radial and axial forces are absorbed by reinforced motor bearings.
- Double protections of corrosion resistance of paint-coat.

型号参数 / Model parameter

(测试介质:水 比重:1.0) Test: Water

项目 Item	进出口口径 In-Outlet (mm)	功率 Power		50HZ		60HZ		重量 Weight (kg)
		相数 Phase	HP	曲线 Curve (红Red)	全流量 Max Flow (l/min)	曲线 Curve (蓝Blue)	全流量 Max Flow (l/min)	
AS-20EP-50	25*20	1 φ	1/15	a	3	a	4	4.5
AS-20EP-90	25*20	1 φ	1/8	b	3.5	b	4.5	4.5
AS-20EP-120	25*20	1 φ	1/6	c	4	c	5	5
AS-25EP-180	32*25	1 φ	1/4	d	6	e	7	8.5
AS-25EP-180	32*25	3 φ	1/4	d	6	e	7	8.5
AS-25EP-250	32*25	1 φ	1/3	f	7	g	8	9
AS-25EP-250	32*25	3 φ	1/3	f	7	g	8	9
AS-25EP-370	32*25	1 φ	1/2	h	9	i	10	10
AS-25EP-370	32*25	3 φ	1/2	h	9	i	10	10

CSH 型

TYPE

可空转耐酸碱立式泵浦 Vertical pump

进口高端原料铸造·耐酸碱
不开裂·噪音低·高扬程

Imported high-end raw materials for casting · acid and alkali resistance
No cracking · low noise · high head



PCB高压蚀刻水洗首选

THE FIRST CHOICE FOR WATER WASHING OF PCB HIGH PRESSURE ETCHING



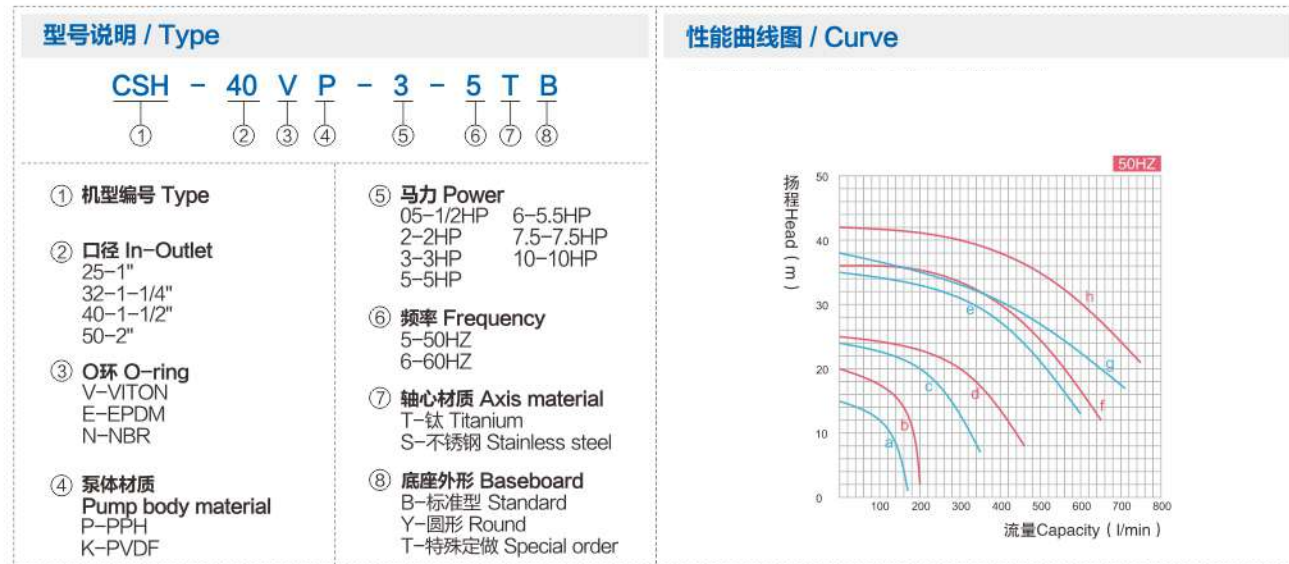
CSH 1/2-10HP | CSH型可空转耐酸碱立式泵浦 Vertical Pump

可选配件 / Accessories

进口滤网 Suction basket
PP/PVC出口接头 PP or PVC outlet connection
铁/塑料马达风罩 Metal or plastic motor casing

驱动 / Drive

三相电机, 0.37KW到7.5KW
Three-phase motor, 0.37KW to 7.5KW



特点及优点 / Features and Benefits

- ◆ 可空转使用, 绝不因空转而损坏。
- ◆ 配备2级能效电机, 更节能更省钱。
- ◆ 泵浦所有接液部分, 均采用耐腐蚀之PPH、PVDF材质, 视输送的化学药液而定。
- ◆ 轻巧的外型及安装板的设计最适合槽内使用, 且配管及保养均很方便。
- ◆ 特殊的双层干式轴封设计, 可防止化学气体损坏马达轴承, 而游离之化学气体经由支撑板上的气孔顺利排出。
- ◆ 闭式叶轮, 其安装与转向无关。
- ◆ 高扬程的设计, 适合PCB、喷洗设备。
- ◆ 泵轴外装有保护轴套。
- ◆ 加强型轴承, 可抵抗轴向和径向应力。
- ◆ 双层防腐蚀喷涂。
- ◆ Dry-running without damage.
- ◆ With 2 grades efficient motor, More energy saves more money.
- ◆ Molded parts are out of PPH、PVDF applicable to various chemicals.
- ◆ The lightweight form and mounting plate structure is suitable for in-tank applications. Easy to mount and maintain.
- ◆ Special double shaft seals stop corrosive vapor to reach the motor bearing perfectly.
- ◆ Closed impeller, fastened independence of rotational direction.
- ◆ The design of high head, suitable for PCB、cleaning equipment.
- ◆ Shaft is separated from the chemicals by a plastic protective tube.
- ◆ Radial and axial forces are absorbed by reinforced motor bearings.
- ◆ Double protections of corrosion resistance of paint-coat.

型号参数 / Model parameter

(测试介质:水 比重:1.0) Test: Water

项目 Item 型号 Type	比重 Gravity	出口口径 Outlet (Inch)	功率 Power		曲线 Curve	50HZ	
			相数 Phase	HP		全扬程 Max Head (m)	全流量 Max Flow (l/min)
CSH-25VP-05	1.1	1"	3	1/2	a	15	170
CSH-25VP-1	1.1	1"	3	1	b	20	200
CSH-32VP-2	1.1	1-1/4"	3	2	c	24	350
CSH-40VP-3	1.1	1-1/2"	3	3	d	25	460
CSH-40VP-5	1.1	1-1/2"	3	5	e	35	600
CSH-40VP-6	1.1	1-1/2"	3	5.5	f	36	650
CSH-50VP-7.5	1.1	2"	3	7.5	g	38	710
CSH-50VP-10	1.1	2"	3	10	h	42	750



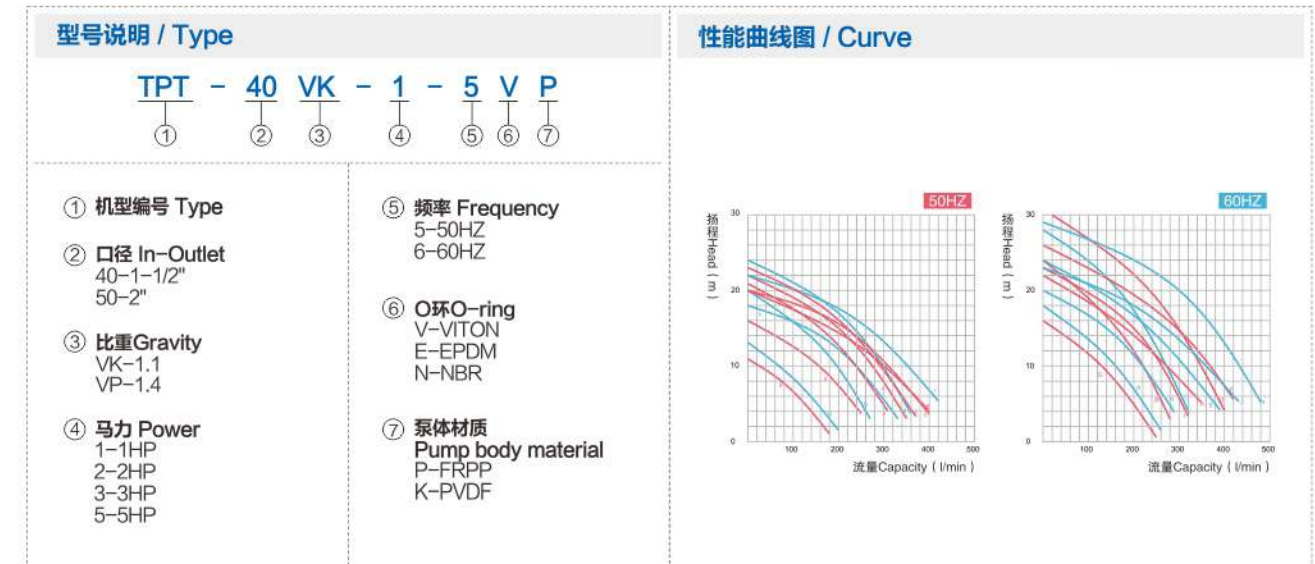
TPT 1-5HP | TPT型可空转化工立式泵浦 Vertical Pump

可选配件 / Accessories

进口滤网 Suction basket
PP/PVC出口接头 PP or PVC outlet connection

驱动 / Drive

三相电机, 0.75KW到3.75KW
Three-phase motor, 0.75KW to 3.75KW



特点及优点 / Features and Benefits

- ◆ 可空转使用, 绝不因空转而损坏。
- ◆ 泵浦所有接液部分, 均采用耐腐蚀之FRPP、PVDF材质, 视输送的化学药液而定。
- ◆ 轻巧的外型及安装板的设计最适合槽内使用, 且配管及保养均很方便。
- ◆ 轴封设计, 可防止化学气体损坏马达轴承, 而游离之化学气体经由支撑板上的气孔顺利排出。
- ◆ 闭式叶轮, 其安装与转向无关。
- ◆ 泵轴外装有保护轴套。
- ◆ 加强型轴承, 可抵抗轴向和径向应力。
- ◆ 双层防腐蚀喷涂。
- ◆ Dry-running without damage.
- ◆ Molded parts are out of FRPP, PVDF applicable to various chemicals.
- ◆ The lightweight form and mounting plate structure is suitable for in-tank applications, easy to mount and maintain.
- ◆ Shaft seal stops corrosive vapor to reach the motor bearing perfectly.
- ◆ Closed impeller, fastened independence of rotational direction.
- ◆ Shaft is separated from the chemicals by a plastic protective tube.
- ◆ Radial and axial forces are absorbed by reinforced motor bearings.
- ◆ Double protections of corrosion resistance of paint-coat.

