

ISO 9001:2000 認證

內轉式齒輪泵浦



誠信・專業・創新

Trustworthy · Professional · Creative



- 1.石油工業:重油、柴油、瀝青及各種潤滑油。
- 2.食品工業:糖漿、糖蜜、果漿、果汁、沙拉油、蕃茄醬、醬油、巧克力醬等。
- 3.染料、油漆、溶劑、塗料、T.D.I。
- 4.化學工業: 膠、糊、清潔劑、藥汁、樹脂、肥皂、D.O.P。

Internal Rotation Gear Pump (Purposes)

- 1. Petroleum Industry: heavy oil, diesel oil, asphalt and all kinds of lubricant.
- 2. Food Industry: syrup, molasses, fructose, juice, salad oil, tomato jam, soybean sauce, chocolate jam, etc.
- 3. Dyes: paint, solvent, coating, T.D.I.
- 4. Chemistry Industry: glue, paste, detergent, liquid medicine, resin, soap, D.O.P.

選用條件:

- 1.查明液體物性、粘度、比重、溫度等,以選配轉速,核算馬力機種。(參考曲線圖)
- 2.查明液化性,以便選定泵浦材質及機械軸封、填料等材質。
- 3.本泵浦防洩方式有 A.機械軸封 B.填料 二種。 前者適用於比重輕、濃度低之液體,可快速運轉者。 後者適用於液化性較強、濃度特別高之液體。視需要選擇使用。
- 4.機械軸封可分 Viton 及 N.B.R 二種, 視需要選用。
- 5.填料材質: A. 30%鐵氟龍+70%石棉迫緊 B.100%鐵氟龍迫緊 C.石墨迫緊 視需要選用。

Conditions for selection:

- 1. Check material property, stickiness, specific gravity, temperature of the liquid to select the speed of rotation, then calculate and choose motor machine. (See curve line figure)
- 2. Check liquefaction property of the liquid to choose pump material. Mechanical seal or filling can be adopted for use.
- 3. Impervious methods of the pump: (a) mechanical seal (b) filling.

 The former (mechanical seal) is suitable for the liquid with light specific gravity and low concentration that can be operated fast.
 - The latter (filling) is suitable for the liquid with strong liquefaction and high concentration. It depends on the necessity for choice and use.
- 4. Mechanical seal has two kinds of methods: Viton and N.B.R. It depends on the necessity for choice and use.
- 5. Filling materials:
 - (a) 30 % Teflon + 70 % asbestos
 - (b) 100% Teflon
 - (c) Graphite



性能表 PERFORMANCE TABLE

型式 TYPE 口		口徑	正常定律		推薦馬(黏度1003	達馬力 SSU液體)	最高容許	總重量	
F S 填料	F K K 機械軸封	BORE(")	出油量 L/min	轉速 (RPM)	壓 3.5kg/cm²	力 7kg/cm²	填 料	機械軸封	(Kg)
B05	A05	1/2"	15	1150	1/2	1	200	80	6
B06	A06	3/4"	24	1150	1/2	1	200	80	7
D40	A40	1"	38	1750	1	2	200	80	8
B10	B10 A10		26	1150	1	1	200	. 00	0
B15	A15	11/2"	113	1750	2	3	200	80	18
БІЗ	Als	1 72	75	1150	2	2	200	80	10
B20	A20	2"	227	640	5	71/2	200	80	54
B20	A20	_	113	320	3	5	200	00	34
B25	A25	21/2"	511	640	71/2	15	200	80	83
B30	A30	3"	757	640	15	20	200	80	90
B40	A40	4"	1135	520	20	40	200	80	200

運轉注意事項

- 1.運轉前泵浦裡必需積有液體,盡量避免空轉,以保持泵浦之性能。
- 2.裝配管路時,嚴禁金屬類雜物進入泵浦,以免損壞泵浦。
- 3.吸入管不可小於泵浦口徑,以維持泵浦性能。
- 4.運轉中有雜音時應停止使用,檢查泵浦内是否有雜物進入,或管路有無阻塞、液體不足等
- 5.有沈澱性及固化液體,停車前最好以另種液體加以沖洗。
- 6. 吸入管前最好加裝過濾器,防止雜物吸入泵浦。
- 7.高粘度液體請勿裝安全閥、逆止閥。
- 8.運轉前出、入口閥門須全部打開。

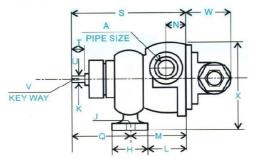
Matters needing attention for operation

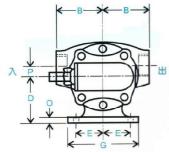
- 1. Before operation, the pump must store liquid. It should avoid idle running as possible to maintain the natural ability of the pump.
- 2. When assembling the tubes, it should strictly forbid mental impurities entering into the pump to avoid damaging the pump.
- 3. The absorbing tube can not be smaller than the diameter of the pump to maintain the natural ability of the pump.
- 4. If there is noise during operation, it should stop using. Then check if there are impurities entering into the pump, or block in the tube, or liquid is insufficient, etc.
- 5. If there is precipitating or solidity liquid, it had better wash with another kind of liquid before stopping operation.
- 6. In the front of the absorbing tube, it had better equip with filter to avoid impurities entering the pump.
- 7. If the liquid is high viscosity, please do not equip with safety valve, or check valve.
- 8. Before operation, the exit valve and entrance valve should be opened.