型号参数 / Model parameter

(测试介质:水 比重:1.0) Test: Water

项目 Item 型号 Type	比重 Gravity	进出口口径 In-Outlet (mm)	功率 Power			50HZ		60HZ		重量 Weight (kg)
			相数 Phase	HP	极数 Pole	曲线 Curve	全扬程 Max Head (m)	全流量 Max Flow (l/min)	曲线 Curve	
40VK-1	1.1	50*40	3 φ	1	2	a	16	250	A	24
40VK-2	1.1	50*40	3 φ	2	2	b	20	270	B	28
40VK-3	1.1	50*40	3 φ	3	2	c	22	350	C	30
40VK-5	1.1	50*40	3 φ	5	2	d	24	360	D	40
50VK-3	1.1	50*50	3 φ	3	2	e	20	400	E	30
50VK-5	1.1	50*50	3 φ	5	2	f	22	420	F	40
40VP-1	1.4	50*40	3 φ	1	2	g	11	180	G	24
40VP-2	1.4	50*40	3 φ	2	2	h	13	200	H	28
40VP-3	1.4	50*40	3 φ	3	2	i	21	310	I	30
40VP-5	1.4	50*40	3 φ	5	2	j	23	370	J	40
50VP-3	1.4	50*50	3 φ	3	2	k	18	330	K	30
50VP-5	1.4	50*50	3 φ	5	2	l	20	400	L	40

TP 1/2-2HP | TP型可空转化工立式泵浦

Vertical Pump



可选配件 / Accessories

进口滤网 Suction basket
PP/PVC出口接头 PP or PVC outlet connection

驱动 / Drive

单相/三相电机, 0.37KW到1.5KW
Single/Three-phase motor, 0.37KW to 1.5KW

HT 1-15HP | HT型可空转化工立式泵浦

Vertical Pump



可选配件 / Accessories

PVC出口法兰PVC flange,
2级能效电机 2 grade energy efficiency motor

驱动 / Drive

三相电机, 0.75KW到11KW
Three-phase motor, 0.75KW to 11KW

型号说明 / Type

TP - 40 VK - 1 - 5 V P
① ② ③ ④ ⑤ ⑥ ⑦

① 机型编号 Type

② 口径 In-Outlet
25-1" 40-1-1/2"
50-2"

③ 比重 Gravity
VK-1.1
VP-1.4

④ 马力 Power
1/2-1/2HP
1-1HP
2-2HP
3-3HP

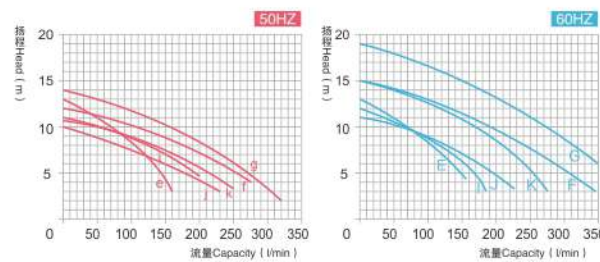
⑤ 频率 Frequency

5-50HZ
6-60HZ

⑥ O环O-ring
V-VITON
E-EPDM
N-NBR

⑦ 泵体材质
Pump body material
P-FRPP
K-PVDF

性能曲线图 / Curve



型号说明 / Type

HT - 50 VK - 5 - 5 V P
① ② ③ ④ ⑤ ⑥ ⑦

① 机型编号 Type

② 口径 In-Outlet
40-1-1/2"
50-2"
65-2-1/2"
80-3"

③ 比重 Gravity
VK-1.1
VP-1.4

④ 马力 Power
3-3HP
5-5HP
7.5-7.5HP
10-10HP

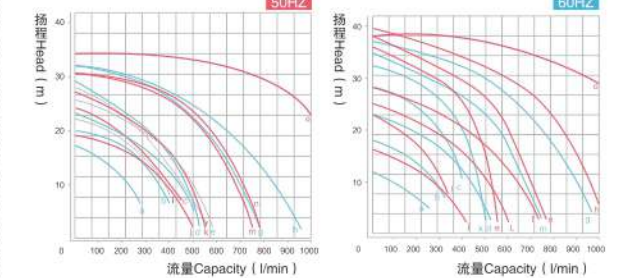
⑤ 频率 Frequency

5-50HZ
6-60HZ

⑥ O环O-ring
V-VITON
E-EPDM
N-NBR

⑦ 泵体材质
Pump body material
P-FRPP
K-PVDF

性能曲线图 / Curve



特点及优点 / Features and Benefits

- ◆ 可空转使用, 绝不因空转而损坏。
- ◆ 泵浦所有接液部分, 均采用耐腐蚀之FRPP、PVDF材质, 视输送的化学药液而定。
- ◆ 轻巧的外型及安装板的设计最适合槽内使用, 且配管及保养均很方便。
- ◆ 轴封设计, 可防止化学气体损坏马达轴承, 而游离之化学气体经由支撑板上的气孔顺利排出。
- ◆ 闭式叶轮, 其安装与转向无关。
- ◆ 泵轴外装有保护轴套。
- ◆ 加强型轴承, 可抵抗轴向和径向应力。
- ◆ 双层防腐蚀喷涂。
- ◆ Dry-running without damage.
- ◆ Molded parts are out of FRPP, PVDF applicable to various chemicals.
- ◆ The lightweight form and mounting plate structure is suitable for in-tank applications, easy to mount and maintain.
- ◆ Shaft seal stops corrosive vapor to reach the motor bearing perfectly.
- ◆ Closed impeller, fastened independence of rotational direction.
- ◆ Shaft is separated from the chemicals by a plastic protective tube.
- ◆ Radial and axial forces are absorbed by reinforced motor bearings.
- ◆ Double protections of corrosion resistance of paint-coat.

型号参数 / Model parameter

(测试介质:水 比重:1.0) Test: Water

项目 Item 型号 Type	比重 Gravity	进出口口径 In-Outlet (mm)	功率 Power			50HZ			60HZ			重量 Weight (kg)
			相数 Phase	HP	极数 Pole	曲线 Curve	全扬程 Max Head (m)	全流量 Max Flow (l/min)	曲线 Curve	全扬程 Max Head (m)	全流量 Max Flow (l/min)	
25VK-1/2	1.1	40*25	1φ/3φ	1/2	2	e	13	160	E	13	165	18
40VK-1	1.1	50*40	1φ/3φ	1	2	f	12	280	F	15	350	19
40VK-2	1.1	50*40	3φ	2	2	g	14	320	G	19	400	24
25VP-1	1.4	40*25	1φ/3φ	1	2	i	11	200	I	12	185	19
40VP-1	1.4	50*40	1φ/3φ	1	2	j	10	230	J	11	230	19
40VP-2	1.4	50*40	3φ	2	2	k	11	250	K	15	280	24

特点及优点 / Features and Benefits

- ◆ 可空转使用, 绝不因空转而损坏。
- ◆ 泵浦所有接液部分, 均采用耐腐蚀之FRPP、PVDF材质, 视输送的化学药液而定。
- ◆ 轴封设计, 可防止化学气体损坏马达轴承, 而游离之化学气体经由支撑板上的气孔顺利排出。
- ◆ 闭式叶轮, 其安装与转向无关。
- ◆ 泵轴外装有保护轴套。
- ◆ 加强型轴承, 可抵抗轴向和径向应力。
- ◆ 双层防腐蚀喷涂。
- ◆ Dry-running without damage.
- ◆ Molded parts are out of FRPP, PVDF applicable to various chemicals.
- ◆ Shaft seal stops corrosive vapor to reach the motor bearing perfectly.
- ◆ Closed impeller, fastened independence of rotational direction.
- ◆ Shaft is separated from the chemicals by a plastic protective tube.
- ◆ Radial and axial forces are absorbed by reinforced motor bearings.
- ◆ Double protections of corrosion resistance of paint-coat.

型号参数 / Model parameter

(测试介质:水 比重:1.0) Test: Water

项目 Item 型号 Type	比重 Gravity	进出口口径 In-Outlet (mm)	功率 Power		曲线 Curve	50HZ		曲线 Curve	60HZ		重量 Weight (kg)
			相数 Phase	HP		全扬程 Max Head (m)	全流量 Max Flow (l/min)		全扬程 Max Head (m)	全流量 Max Flow (l/min)	
HT-40VK-1	1.1	50*40	3φ	1	a	16.5	280	a	13	250	24
HT-40VK-2	1.1	50*40	3φ	2	b	20	400	b	23	320	28
HT-40VK-3	1.1	50*40	3φ	3	c	24	450	c	28.5	390	31
HT-50VK-3	1.1	65*50	3φ	3	d	23	530	d	23	520	32
HT-50VK-5	1.1	65*50	3φ	5	e	31	580	e	36	560	42
HT-65VK-5	1.1	80*65	3φ	5	f	29	600	f	29	740	43
HT-65VK-7.5	1.1	80*65	3φ	7.5	g	32	780	g	37	960	63
HT-65VK-10	1.1	80*65	3φ	10	h	32	970	h	39.5	1000	73
HT-40VP-3	1.4	50*40	3φ	3	i	22	400	i	23	340	31
HT-50VP-3	1.4	65*50	3φ	3	j	19	500	j	16.5	415	32
HT-50VP-5	1.4	65*50	3φ	5	k	28	560	k	32.5	500	42
HT-65VP-5	1.4	80*65	3φ	5	l	27	580	l	25	600	43
HT-65VP-7.5	1.4	80*65	3φ	7.5	m	31	750	m	35	750	63
HT-65VP-10	1.4	80*65	3φ	10	n	31	780	n	38	760	73
HT-100VK-15	1.1	100*100	3φ	15	o	35	1710	o	35	1950	105

驱动 / Drive

三相电机, 0.75KW到3.7KW
Three-phase motor, 0.75KW to 3.7KW

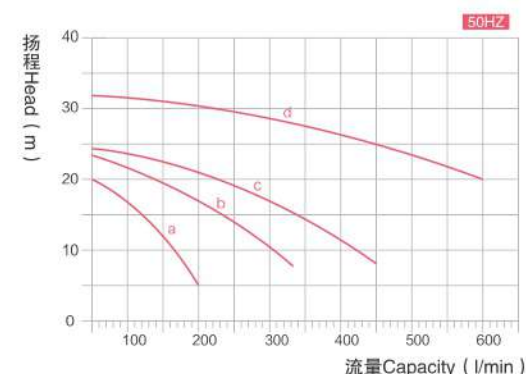


型号说明 / Type

CSY - 40 V P - 3 - 5 T B - 700

- | | |
|---------------------------|----------------------------|
| ① 机型编号 Type | ⑥ 频率 Frequency |
| ② 口径 In-Outlet | 5-50HZ |
| 32-1-1/4" 50-2" | 6-60HZ |
| ③ O环 O-ring | ⑦ 轴心材质 Axis material |
| V-VITON | T-钛 Titanium |
| E-EPDM | S-不锈钢 Stainless steel |
| N-NBR | ⑧ 底座外形 Baseboard |
| ④ 泵体材质 Pump body material | B-标准型 Standard |
| P-PPH | F-方型 Square |
| K-PVDF | Y-圆形 Round |
| ⑤ 马力 Power | T-特殊定做 Special order |
| 1-1HP 3-3HP | ⑨ 泵体长度 Length of pump body |
| 2-2HP 5-5HP | 700mm / 1000mm / 1500mm |

性能曲线图 / Curve



特点及优点 / Features and Benefits

- ◆ 可根据客户槽体深度定制700-1500mm。
- ◆ 泵浦所有接液部分, 均采用耐腐蚀之PPH、PVDF材质, 视输送的化学药液而定。
- ◆ 特殊的双层干式轴封设计, 可防止化学气体损坏马达轴承。
- ◆ 特殊设计之叶轮, 即使叶轮偶尔逆转也不会损坏泵浦。
- ◆ 适合各种耐酸碱药液循环、喷洗设备、废水废气处理、化学槽液体输送转移。
- ◆ 700-1500mm can be customized according to the depth of tank.
- ◆ All the connecting liquid pump parts, are PPH, PVDF corrosion resistant materials, depending on the delivery of chemical liquid.
- ◆ Special double shaft seals are designed to prevent motor bearings damaging from chemical gas.
- ◆ With specially designed impeller, even if the impeller is occasionally reversed, the pump will not damage.
- ◆ Suitable for all kinds of acid and alkali resistant liquid circulation, spray washing equipment, waste water treatment, chemical tank liquid transportation.

型号参数 / Model parameter

(测试介质:水 比重:1.0) Test: Water

项目 Item 型号 Type	比重 Gravity	出口口径 Outlet (Inch)	功率 Power		曲线 Curve	50HZ 全扬程 Max Head (m)	全流量 Max Flow (l/min)
			相数 Phase	HP			
CSY-25VP-1	1.1	1"	3	1HP	a	20	160
CSY-32VP-2	1.1	1-1/4"	3	2HP	b	24	300
CSY-40VP-3	1.1	1-1/2"	3	3HP	c	25	400
CSY-40VP-5	1.1	1-1/2"	3	5HP	d	31	550
CSY-50VP-5	1.1	2"	3	5HP	e	25	600
CSY-65VP-5	1.1	2-1/2"	3	5HP	f	24	650
CSY-65VP-7.5	1.1	2-1/2"	3	7.5HP	g	38	710
CSY-65VP-10	1.1	2-1/2"	3	10HP	h	42	750

TMP^型

TYPE

无轴封磁力驱动泵浦 Seal-less magnetic drive pump

全新升级自循环冷却构造
Newly upgraded self-circulating cooling structure



出入口新型一体式设计, 无泄漏
NEW INTEGRATED DESIGN OF ENTRANCE AND EXIT, NO LEAKAGE

TMP 30RM-100RM | TMP型无轴封磁力驱动泵浦

Seal-less magnetic drive pump



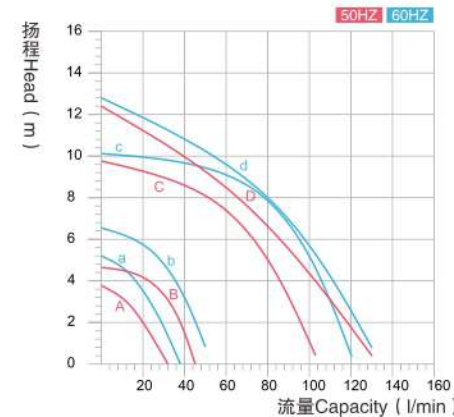
型号说明 / Type

TMP - 25 25 3 C V R U 5
① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨

TMP - 100 RM - C V R 3 5
① ⑩ ⑪ ⑤ ⑥ ⑦ ④ ⑨

- ① 机型编号 Type
- ② 口径 In-Outlet
25-1" (塑胶脚架)
- ③ 功率 Power
25-250W 18-180W
- ④ 相数 Phase
1-单相 Single-phase
3-三相 Three-phase
- ⑤ 泵体材质
Pump body material
C-CFRPP K-PVDF
E-ETFE
- ⑥ 橡胶材质 Rubber material
V-VITON E-EPDM
N-NBR
- ⑦ 轴承材质 Bearing material
A-995陶瓷 Ceramic
C-碳素 Carbon
S-SiC R-PTFE
- ⑧ 配管形式 Piping form
U-由任式 Union
M-螺纹式 Thread
H-插管式 Intubation
- ⑨ 频率 Frequency
5-50HZ
6-60HZ
- ⑩ 功率 Power
100-250W 70-180W
40-65W
30-45W (金属脚架)
- ⑪ 出入方式 Access mode
RU-由任式 Union
RM-螺纹式 Thread
R-插管式 Intubation

性能曲线图 / Curve



特点及优点 / Features and Benefits

- ◆ 非接触构造：通过精确设置被动磁铁与主动磁铁的相对位置，可以有效对磁囊的位置进行磁力控制，即使在空转时轴承的后端也不会与后止推环接触，这种构造有效的抑制了摩擦热的产生，确保了摩擦部的润滑。
- ◆ 小巧坚固：轻巧的外形及泵浦内部零件规格化，装配简易，拆卸、检查、保养非常容易，方便又省时。在泵前壳及后壳等应力集中部位，全部使用加强筋补强，进一步提高了泵的耐压性能及机械强度。
- ◆ 创新型设计，无泄漏：泵浦前盖全新设计，多种配管衔接方式以搭配您的需求，全密封，零泄露。一体成型设计之叶轮，保证了运转的高效率和静音，不易损坏，提高了泵在高温工况条件下的可靠性。
- ◆ Non-contact structure: By accurately setting the relative position of the passive magnet and the active magnet, the position of the magnetic capsule can be effectively controlled magnetically. Even when idling, the rear end of the bearing will not contact the rear thrust ring. This structure is effective. The generation of frictional heat is suppressed and the lubrication of the friction part is ensured.
- ◆ Small and strong: Lightweight appearance and standardized pump internal parts, easy assembly, easy to disassemble, inspect and maintain, convenient and time-saving. All the stress-concentrated parts such as the front shell and the rear shell of the pump are reinforced with reinforcing ribs to further improve the pressure resistance and mechanical strength of the pump.
- ◆ Innovative design, no leakage: the new design of the pump front cover, a variety of piping connection methods to match your needs, fully sealed, zero leakage. The impeller of one-piece design ensures high efficiency and quiet operation, is not easy to damage, and improves the reliability of the pump under high temperature conditions.

型号参数 / Model parameter

(测试介质:水 比重:1.0) Test: Water

项目 Item 型号 Type	进出口口径 In-Outlet (Inch)	相数 Phase	功率 Power	50HZ			60HZ			重量 Weight (kg)	操作温度(°C) Operating temperature
				曲线 Curve (红Red)	全流量 Max Flow (l/min)	全扬程 Max Head (m)	曲线 Curve (蓝Blue)	全流量 Max Flow (l/min)	全扬程 Max Head (m)		
TMP-2518	1"×1"	1φ/3φ	180	C	105	9.8	c	120	10.2	8.5	GFRPP: 0~75 CFRPP: 0~80 PVDF: 0~90 ETFE+CF: 0~100
TMP-2525	1"×1"	1φ/3φ	250	D	130	12.4	d	130	12.8	10	
TMP-30RM	3/4"×3/4"	1φ	45	A	32	3.8	a	38	5.4	4.5	
TMP-40RM	3/4"×3/4"	1φ	65	B	45	4.6	b	52	6.5	4.5	
TMP-70RM	1"×1"	1φ/3φ	180	C	105	9.8	c	120	10.2	8	
TMP-100RM	1"×1"	1φ/3φ	250	D	130	12.4	d	130	12.8	9.5	

TMP 1/2HP-5HP | TMP型无轴封磁力驱动泵浦

Seal-less magnetic drive pump

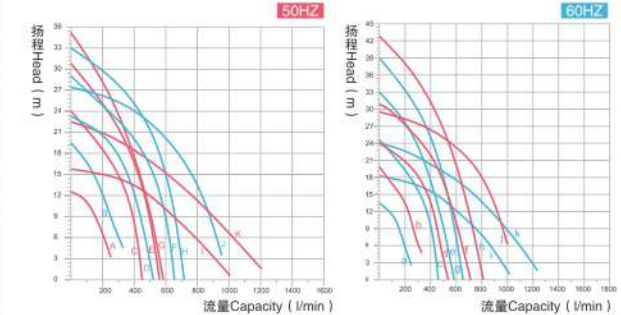


型号说明 / Type

TMP 5 4 3 C V A C F 5
① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩

- ① 机型编号 Type
- ② 进口口径 Import caliber
6-2.5寸 (Φ65) 5-2寸 (Φ50)
4-1.5寸 (Φ40)
- ③ 出口口径 Export caliber
6-2.5寸 (Φ65) 5-2寸 (Φ50)
4-1.5寸 (Φ40)
- ④ 功率 Power
0-1/2HP 1-1HP
2-2HP 3-3HP
5-5HP
- ⑤ 泵体材质
Pump body material
C-CFRPP E-ETFE
P-GFRPP K-PVDF
- ⑥ 橡胶材质 Rubber material
E-EPDM V-VITON
F-FKM
- ⑦ 轴心材质 Axis material
A-995陶瓷 Ceramic S-SiC
- ⑧ 轴承材质 Bearing material
A-995陶瓷 Ceramic
C-碳素 Carbon
S-SiC R-PTFE
- ⑨ 配管形式 Piping form
F-法兰式 M-螺纹式
- ⑩ 频率 Frequency
5-50HZ 6-60HZ

性能曲线图 / Curve



特点及优点 / Features and Benefits

- ◆ 非接触构造：通过精确设置被动磁铁与主动磁铁的相对位置，可以有效对磁囊的位置进行磁力控制，即使在空转时轴承的后端也不会与后止推环接触，这种构造有效的抑制了摩擦热的产生，确保了摩擦部的润滑。
- ◆ 创新型设计，无泄漏：泵浦前盖全新设计，配合卡扣式，前盖出入口法兰一体成型，杜绝泄露。还有强化密封垫片设计延长使用寿命。
- ◆ 全新升级自循环冷却构造：在叶轮与磁囊的连接固定处设有热扩散孔基础上，还在轴套和磁囊相接处开有散热槽孔，此孔可使泵轴和轴承周围的液体在离心力和反水叶片作用下强制循环，快速有效散发由摩擦产生的热量，阻止了泵腔的油脂材料因高温产生的变形和融化。
- ◆ Non-contact structure: By accurately setting the relative position of the passive magnet and the active magnet, the position of the magnetic capsule can be effectively controlled magnetically. The displacement of the bearing will not contact the rear thrust ring even when idling. This structure is effective. The generation of frictional heat is suppressed and the lubrication of the friction part is ensured.
- ◆ Innovative design, no leakage: a new design of the pump front cover, with a snap-in type, and the front cover inlet and outlet flanges are integrally formed to prevent leakage. There is also a reinforced gasket designed to extend the working life.
- ◆ Newly upgraded self-circulating cooling structure: on the basis of the heat diffusion hole at the connection and fixing place of the impeller and the magnetic capsule, there is also a heat dissipation slot at the junction of the shaft sleeve and the magnetic capsule, which can pump the liquid around the shaft and the bearing. Forced circulation under the action of centrifugal force and reverse water blades quickly and effectively dissipates the displacement caused by friction, preventing the deformation and melting of the grease material in the pump cavity due to high temperature.

型号参数 / Model parameter

(测试介质:水 比重:1.0) Test: Water

项目 Item 型号 Type	进出口口径 In-Outlet (Inch)	相数 Phase	功率 Power (KW) (HP)	曲线 Curve	50HZ		曲线 Curve	60HZ		重量 Weight (kg)	操作温度(°C) Operating temperature
					全流量 Max Flow (l/min)	全扬程 Max Head (m)		全流量 Max Flow (l/min)	全扬程 Max Head (m)		
TMP-440	1.5"×1.5"	3φ	0.37 1/2	A	245	12.5	a	250	13.5	16	GFRPP: 0~75 CFRPP: 0~80 PVDF: 0~90 ETFE+CF: 0~100
TMP-441	1.5"×1.5"	3φ	0.75 1	B	325	19.5	b	330	20	21	
TMP-542	2"×1.5"	3φ	1.5 2	C	450	24.5	c	460	25.5	30	
TMP-552	2"×2"	3φ	1.5 2	D	510	23	d	520	24	30	
TMP-543	2"×1.5"	3φ	2.2 3	E	560	31	e	590	32	31	
TMP-553	2"×2"	3φ	2.2 3	F	660	29	f	710	31	31	
TMP-653	2.5"×2"	3φ	2.2 3	/	580	24	/	600	24	31	
TMP-663	2.5"×2.5"	3φ	2.2 3	I	1000	15.5	i	1030	18.5	31	
TMP-545	2"×2"	3φ	3.7 5	G	580	35	g	650	39	45	
TMP-555	2"×2"	3φ	3.7 5	H	733	33	h	815	43	45	
TMP-655	2.5"×2"	3φ	3.7 5	J	950	27.5	j	1050	29.5	45	
TMP-665	2.5"×2.5"	3φ	3.7 5	K	1210	22.5	k	1240	24	45	

TXM[®] TYPE

自吸式磁力驱动泵浦

Self-priming magnetic drive pump

—— 各种异常境况输送，操作简便 ——
Convey under various abnormal conditions, easy to operate



超强自吸，2分钟内吸入扬程4米
SUPER SELF-PRIMING, SUCTION LIFT OF 4 METERS IN 2 MINUTES



TXM 1/4HP-5HP | TXM型自吸式磁力驱动泵浦

Self-priming magnetic drive pump



型号说明 / Type

TXM - 4 4 1 C V A C F 5

① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩

① 机型编号 Type	⑥ 橡胶材质 Rubber material
② 进口口径 Import caliber	E-EPDM V-VITON
③ 出口口径 Export caliber	⑦ 轴心材质 Axis material
④ 功率 Power	A-995陶瓷 Ceramic S-SIC
⑤ 泵体材质 Pump body material	⑧ 轴承材质 Bearing material
C-CFRPP P-GFRPP	A-995陶瓷 Ceramic
K-PVDF E-CFETFE	C-碳素 Carbon
	S-SIC R-PTFE
	⑨ 进出口方式 Import and export method
	F-法兰式 Flange
	M-螺纹式 Thread
	R-插管式 Intubation
	⑩ 频率 Frequency
	5-50HZ 6-60HZ

性能曲线图 / Curve

特点及优点 / Features and Benefits

- ◆ 适用范围广：TXM系列采用模块化设计，便于输送高比重液体；同时配备标准规格电机，也大大扩大了其适用范围。
- ◆ 耐酸碱抗腐蚀性强：无轴封磁力驱动解决机械泵的跑、冒、滴、漏之弊病。
- ◆ 耐异常运行：空转时转动部分产生摩擦热、轴心及轴套等形成高温成为泵浦破损的原因，因此，采用独有的自动散热构造，在异常运行工况下可以有效扩散摩擦产生的热量。
- ◆ 快速自吸：无逆止阀构造，不需要外部自吸阀或阀门，容易气液分离内部构造设计将自吸损失减至最低，可以快速自吸。
- ◆ Wide application range: TXM series adopts modular design, which is convenient for conveying high specific gravity liquid; at the same time, it is equipped with standard specifications motor, which greatly expands its application range.
- ◆ Strong acid and alkali resistance and strong corrosion resistance: No shaft seal magnetic drive solves the disadvantages of leakage.
- ◆ Abnormal operation resistance: the frictional heat generated by the rotating part when idling, the high temperature of the shaft and sleeve, etc., is the cause of the pump damage. Therefore, the unique automatic heat dissipation structure can effectively diffuse the heat generated by friction under abnormal operating conditions.
- ◆ Fast self-priming: No check valve structure, no external self-priming valve or valve, easy gas-liquid separation, the internal structure design minimizes self-priming loss, and can complete rapid self-priming.