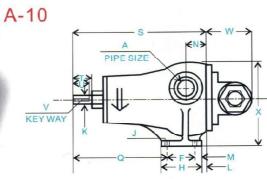
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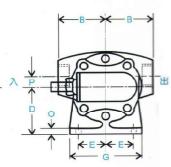




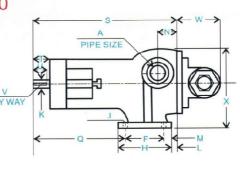


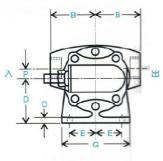


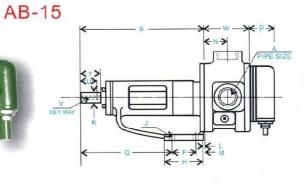


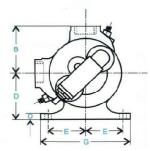














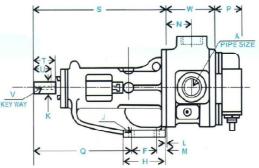


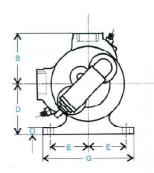




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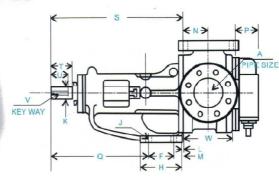


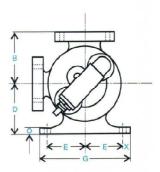




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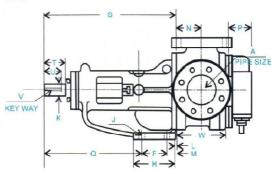


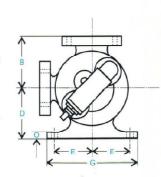




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尺寸圖 DIMENSION

型 式 TYPE	А	В	D	Е	F	G	Н	J	K	L	M	2	0	Р	Ø	S	Т	U	V	W	×
AB05	1/2"	62	71	41		108	40	11	11	32	20	25	11	38	96	142	27	26	FLAT	70	134
AB06	3/4"	62	71	41		108	40	11.	11	32	20	25	11	38	96	142	27	26	FLAT	70	134
B10	1"	75	80	40	80	110	110	9	18	13	15	28	11	16	164	272	30	26	5X5	70	130
A10	1 "	75	71	41	35	104	58	9	12.7	9	11	28	8	16	140	195	25.4	24	FLAT	70	121
AB15	1 1/2"	76	90	70	57	172	90	11	20.	40	15	48	14	60	150	262	38	35	5X5	80	
AB20	2"	135	140	101.6	70	240	111	15	30	3	22	68	14	110	255	350	55	40	7X7	130	
AB25	21/2"	165	178	111	102	255	138	14	32	5	13	80	14	110	250	370	57	40	8X8	145	
AB30	3"	165	178	111	102	255	138	14	32	5	13	105	14	110	250	395	57	40	8X8	170	
AB40	4"	216	222.3	104.8	101.6	260	157	18	49.2	-10	9	180	20		310	420	115	110	12.7X12.7	278	



各式泵浦配備之底座型式(三相標準馬達)

型號05配備底座有: 1/2HPX4P 1HPX4P 2HPX4P 1/2HPX6P 1HPX6P 型號06配備底座有: 1/2HPX4P 1HPX4P 2HPX4P 1/2HPX6P 1HPX6P

型號10配備底座有:1HPX4P 2HPX4P 1HPX6P

型號15配備底座有: 2HP X 4P 3HP X 4P 5HP X 4P 2HP X 6P 3HP X 6P

型號20配備底座有:5HPX4P 71/2HPX4P

型號25配備底座有: 7¹/₂HPX4P 10HPX4P 15HPX4P

型號30配備底座有: 7¹/₂HPX4P 10HPX4P 15HPX4P 20HPX4P

Base model for all kinds of pump equipments: (Three_phase standard motor)