型号参数 / Model parameter

(测试介质:水 比重:1.0) Test: Water

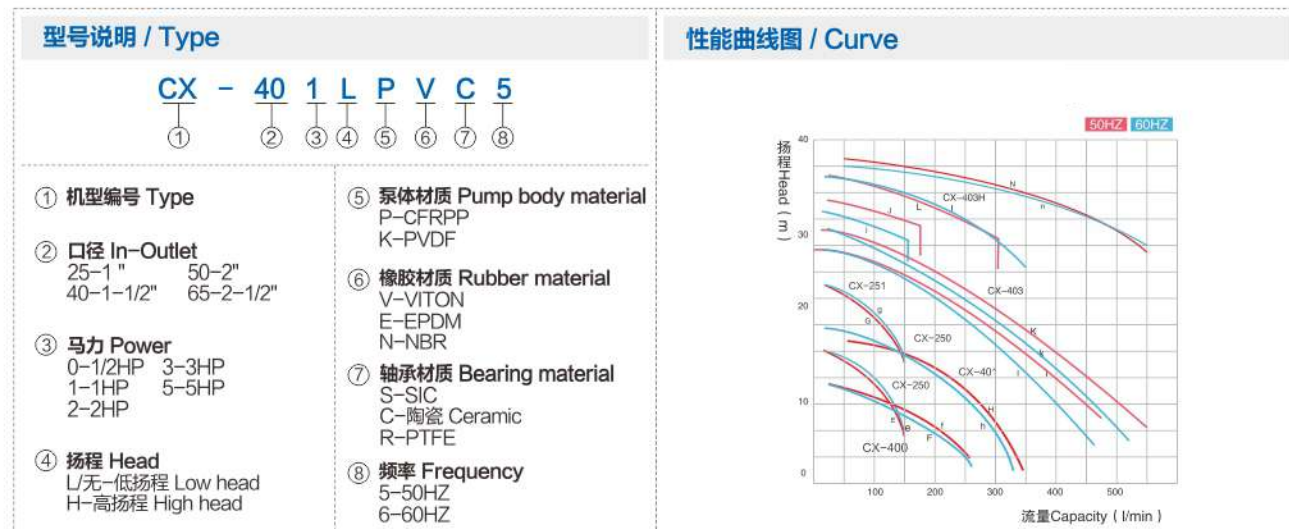
项目 Item 型号 Type	进出口口径 In-Outlet A(mm)	功率 power (KW)	最小流量 Minimum flow (L/min)	曲线 Curve (50/60HZ)	最高扬程·最大流量(m-L/min) Maximum lift and maximum flow		标准性能(m-L/min) Standard performance		耐压强度(MPa) Compressive strength	重量(Kg) weight
					50HZ	60HZ	50HZ	60HZ		
TXM-1118	20A*20A	0.18	5	A/a	7.0-55	9.0-75	5-30	7-40	0.22	11
TXM-1125		0.25		B/b	7.5-65	9.5-85	5-40	7-50		11
TXM-220		0.37		C/c	13.5-90	12.5-100	8.5-80	8-80		18
TXM-221	25A*25A	0.75	10	D/d	16.0-140	19.0-155	11-100	12-110	0.28	24
TXM-222		1.5		E/e	18.5-160	20.0-170	13-100	13-110		30
TXM-441		0.75		F/f	17.0-190	19.0-200	12-150	11-150		32
TXM-442	40A*40A	1.5	10	G/g	18.0-280	26.0-310	14-180	17-200	0.33	36
TXM-443		2.2		h	-	27.0-350	-	18-200		39
TXM-542		1.5		I	24.0-240	-	16-200	-		45
TXM-543	50A*40A	2.2	20	J/j	25.0-420	30.0-415	18-240	18-250	0.43	48
TXM-545		3.7		K/k	27.0-440	37.0-520	18-250	25-300		62
TXM-552		1.5		L	24.0-350	-	17-220	-		45
TXM-553	50A*50A	2.2	20	M/m	25.0-430	30.0-420	18-250	20-250	0.43	48
TXM-555		3.7		N/n	26.0-445	35.0-530	19-250	23-300		62



CX 1/2-5HP | CX型耐酸碱磁力泵浦 Magnetic Pump



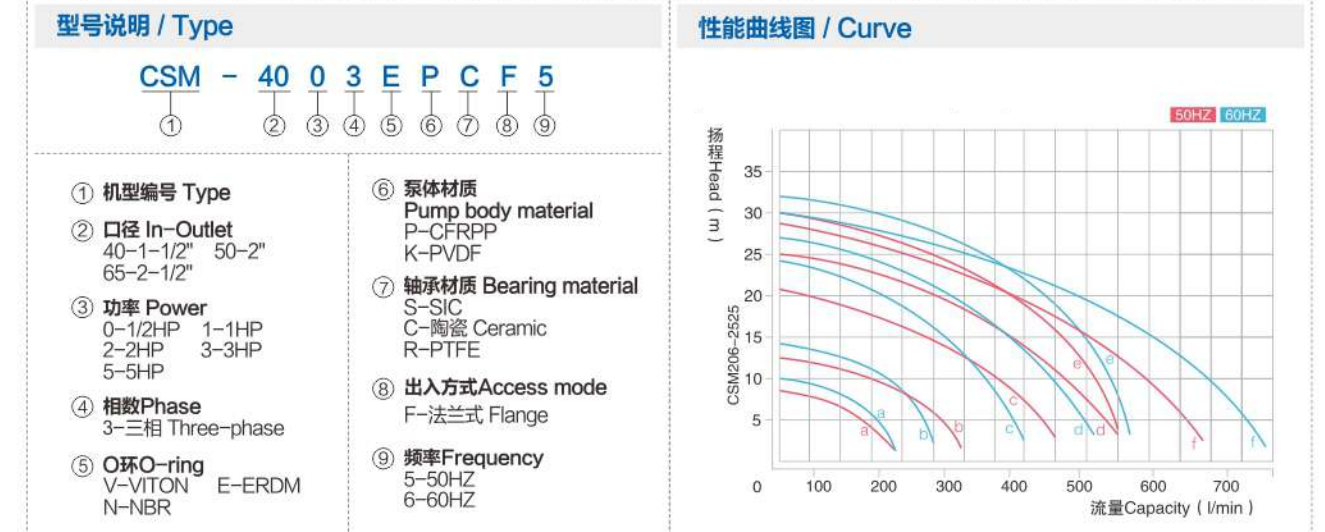
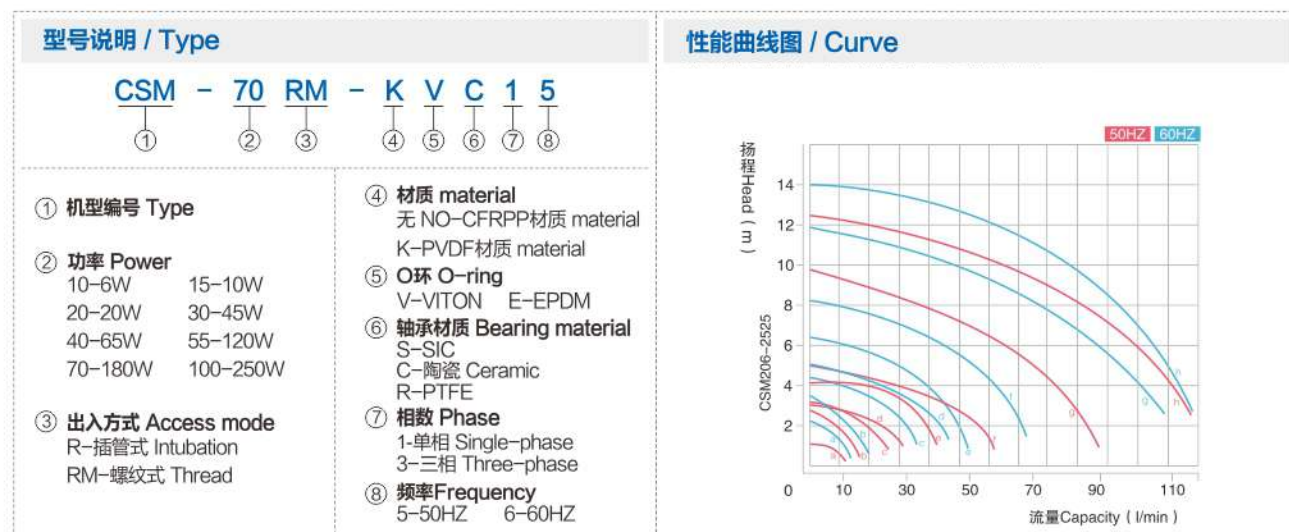
CX 180W-250W | CX型耐酸碱磁力泵浦 Magnetic Pump



CSM 10RM-100RM | CSM型耐酸碱磁力泵浦 Magnetic Pump



CSM 1/2-5HP | CSM型耐酸碱磁力泵浦 Magnetic Pump



特点及优点 / Features and Benefits

- ◆ 无泄漏: 无轴封结构并不像传统离心式泵浦, 驱动磁铁与被动磁铁之间被耐腐蚀性强的后盖隔开, 可避免泄漏、污染、腐蚀等问题发生。
- ◆ 抗腐蚀: 泵体采用欧洲原料, 抗腐超强, 可根据输送之药液可选择CFRPP和PVDF两种泵体材质。泵浦轴心材质有陶瓷及SIC, 其中陶瓷可用于一般低腐蚀性液体, SIC可抗高腐蚀性液体。
- ◆ 耐久性能高: 由泵浦流体力学设计软件计算了同最佳流道几何, 将流损降至最低, 提高叶轮流效率。
- ◆ 易于装配: 泵浦内部零件规格化, 装配简易, 拆卸, 检查, 保养非常容易完成, 方便又省时。
- ◆ Zero leakage: Unlike the conventional centrifugal pump, the sealless design on the magnetic drive pump has a corrosion-resistant rear casing that separates the drive magnet and the magnet capsule. This may avoid liquid leakage, pollution or corrosion problems.
- ◆ Corrosion resisting: The pump body is made of raw material from Europe, stronger corrosion-resistant. You can choose CFRPP or PVDF depending on what kind of chemical liquid you send. The pump spindle can be made from ceramic and SIC. The ceramic spindle is generally applied for low corrosion. The SIC spindle is excellent for high corrosion liquid.
- ◆ Maximum Durability: The geometry of impeller and casing are fine tuned by professional hydraulic program to reduce hydraulic loss and increase pump efficiency.
- ◆ Easy to Assemble: The parts are standard, easy to assembling, checking, maintaining, more convenient and saving more time.

型号参数 / Model parameter

(测试介质:水 比重:1.0) Test: Water

项目 Item	进出口口径 In-Outlet (Inch)	功率 Power (W)	曲线 Curve (红Red)	50HZ 全扬程 Max Head (m)	全流量 Max Flow (l/min)	曲线 Curve (蓝Blue)	60HZ 全扬程 Max Head (m)	全流量 Max Flow (l/min)	重量 Weight (kg)
型号 Type									
CSM-10R	14*14	6	a	1.5	11	a	2.1	12	3
CSM-15R(M)	14*14	10	b	2.7	16	b	3.4	19	3
CSM-20R(M)	3/4"	20	c	3.1	27	c	4.3	32	4
CSM-30R(M)	3/4"	45	d	3.5	30	d	5	37	5
CSM-40R(M)	3/4"	65	e	4.2	43	e	6.3	50	5
CSM-55R(M)	1"	120	f	5.6	60	f	8.2	70	9
CSM-70R(M)	1"	180	g	10	90	g	12	110	9
CSM-100R(M)	1"	250	h	12.5	120	h	14	120	10

特点及优点 / Features and Benefits

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型号参数 / Model parameter

(测试介质:水 比重:1.0) Test: Water

项目 Item	进出口口径 In-Outlet (Inch)	功率 Power	曲线 Curve (红Red)	50HZ 全扬程 Max Head (m)	全流量 Max Flow (l/min)	曲线 Curve (蓝Blue)	60HZ 全扬程 Max Head (m)	全流量 Max Flow (l/min)	重量 Weight (kg)
型号 Type									
CSM-400	1-1/2"	1/2HP	a	9.5	240	a	10	240	16
CSM-401	1-1/2"	1HP	b	12	340	b	14.5	300	23
CSM-402	2**1-1/2"	2HP	c	23	480	c	24.5	420	28
CSM-403	2**1-1/2"	3HP	d	25	550	d	27	520	30
CSM-405	2**1-1/2"	5HP	e	30	550	e	32	560	42
CSM-505	2-1/2**2"	5HP	f	28	680	f	30	750	45

HD 1-5HP | HD型同轴自吸式耐酸碱卧式泵浦 Horizontal Centrifugal Pump

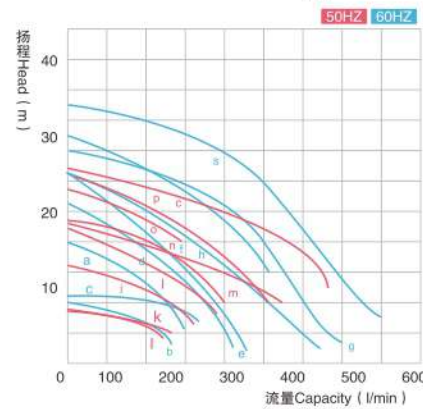


型号说明 / Type

HD - 40 02 2 N B L C C S
① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩

- ① 机型编号 Type
HD-FRPP材质 material
HDK-PVDF材质 material
- ② 口径 In-Outlet
40-1-1/2" 50-2"
- ③ 马力 Power
01-1HP 02-2HP
03-3HP 05-5HP
- ④ 极数 Pole
2-2P 4-4P
- ⑤ 橡胶材质 Rubber material
V-VITON E-EPDM
N-NBR
- ⑥ B-无舌单向阀
No tongue check valve
A-有舌单向阀
Tongue check valve
- ⑦ L-低扬程 Low head
H-高扬程 High head
- ⑧ 固定环
C-陶瓷 Ceramic S-SIC
- ⑨ 转动环 Rotating ring
C-碳素 Carbon S-SIC
- ⑩ 弹簧 Spring
H-HASTELLOY-C
S-SUS316

性能曲线图 / Curve



特点及优点 / Features and Benefits

- ◆ 特殊的自吸式设计，自吸力强，自吸可达20ft。
- ◆ 泵浦依化学性需求选用不同塑料，有FRPP, PVDF。
- ◆ 最高流体温度: FRPP80°C(176°F), PVDF90°C(194°F)
- ◆ 采用不锈钢316加工制造的马达延长轴心连接到标准马达上，一个Teflon轴套套在该轴心上，该轴心组合与抽送的化学药水或溶液之间就不会有药水的接触。
- ◆ 轴封是以泵中抽送的溶液来做冷却，而且就泵罩壳的设计来看，机械轴封永远浸在溶液中，因此当泵停机时，轴封周遭的结晶就无法形成。
- ◆ 泵出入口依型号及规格有标准的1-1/2", 2"或3" 等法兰接头。
- ◆ 高效率，低操作成本，不泄漏，易于维护。
- ◆ 耐腐蚀性优良。
- ◆ 最大可靠度的独立止推轴承。
- ◆ 流体比重可达1.8。
- ◆ Special self priming design, stronger self indraw to 20ft.
- ◆ FRPP, PVDF material depending on what kind of sending chemical liquid.
- ◆ Max. fluid temperature: FRPP80°C(176°F), PVDF90°C(194°F)。
- ◆ The motor shaft extension is coupled to a standard motor and is made of SUS316, a Teflon sleeve is installed over the shaft, there is no solution contact between the shaft assembly and the chemicals or solution being pumped.
- ◆ The seal is cooled by the solution in the pump which running, by the design of the pump housing, the mechanical seal is always submerged is solution, so crystals cannot be formed around the seal when the pump is turned off.
- ◆ The pump connections are standard 1-1/2", 2", or 3" flange connections depending on model and size.
- ◆ High efficiency-low operation cost, leak-free operation and easy maintenance.
- ◆ Excellent chemical resistance.
- ◆ Independent thrust bearings for maximum reliability.
- ◆ Fluid specific gravity up to 1.8.

型号参数 / Model parameter

(测试介质:水 比重:1.0) Test: Water

项目 Item	进出口口径 In-Outlet (mm)	相数 Phase	功率 Power (HP)	极数 Pole	曲线 Curve (红Red)	50HZ 全扬程 Max Head (m)	全流量 Max Flow (l/min)	曲线 Curve (蓝Blue)	60HZ 全扬程 Max Head (m)	全流量 Max Flow (l/min)	重量 Weight (kg)
HD-40011L	40*40	1	1/2	4	l	7	185	b	8	200	25
HD-40013L	40*40	3	1/2	4	l	7	185	b	8	200	25
HD-40012L	40*40	3	1	2	l	13	240	a	16	240	27
HD-40014L	40*40	3	1	4	k	7	210	c	9	270	29
HD-40022L	40*40	3	2	2	l	18	280	d	21	300	36
HD-40022H	40*40	3	2	2	m	19	300	e	25	330	36
HD-40032H	40*40	3	3	2	p	25	380	h	28	400	40
HD-50032L	50*50	3	3	2	n	21	410	f	25	430	41
HD-50032H	50*50	3	3	2	o	23	390	g	30	480	41
HD-50052H	50*50	3	5	2	t	26	450	s	34	550	67/43

HD 5-10HP | HD型同轴自吸式耐酸碱卧式泵浦 Horizontal Centrifugal Pump

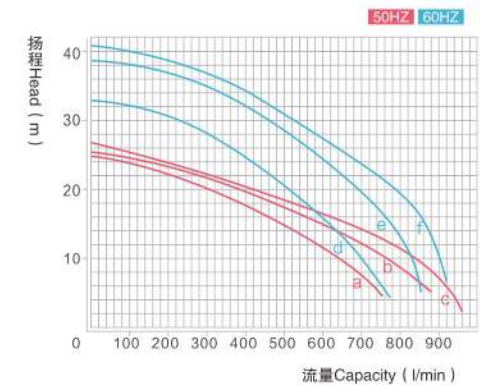


型号说明 / Type

HD - 75 07 2 E B L C C S 5
① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩ ⑪

- ① 机型编号 Type
HD-FRPP材质 material
HDK-PVDF材质 material
- ② 口径 In-Outlet
75-3"
- ③ 马力 Power
05-5HP 07-7.5HP
10-10HP
- ④ 极数 Pole
2-2P 4-4P
- ⑤ 橡胶材质 Rubber material
V-VITON E-EPDM
N-NBR
- ⑥ B-无舌单向阀
No tongue check valve
A-有舌单向阀
Tongue check valve
- ⑦ L-低扬程 Low head
- ⑧ 固定环
C-陶瓷 Ceramic S-SIC
- ⑨ 转动环 Rotating ring
C-碳素 Carbon S-SIC
- ⑩ 弹簧 Spring
H-HASTELLOY-C
S-SUS316
- ⑪ 频率 Frequency
5-50Hz 6-60Hz

性能曲线图 / Curve



特点及优点 / Features and Benefits

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- ◆ 采用不锈钢316加工制造的马达延长轴心连接到标准马达上，一个Teflon轴套套在该轴心上，该轴心组合与抽送的化学药水或溶液之间就不会有药水的接触。
- ◆ 轴封是以泵中抽送的溶液来做冷却，而且就泵罩壳的设计来看，机械轴封永远浸在溶液中，因此当泵停机时，轴封周遭的结晶就无法形成。
- ◆ 高效率，低操作成本，不泄漏，易于维护。
- ◆ 耐腐蚀性优良。
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- ◆ Fluid specific gravity up to 1.8.

型号参数 / Model parameter

(测试介质:水 比重:1.0) Test: Water

项目 Item	进出口口径 In-Outlet (mm)	功率 Power (HP)	相数 Phase	曲线 Curve (红Red)	50HZ 全扬程 Max Head (m)	全流量 Max Flow (l/min)	曲线 Curve (蓝Blue)	60HZ 全扬程 Max Head (m)	全流量 Max Flow (l/min)	重量 Weight (kg)
HD-75052	75*75	5	3 φ	a	26	750	d	33	750	84
HD-75072	75*75	7.5	3 φ	b	27	900	e	39	840	120
HD-75102	75*75	10	3 φ	c	28	960	f	41	910	125

TS 1/2-10HP | TS型不锈钢同轴离心式泵浦 SUS Horizontal Centrifugal Pump

主要用途 / Typical applications

纯水业，表面处理业，食品业，化工业使用
Suitable for water recirculation, plating solutions,
food and chemical industry.



CV 1/2-10HP | CV型不锈钢耐酸碱立式泵浦 SUS Vertical Pump

主要用途 / Typical applications

纯水业，表面处理业，食品业，化工业使用
Suitable for water recirculation, plating solutions,
food and chemical industry.



型号说明 / Type

TS - 40 2 - C 4 V - 5
① ② ③ ④ ⑤ ⑥ ⑦

① 机型编号 Type

② 口径 In-Outlet

内牙式 Internal tooth
25-1" 40-1-1/2"
50-2" 65-2-1/2"
75-3"

③ 马力 Power

0.5-1/2HP 1-1HP
2-2HP 3-3HP
5-5HP 7.5-7.5HP
10-10HP

④ 轴封材质 Seal material

T-钨钢(碱性用)
Tungsten steel (with alkaline)
C-陶瓷(酸碱皆可)
Ceramic (acid base can be)

⑤ 泵体材质

Pump body material
4-SUS304
6-SUS316

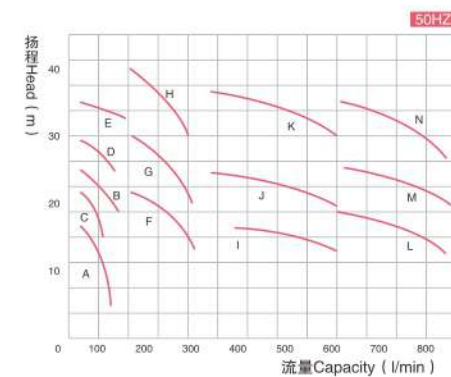
⑥ 橡胶材质 Rubber material

N-NBR V-VITON E-EPDM

⑦ 频率 Frequency

5-50HZ
6-60HZ

性能曲线图 / Curve



型号说明 / Type

CV - 50 VK 5 5 V S6
① ② ③ ④ ⑤ ⑥ ⑦

① 机型编号 Type

② 口径 In-Outlet

内牙式 Internal tooth
25-1" 40-1.5"
50-2" 65-2.5"

③ 比重 Gravity

VK-1.1 VP-1.4

④ 马力 Power

1/2-1/2HP 1-1HP
2-2HP 3-3HP
5-5HP

⑤ 频率 Frequency

5-50HZ 6-60HZ

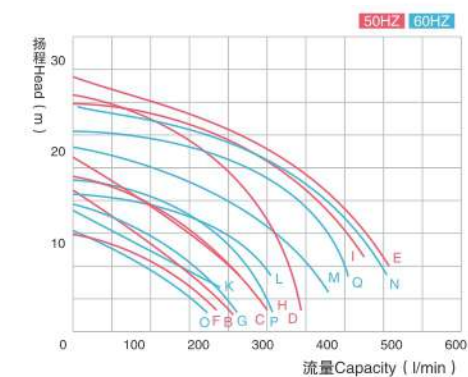
⑥ O环 O-ring

E-EPDM V-VITON

⑦ 泵体材质

Pump body material
S4-SUS304
S6-SUS316
T-钛 Titanium

性能曲线图 / Curve



特点及优点 / Features and Benefits

- 材质采用不锈钢316/304精密铸造成型，无砂孔问题，叶轮效率高。
- 叶轮经动力平衡校正，低噪音，振动率低。
- 适合各种碱液，微酸液循环使用，耐高温。
- Cast 316/304 stainless steel pump, fine surface, high performance impeller.
- Balance calibrated impeller, low noise, low vibration. Suitable for all kinds of alkaline, week acid circulation.
- High temperature applications.