Model No.05 Outfitted base 1/2HPx4P 1HPx4P 2HPx4P

1/2HPx6P 1HPx6P

Model No.06 Outfitted base 1/2HPx4P 1HPx4P 2HPx4P

1/2HPx6P 1HPx6P

Model No.10 Outfitted base 1HPx4P 2HPx4P

Model No.20 Outfitted base

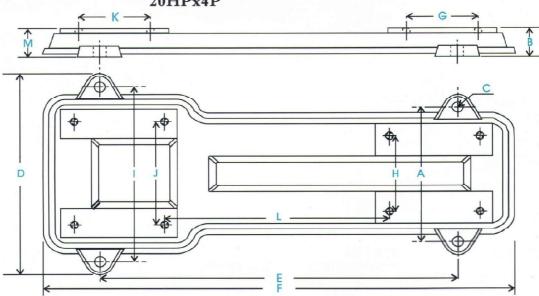
1HPx6P

Model No.15 Outfitted base 2HPx4P 3HPx4P 5HPx4P

2HPx6P 3HPx6P 5HPx4P 71/2HPx4P

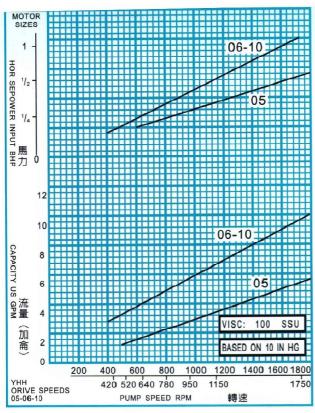
Model No.25 Outfitted base 71/2HPx4P 10HPx4P 15HPx4P

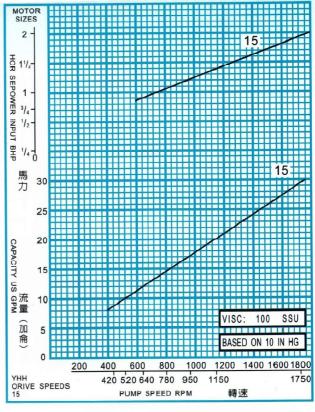
Model No.30 Outfitted base 71/2HPx4P 10HPx4P 15HPx4P 20HPx4P

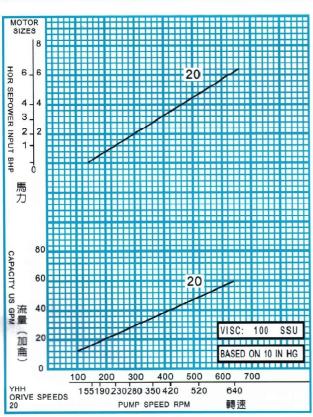


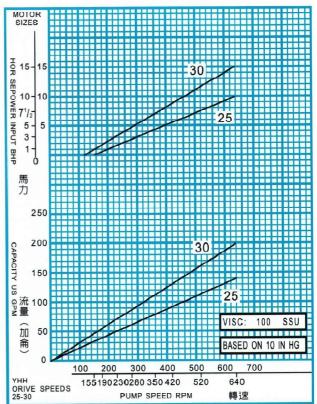
型號	馬力	極數	Α	В	C	D	Ш	F	G	Н		J	K	L	M
05/06	1/2HP	4P	170	28	12	242	250	370		82	210	112	90	174	28
05/06	1/2HP	6P	170	37	12	242	250	370		82	210	125	100	187	28
05/06	1HP	4P	170	37	12	242	250	370		82	210	125	100	187	28
05/06	1HP	6P	170	51	12	252	340	450		82	220	140	125	206	32
A10	1HP	4P	170	41	12	252	340	450	35	82	220	125	100	233	32
A10	1HP	6P	170	53	12	272	360	490	35	82	240	140	125	249	34
B10	1HP	4P	160	30	12	236	395	523	80	80	210	125	100	268	30
B10	1HP	6P	160	40	12	236	395	523	80	80	210	140	125	268	30
A/B15	2HP	4 P	225	38	12	302	430	570	57	140	270	140	125	259	38
A/B15	2HP	6P	225	48	12	302	430	570	57	140	270	160	140	276	38
A/B15	ЗНР	4P	225	48	12	302	430	570	57	140	270	160	140	276	38
A/B15	ЗНР	6P	225	60	12	332	430	577	57	140	300	190	140	283	38
A/B20				80		520		1055							
A/B25				80		520		1278							
A/B30				80	-	520		1278							











内轉齒輪泵浦輸送量選定表(參考)

粘度 70°F Viscosity (SSU)	30 - 250	250 - 750	750 - 2,500	2,500 - 7,500	7,500 - 25,000	25,000 - 75,000	75,000 - 250,000	1cps = 4.635 SSU
内轉齒輪泵 定額輸送量% Internal Gear Pump Quota Delivery Amount	100%	90%	80%	70%	60%	40%	30-25%	