型号参数 / Model parameter

(测试介质:水 比重:1.0) Test: Water

项目 Item	进出口口径 In-Outlet (Inch)	功率 Power (HP)	曲线 Curve (红Red)	50HZ 全扬程 Max Head (m)	全流量 Max Flow (l/min)	重量 Weight (kg)
型号 Type						
TS-25-05	1"	1/2	A	14	95	23
TS-25-1	1"	1	B	14	150	23
TS-40-1	1-1/2"	1	C	10	330	23
TS-40-2	1-1/2"	2	D	17	350	33
TS-40-3	1-1/2"	3	E	26	400	35
TS-50-2	2"	2	F	16	350	35
TS-50-3	2"	3	G	22	530	40
TS-50-5	2"	5	H	43	320	65
TS-65-3	2-1/2"	3	I	19	620	43
TS-65-5	2-1/2"	5	J	21	840	65
TS-65-7.5	2-1/2"	7.5	K	34	630	90
TS-75-5	3"	5	L	19	680	65
TS-75-7.5	3"	7.5	M	34	740	90
TS-75-10	3"	10	N	37	800	95

特点及优点 / Features and Benefits

- 材质采用不锈钢316/304精密铸造成型，无砂孔问题，叶轮效率高。
- 无轴封设计，绝不因空运转而损坏，设计有防止酸气进入轴承之密封圈。
- 叶轮经动力平衡校正，低噪音，振动率低。
- 泵浦体积小，适合槽内槽外设计使用。
- 马达前后托架有油封设计，防止酸气进入。
- 适合各种碱液，微酸液循环使用，耐高温。
- Cast 316/304 stainless steel pump, fine surface, high performance impeller.
- Seal-less, dry-running without damage. Shaft seal prevents corrosive vapors from entering the bearing.
- Balance calibrated impeller, low noise, low vibration.
- Impact size, ideal for in tank applications.
- Both flanges of motor have shaft seals to prevent acid vapor from entering the motor.
- Suitable for all kinds of alkaline, week acid circulation, high temperature applications.

型号参数 / Model parameter

(测试介质:水 比重:1.0) Test: Water

项目 Item	进出口口径 In-Outlet (mm)	功率 Power (HP)	相数 Phase	曲线 Curve (红Red)	50HZ 全扬程 Max Head (m)	全流量 Max Flow (l/min)	曲线 Curve (蓝Blue)	60HZ 全扬程 Max Head (m)	全流量 Max Flow (l/min)	重量 Weight (kg)
型号 Type										
CV-25VK-1/2	25*25	1/2	3 φ	K	13	95	B	12.5	105	29
CV-40VK-1	40*40	1	3 φ	K	10	310	B	10	300	33
CV-40VK-2	40*40	2	3 φ	L	14.5	350	C	17.5	350	46
CV-50VK-3	50*50	3	3 φ	M	19.5	540	D	20.5	540	50
CV-50VK-5	50*50	5	3 φ	N	22	600	E	31	580	74
CV-65VK-7.5	80*65	7.5	3 φ	N	22	860	E	28	800	105
CV-65VK-10	80*65	10	3 φ	N	22	860	E	31	1050	110
CV-40VP-1	40*40	1	3 φ	O	9	280	F	8	260	33
CV-40VP-2	40*40	2	3 φ	G	14.5	340	G	15	325	46
CV-50VP-3	50*50	3	3 φ	P	17	500	H	17	500	50
CV-50VP-5	50*50	5	3 φ	Q	22	600	I	23	540	74

HFG TYPE

化学药液精密过滤机 Self-priming magnetic drive filter

—— 更环保，更精密，零泄漏，更安全 ——
More environmentally friendly, more precise, zero leakage, safer



化工制程精密过滤
CHEMICAL PROCESS PRECISION FILTRATION



HFG 201-318 | HFG型化学药液精密过滤机 Chemical Filter



主要用途 / Typical applications

化学药水或清水循环，PCB制程药水循环，各种电镀药水循环，各种酸碱液输送。
Chemical or water recirculation, PCB plating solution,
Various plating solutions recirculation, Deliver acids, alkali liquid.

型号说明 / Type

HFG - 206 1 P P F E B J
① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨

① 机型编号 Type

② 201-20"X1Pcs
202-20"X2Pcs
104-10"X4Pcs
204-20"X4Pcs
206-20"X6Pcs
208-20"X8Pcs
212-20"X12Pcs
218-20"X18Pcs
318-30"X18Pcs

③ 配泵功率 Pump power

0-1/2HP 1-1HP
2-2HP 3-3HP
5-5HP

④ 配泵泵体材质 Pump body material

P-FRPP K-PVDF

⑤ 滤桶材质 Filter barrel material

P-FRPP K-PVDF

⑥ 出入口方式 In-Outlet

F-法兰式 Flange

⑦ 橡胶材质 Rubber material

N-NBR E-EPDM
V-VITON

⑧ 滤材型式 Filter type

B-滤芯锁帽式 Filter nut
P-滤纸式 Filter paper
U-滤袋式 Filter bag

⑨ 出入口规格 In-Outlet

J-JIS (日规 JP)
D-DIN (德规 Germany)
A-ANSI (美规 American Standard)

特点及优点 / Features and Benefits

- ◆ 过滤机以射出一体成型PP材料制成，组装维修容易。
- ◆ 泵浦采用无轴封磁力泵设计，绝无泄漏之虑。
- ◆ 根据电镀种类的不同，适用于镀槽容量1000至25000升槽液过滤。
- ◆ 操作温度可达70℃。
- ◆ 根据不同需要，可选用滤芯锁帽、滤芯压板式、滤纸式滤材设计，过滤精度高。
- ◆ Most filter parts are molded by polypropylene. Easy to assemble and maintain.
- ◆ Seal-less magnetic pump eliminates leakage of pump.
- ◆ For plating tanks from 1000 to approximately 25000 liters.
- ◆ Operating temperature to 70℃.
- ◆ Can be supplied with cartridge plate fixture, strainer plate fixture, star cloth bag, cartridge nut, paper.

型号参数 / Model parameter

型号 Type	滤芯数 Cartridge	过滤流量(l/min) Capacity	配泵功率 Pump power		进出口径(mm) In-Outlet	最高适用温度(℃) Maximum applicable temperature	最大工作压力(kg/cm ²) Maximum working pressure
			KW	HP			
HFG-201	20"X1	30	0.065	1/8	20X20	70	0.8
HFG-202	20"X2	60	0.18	1/4	25X25	70	0.8
HFG-104	10"X4	60	0.18	1/4	25X25	70	0.8
HFG-204	20"X4	80	0.25	1/3	25X25	70	2
HFG-206	20"X6	150	0.37	1/2	40X40	70	2
HFG-208	20"X8	210	0.75	1	40X40	70	3
HFG-212	20"X12	320	1.5	2	50X40	70	4.5
HFG-218	20"X18	480	2.2	3	50X50	70	5
HFG-318	30"X18	520	3.75	5	65X50	70	5

HF 206-318 | HF型化学药液过滤机 Chemical Filter

主要用途 / Typical applications

化学药水或清水循环, PCB制程药水循环, 各种电镀药水循环, 各种酸碱液输送。
Chemical or water recirculation, PCB plating solution,
Various plating solutions recirculation, Deliver acids、alkali liquid.



型号说明 / Type

HF - 206 1 P P F E B O J X
① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩ ⑪

① 机型编号 Type

② 206-20"X6Pcs
208-20"X8Pcs
212-20"X12Pcs
218-20"X18Pcs
318-30"X18Pcs

③ 配泵马力 Pump power

0-1/2HP 1-1HP
2-2HP 3-3HP

④ 配泵泵体材质

Pump body material
P-FRPP K-PVDF

⑤ 滤桶材质

Filter barrel material
P-FRPP K-PVDF

⑥ 出入口方式 In-Outlet

F-法兰式 Flange

⑦ 橡胶材质 Rubber material

N-NBR E-EPDM V-VITON

⑧ 滤材型式 Filter type

B-滤芯锁帽式 Filter nut
P-滤纸式 Filter paper
K-杨桃式 Star cloth bag
U-滤袋式 Filter bag

⑨ 活性炭装置

Activated carbon device
W-加装Retrofit
O-不加装No extra

⑩ 出入口规格 In-Outlet

J-JIS (日规JP)
D-DIN (德规Germany)
A-ANS (美规American Standard)

⑪ 加装自清回路

Install self-cleaning circuit
X-加装 Retrofit
无-不加装 No extra

特点及优点 / Features and Benefits

- ◆ 过滤机以射出一体成型PP材料制成, 组装维修容易。
- ◆ 泵浦采用无轴封磁力泵设计, 绝无泄漏之虑。
- ◆ 根据电镀种类的不同, 适用于镀槽容量6000至25000升槽液过滤。
- ◆ 操作温度可达70℃。
- ◆ 根据不同需要, 可选用滤心锁帽、滤心压板式、杨桃式、滤纸式滤材设计, 过滤精度高。
- ◆ Most filter parts are molded by polypropylene. Easy to assemble and maintain.
- ◆ Seal-less magnetic pump eliminates leakage of pump.
- ◆ For plating tanks from 6000 to approximately 25000 liters.
- ◆ Operating temperature to 70℃.
- ◆ Can be supplied with cartridge plate fixture, strainer plate fixture, star cloth bag, cartridge nut, paper.

型号参数 / Model parameter

项目 Item	206	208-1	208-2	212	218	318
型号 Type						
适合电镀槽(t) Tank volume(ton)	1-2	1-3	1.5-3	2.5-4	4-6.5	6.5-7.5
过滤量(l/min) Capacity	150	180	220	220	330-500	400-600
进出口径(寸) In-Outlet(inch)	1-1/2"	1-1/2"	1-1/2"	1-1/2"	2"	2"
滤材 Filtration method	滤芯数(支) Cartridge(Pcs)	20"X6	20"X8	20"X8	20"X12	20"X18
	过滤面积 Filtration area(m ²)	1.5	2	2	3	4.5
	滤管数(支) Filtration pipe(Pcs)	20"X6	20"X8	20"X8	20"X12	20"X18
	过滤面积 Filtration area(m ²)	0.7	0.9	0.9	1.3	2
	滤纸数(片) Filtration paper(Pcs)	φ 198X48	φ 234X48	φ 234X48	φ 302X40	φ 370X40
	过滤面积 Filtration area(m ²)	1.5	2.2	2.2	3.6	5.4
温度范围(℃) Temperature range	70	70	70	70	70	70
配泵功率(HP) Pump power	1/2-1	1	2	2	3-5	3-5

HF 101-204 | HF型化学药液过滤机 Chemical Filter

主要用途 / Typical applications

化学药水或清水循环, PCB制程药水循环, 各种电镀药水循环, 各种酸碱液输送。
Chemical or water recirculation, PCB plating solution,
Various plating solutions recirculation, Deliver acids、alkali liquid.



型号说明 / Type

HF - 104 P P U N B J
① ② ③ ④ ⑤ ⑥ ⑦ ⑧

① 机型编号 Type

② 101-10"X1Pcs
102-10"X2Pcs
201-20"X1Pcs
202-20"X2Pcs
104-10"X4Pcs
204-20"X4Pcs

③ 配泵泵体材质

Pump body material
P-FRPP K-PVDF

④ 滤桶材质

Filter barrel material
P-FRPP K-PVDF

⑤ 出入口方式 In-Outlet

U-由任式 Union

⑥ 橡胶材质 Rubber material

N-NBR E-EPDM
V-VITON

⑦ 滤材型式 Filter type

B-滤芯锁帽式 Filter nut

⑧ 出入口规格 In-Outlet

J-JIS (日规JP)
D-DIN (德规Germany)
A-ANS (美规American Standard)

特点及优点 / Features and Benefits

- ◆ 过滤机以射出一体成型PP材料制成, 组装维修容易。
- ◆ 泵浦采用无轴封磁力泵设计, 绝无泄漏之虑。
- ◆ 根据电镀种类的不同, 适用于镀槽容量1000至6000升槽液过滤。
- ◆ 操作温度可达70℃。
- ◆ Most filter parts are molded by polypropylene. Easy to assemble and maintain.
- ◆ Seal-less magnetic pump eliminates leakage of pump.
- ◆ For plating tanks from 1000 to approximately 6000 liters.
- ◆ Operating temperature to 70℃.

型号参数 / Model parameter

项目 Item	101	102	201	104	202	204
型号 Type						
适合电镀槽(t) Tank volume(ton)	0.2	0.4	0.4	06	06	0.8
过滤量(l/min) Capacity	15	30	30	60	60	80
进出口径(寸) In-Outlet(inch)	3/4"	3/4"	3/4"	1"	1"	1"
滤材 Filtration method	滤芯数(支) Cartridge(Pcs)	10"X1	10"X2	20"X1	10"X4	20"X2
	过滤面积 Filtration area(m ²)	0.125	0.25	0.25	0.5	0.5
	滤纸数(片) Filtration paper(Pcs)	/	/	/	φ 124X25	/
	过滤面积 Filtration area(m ²)	/	/	/	0.3	/
温度范围(℃) Temperature range	70	70	70	70	70	70
配泵功率(W) Pump power	45	65	65	150/260	150/180	150/260
机体重量(kg) Weight	15	17.5	17	28	24	30

HFI 101-104 | HFI型槽内式化学药液过滤机 In-tank Chemical Filter

主要用途 / Typical applications

专为连续电镀、贵金属电镀过滤设计。
Specially designed for filtration of continuously plating, noble metal plating.



型号说明 / Type

HFI - 101 8 P P U N B J
① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨

① 机型编号 Type

② 101-10"X1Pcs
102-10"X2Pcs
103-10"X3Pcs
104-10"X4Pcs

③ 配泵功率 Pump power
0-1/15HP 6-1/6HP
4-1/4HP 3-1/3HP
2-1/2HP

④ 配泵泵体材质
Pump body material
P-FRPP K-PVDF

⑤ 滤桶材质
Filter barrel material
P-FRPP K-PVDF

⑥ 出口方式 Outlet
U-由任式弯管 Union
S-内牙不弯管 Innertooth

⑦ 橡胶材质 Rubber material
N-N BR E-EPDM
V-VITON

⑧ 滤材型式 Filter type
B-滤芯锁帽式
Filter nut

⑨ 出入口规格 In-Outlet
J-JIS (日规JP)
D-DIN (德规Germany)
A-ANS (美规American Standard)

特点及优点 / Features and Benefits

- ◆ 采用PP实板精制而成，耐酸碱，性能优。
- ◆ 泵浦采用化式立式泵设计，可耐空转。
- ◆ 设计精巧，置槽内使用，绝无泄漏之虑。
- ◆ 滤芯式设计，高精度，操作简单，容易清洗。
- ◆ 操作温度可达70℃。
- ◆ Most filter parts are molded by polypropylene. Corrosion protection and high efficiency.
- ◆ With chemical vertical pump, can be dry-running.
- ◆ Pretty size can used for in-tank, zero leakage.
- ◆ cartridge nut designed, easy to maintain, easy to clean.
- ◆ Operating temperature to 70℃.

型号参数 / Model parameter

项目 Item	配泵功率(HP) Pump power	出口口径(寸) Outlet(Inch)	滤芯长度(寸) Cartridge length (Inch)	滤芯数(支) Cartridge(Pcs)	过滤量(l/min) Capacity
型号 Type					
HFI-101	1/15	1/2"	10"	1	15
HFI-101	1/8	1/2"	10"	1	15
HFI-102	1/4	3/4"	10"	2	30
HFI-103	1/3	1"	10"	3	50
HFI-104	1/3	1"	10"	4	60
HFI-104	1/2	1"	10"	4	80

HFV 104-218 | HFV型化学镀药液过滤机 Chemical Filter

主要用途 / Typical applications

专为化学镀，镍，金，银，铜等槽液过滤而设计。
Designed for the filtration of chemical plating,
nickel, gold, silver, copper.



型号说明 / Type

HFV - 104 1/3 - P P U N B J
① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨

① 机型编号 Type

② 104-10"X4Pcs
204-20"X4Pcs
206-20"X6Pcs
208-20"X8Pcs
212-20"X12Pcs
218-20"X18Pcs

③ 配泵功率 Pump power
1/3-1/3HP 1/2-1/2HP
1-1HP 2-2HP
3-3HP

④ 配泵泵体材质
Pump body material
P-FRPP K-PVDF

⑤ 滤桶材质
Filter barrel material
P-FRPP K-PVDF

⑥ 出入口方式 In-Outlet
U-由任式 Union
F-法兰式 Flange

⑦ 橡胶材质 Rubber material
N-NBR E-EPDM
V-VITON

⑧ 滤材型式 Filter type
B-滤芯锁帽式 Filter nut
U-滤袋式 Filter bag

⑨ 出入口规格 In-Outlet
J-JIS (日规JP)
D-DIN (德规Germany)
A-ANS (美规American Standard)

特点及优点 / Features and Benefits

- ◆ 过滤机以射出一体成型PP/PVDF材料制成，组装维修容易。
- ◆ 泵浦采用化式立式泵设计，可耐空转。
- ◆ 滤芯式设计，高精度，操作简单，容易清洗。
- ◆ 操作温度可达70℃-90℃。
- ◆ Most filter parts are molded by polypropylene. Easy to assemble and maintain.
- ◆ With chemical vertical pump, can be dry-running.
- ◆ Cartridge nut, cartridge bay designed, easy to maintain, easy to clean.
- ◆ Operating temperature to 70℃-90℃.

型号参数 / Model parameter

项目 Item	104	204	206	208	212	218
型号 Type						
适合电镀槽(t) Tank volume(ton)	0.6	0.8	1-2	1.5-3	2.5-4	4-6.5
过滤量(l/min) Capacity	60	80	150	220	250	330
进出口口径(寸) In-Outlet(inch)	1"	1"	1-1/2"	1-1/2"	1-1/2"	2"
滤芯数(支) Cartridge(Pcs)	10"X4	20"X4	20"X6	20"X8	20"X12	20"X18
过滤面积(m²) Filtration area	0.5	1	1.5	2	3	4.5
温度范围(℃) Temperature range	70	70	70	70	70	70
配泵功率(HP) Pump power	1/3	1/2	1	2	2	3



HL 206-218 | HL型化学药液过滤器 Chemical Filter

主要用途 / Typical applications

化学药水或清水循环,PCB制程药水循环,各种电镀药水循环。
Chemical or water recirculation, PCB plating solution,
Various plating solutions recirculation.



型号说明 / Type

HL - 206 P F N B J S
① ② ③ ④ ⑤ ⑥ ⑦ ⑧

① 机型编号 Type

② 206-20"X6Pcs
208-20"X8Pcs
212-20"X12Pcs
218-20"X18Pcs
318-30"X18Pcs

③ 滤桶材质 Filter barrel material

P-FRPP
K-PVDF

④ 出入口方式 In-Outlet

F-法兰式 Flange

⑤ 橡胶材质 Rubber material

N-NBR E-EPDM
V-VTON

⑥ 滤材型式 Filter type

B-滤心锁帽式 Filter nut
U-滤袋式 Filter bag
P-滤纸式 Filter paper

⑦ 出入口规格 In-Outlet

J-JIS (日规JP)
D-DIN (德规Germany)
A-ANS (美规American Standard)

⑧ 扣环组材质 Buckle group material

无/S-SU304
T-钛 Titanium

特点及优点 / Features and Benefits

- 过滤器以射出一体成型PP材料制成, 组装维修容易。
- 根据电镀种类的不同, 适用于镀槽容量6000至25000升槽液过滤。
- 操作温度可达70℃。
- 根据不同需要, 可选用滤心锁帽、滤心压板式、滤纸式滤材设计, 过滤精度高。
- Most filter parts are molded by polypropylene. Easy to assemble and maintain.
- For plating tanks from 6000 to approximately 25000 liters.
- Operating temperature to 70℃.
- Can be supplied with cartridge plate fixture, strainer plate fixture, star cloth bag, cartridge nut, paper.

型号参数 / Model parameter

项目 Item	206	208	212	218	318
适合电镀槽(t) Tank volume(ton)	1-2	1.5-3	2.5-4	4-6.5	6-7.5
过滤量(l/min) Capacity	150	180	220	330	430
进出口径(寸) In-Outlet(inch)	1-1/2"	1-1/2"	1-1/2"	2"	2"
滤芯数(支) Cartridge(Pcs)	20"X6	20"X8	20"X12	20"X18	30"X18
过滤面积(m²) Filtration area	1.5	2	3	4.5	6.7
温度范围(℃) Temperature range	70	70	70	70	70



HL 101-204 | HL型化学药液过滤器 Chemical Filter

主要用途 / Typical applications

化学药水或清水循环,PCB制程药水循环,各种电镀药水循环。
Chemical or water recirculation, PCB plating solution,
Various plating solutions recirculation.



型号说明 / Type

HL - 104 P F N B J S
① ② ③ ④ ⑤ ⑥ ⑦ ⑧

① 机型编号 Type

② 101-10"X1Pcs
102-10"X2Pcs
201-20"X1Pcs
202-20"X2Pcs
104-10"X4Pcs
204-20"X4Pcs

③ 滤桶材质 Filter barrel material

P-FRPP
K-PVDF

④ 出入口方式 In-Outlet

U-由任式 Union
H-插管式 Intubation

⑤ 橡胶材质 Rubber material

N-NBR E-EPDM
V-VTON

⑥ 滤材型式 Filter type

B-滤心锁帽式 Filter nut
U-滤袋式 Filter bag
P-滤纸式 Filter paper

⑦ 出入口规格 In-Outlet

J-JIS (日规JP)
D-DIN (德规Germany)
A-ANS (美规American Standard)

⑧ 扣环组材质 Buckle group material

无/S-SU304
T-钛 Titanium

特点及优点 / Features and Benefits

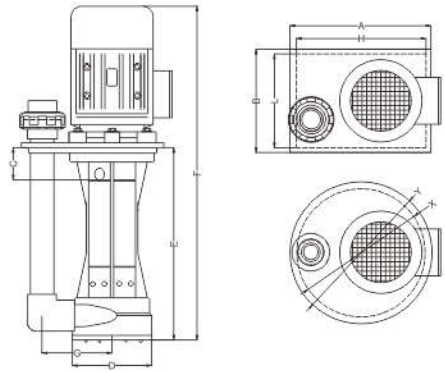
- 过滤器以射出一体成型PP材料制成, 组装维修容易。
- 根据电镀种类的不同, 适用于镀槽容量1000至6000升槽液过滤。
- 操作温度可达70℃。
- 根据不同需要, 可选用滤心锁帽、滤心压板式、滤纸式滤材设计, 过滤精度高。
- Most filter parts are molded by polypropylene. Easy to assemble and maintain.
- For plating tanks from 1000to approximately 6000 liters.
- Operating temperature to 70℃.
- Can be supplied with cartridge plate fixture, strainer plate fixture, star cloth bag, cartridge nut, paper.

型号参数 / Model parameter

项目 Item	101	102	201	104	202	204
适合电镀槽(t) Tank volume(ton)	0.2	0.4	0.4	0.6	0.6	0.8
过滤量(l/min) Capacity	15	30	30	60	60	80
进出口径(寸) In-Outlet(inch)	3/4"	3/4"	3/4"	1"	1"	1"
滤芯数(支) Cartridge(Pcs)	10"X1	10"X2	20"X1	10"X4	20"X2	20"X4
过滤面积(m²) Filtration area	0.125	0.25	0.25	0.5	0.5	1
温度范围(℃) Temperature range	70	70	70	70	70	70

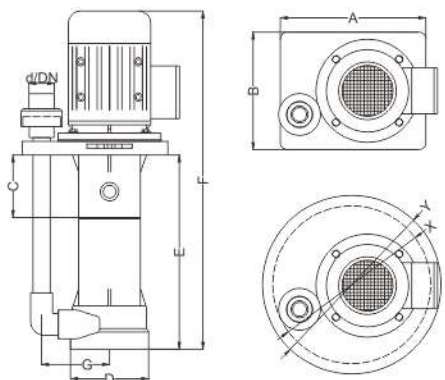
CS型立式泵尺寸图 Vertical Pump Size

CS型(3/4-3HP) 尺寸图 Size



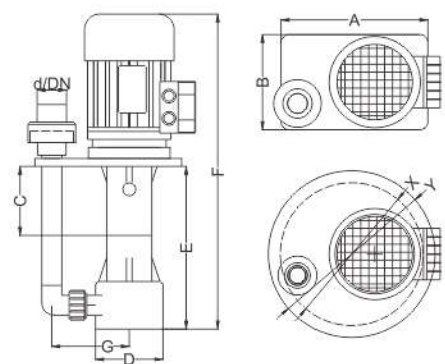
规格 Spec	尺寸/Size(mm)										
	A	B	C	D	E	F	G	H	L	Y	X
3/4HP	300	220	75	168	410	680	149	273	196	302	276
1HP	300	220	75	168	410	680	149	273	196	302	276
1.5HP	300	220	75	168	410	680	149	273	196	302	276
2HP	300	220	75	168	410	720	149	273	196	302	276
3HP	300	220	75	168	410	720	149	273	196	302	276

CS型(1/4-1/2HP) 尺寸图 Size



规格 Spec	尺寸/Size(mm)								
	A	B	C	D	E	F	G	Y	X
1/4HP	213	170	90	113	282	500	105	260	230
1/3HP	213	170	90	113	282	500	105	260	230
1/2HP	213	170	90	113	282	520	105	260	230

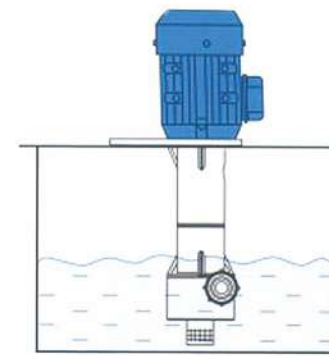
CS型(1/15-1/6HP) 尺寸图 Size



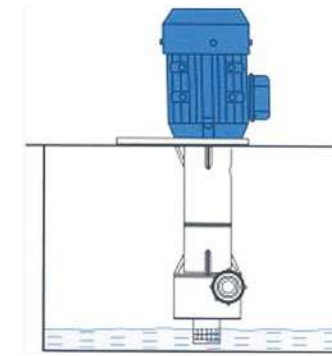
规格 Spec	尺寸/Size(mm)								
	A	B	C	D	E	F	G	Y	X
1/15HP	185	120	90	85	210	400	105	210	180
1/8HP	185	120	90	85	210	400	105	210	180
1/6HP	185	120	90	85	210	400	105	210	180

立式泵浦安装范例 Vertical Pump Installation Example

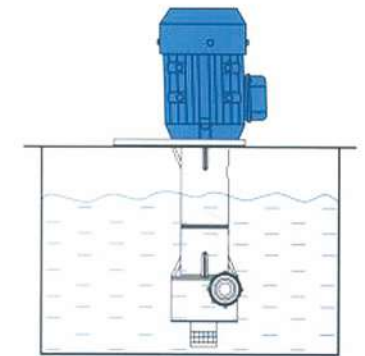
A. 最低启动水位
Lowest starting level



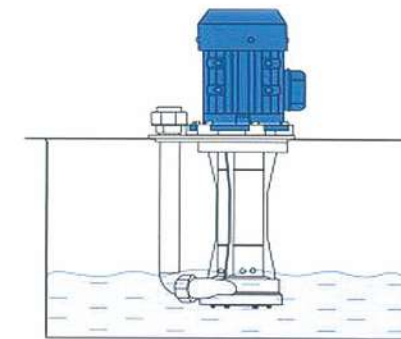
B. 最低运行水位
Minimum operating water level



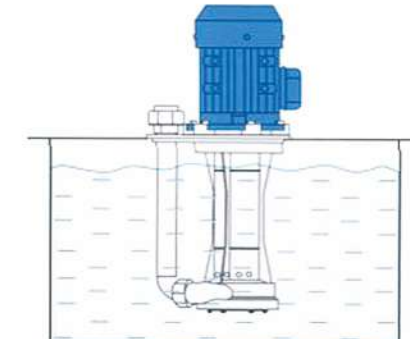
C. 最高运行水位
Maximum operating water level



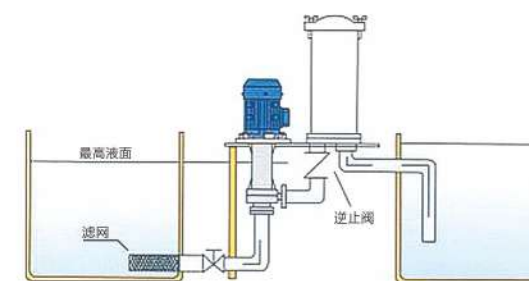
D. 最低启动/运行水位
Minimum start / run water level



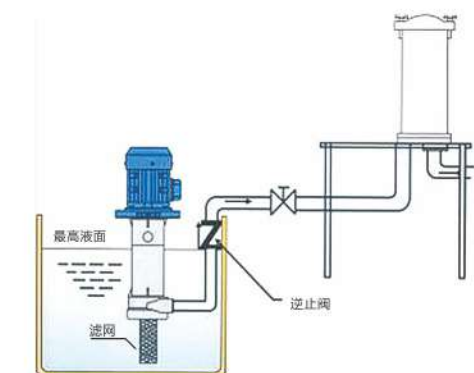
E. 最高运行水位
Maximum operating water level



F. 泵浦装置桶外，配合过滤器使用
Installed out-tank with filters

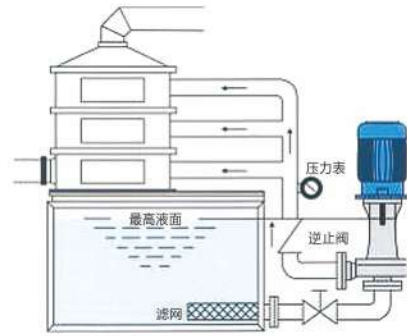


G. 泵浦装置槽内，配合过滤器使用
Installed in-tank with filters

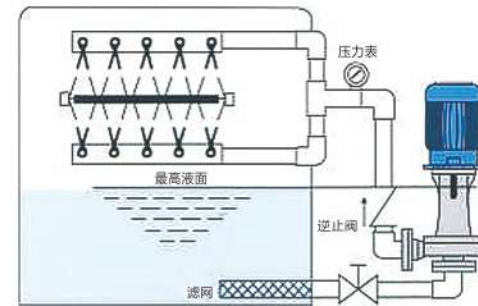


立式泵浦安装范例 Vertical pump installation example

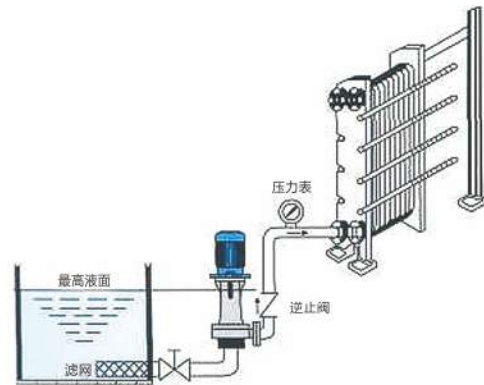
K. 废气洗涤塔循环泵浦
Pumping of waste gas washing tower



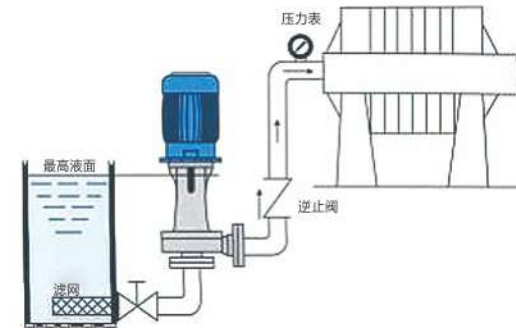
I.P.C. 板蚀刻机喷洗泵浦
I.P.C. plate etching machine



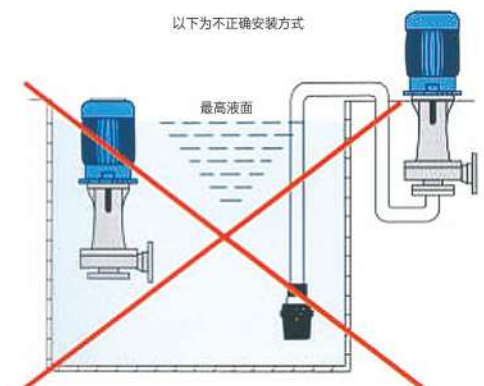
J. 热交换机循环泵浦
Heat exchange circulating pump



H. 反应槽或过滤压缩机泵浦
Reaction tank or filter pump



L. 注意(不正确安装方式)
Note(incorrect installation)



M. 注意事项
Note

- 出口配管高度，如有高过于马达以上或有逆压之情形时，请在泵浦出口处装置逆止阀，装置位置请勿超过最高液面线太高。
- 入口为安全起见，必须装置过滤阀以免吸入杂物损坏泵浦。
- 在特殊环境下使用时，如需安装防爆或耐压防腐之马达时，请与本公司技术人员商谈。
- 在含有化学气体之环境下使用时，必须选择特殊处理有防腐漆之马达。
- If the height of the outlet piping is higher than that of the motor or when there is back pressure, please install a check valve at the outlet of the water pump. The position of the device should not exceed the maximum liquid level.
- For safety reasons at the inlet, a filter valve must be installed to avoid damage to the pump by sucking in debris.
- When using in a special environment, if you need to install explosion-proof or pressure-proof and explosion-proof motors, please discuss with our company's technicians.
- When using in an environment containing chemical gases, you must choose a motor with a special treatment with anti-corrosion paint.

耐药性一览表 List Of Corrosion Resistance

药品名称 Drug name	浓度 Concentration	温度 Temperature	泵头材质 Pump head material			轴封材质 Seal material			橡胶材质 Rubber material		
	%	%	FRPP	CFRPP	PVDF	Ceramic	Carbon	Sic	NBR	EPDM	VITON
盐酸HCL	15	40	●	●	●	○	●	●		●	●
		60	●	●	●	●	●	●		●	●
		80	○	○	●	●	●	●		○	●
	32	40	●	●	●	●	●	●		○	○
		60	●	●	●	●	●	●			
		80	○	○	●	●	●	●			
双氧水H ₂ O ₂	10	40	●	●	●	●	×	●	×		●
		60	○	○	●	●	×	●	×		●
		80	×	×	●	●	×	●	×		●
磷酸H ₃ PO ₄	25	40	●	●	●	●	●	●	●	●	●
		60	●	●	●	●	●	●	○	●	●
		80	○	○	●	●	●	●		○	●
	50	40	●	●	●	●	●	●		●	●
		60	●	●	●	●	●	●		○	●
		80	○	○	●	○	●	●		○	●
次氯酸钠NaClO	10	40	○	○	●	●	○	●			●
		60	△	△	●	●	△	●			●
		80	×	△	●	●	×	●			●
醋酸CH ₃ COOH	25	40	●	●	●	●	●	●			×
		60	●	●	●	●	●	●			×
		80	○	○	●	○	●	●			×
氢氟酸HF	25	40	×	●	●	×	○	●		●	●
		60	×	○	●	×	○	●		●	●
		70	×	×	●	×	○	●		○	●
王水HCL +HNO ₃	3:1	40	×	×	●	●	×	●	×		○
		60	×	×	●	○	×	●	×		○
		80	×	×	●		×	●	×		●
铬酸CrO ₃	20	40			●	●					●
		60			●	●					●
		80			●	●					○
硫酸H ₂ SO ₄	30	40	●	●	●	●	●	●	●	●	●
		60	●	●	●	●	●	●		●	●
		80	●	●	●	●	●	●		○	●
		95			●	●	●	●			●
		40	●	●	●	●	●	●		●	●
	60	60	●	●	●	●	●	●		●	●
		80	○	○	●	●	●	●		○	●
		95			●	●		●			●
		40			●	●		●			●
氢氧化钠NaOH	98	60	○	○	○	×	●	●	●	●	△
		80	○	○	×	×	●	●	○	○	△
		40	●	●	●		●	●	●	●	●
氯化铁FeCl ₃	45	60	●	●	●		●	●	○	●	●
		80	●	●	●		●	●	●	●	●
		40	●	●	●	△	●	●	●		●
氰化铜Cu(CN) ₂		60	●	●	●	△	●	●	●		●
		80			●			●			
		40	●	●	●		●	●	●		●
氯化锌Zn Cl ₂		60	●	●	●	●	●	●	●		●
		40	●	●	●	●	●	●	●		●
硫酸镍NiSO ₄		60	●	●	●	●	●	●	●		●
		40	●	●	●	●	●	●	●		●
硝酸HNO ₃	20	40	●	●	●	●		●			●
		60	○	○	●	○		●			●
		80	○	○	●			●			●
	50	40	●	●	●		●				●
		60	○	○	●			●			●

● 优 Excellent ○ 良 Good △ 不良 Bad × 差 Worse