

ATP - 204 HA VB - 1.5

① ② ③ ④ ⑤

① ARYUNG T-Rotor Pump
② Pump classification / ポンプ分類
③ Fastening method / 固定方法
HA : Dedicated motor connection
HAB : BRACKET
HAF : FLANGE
④ Relief Valve / リリーフ弁
VB : mounting / 実装
VD : Drain Block
No mark : none / なし
⑤ Set pressure (MPa)

- ATP-HA type pump has excellent durability by applying double oil-seal for shaft sealing device.
- When using as a heat medium, it can be used at high temperatures below 180°C by applying a fluorine-based oil-seal. (Optional)
- Relief valve that can control pressure is attached, so it can be used safely by reducing the load on the motor and pump (optional).
- It is suitable for oil and fuel transfer, lubrication of machine tools and various industrial machines, and hydraulic equipment.

- ATP-HAタイプのポンプは、シャフトシール装置にダブルオイルシールを採用することで耐久性に優れています。
- 熱媒体として使用する場合、フッ素系オイルシールを適用することにより、180°C以下の高温で使用できます。(オプション)
- 圧力制御が可能なリリーフバルブが付属しているので、モーターやポンプの負荷を軽減して安全に使用できます(オプション)。
- オイルや燃料の移送、工作機械や各種産業機械の潤滑、油圧機器に適しています。

Type	Perotation (㎤/rev)	Discharge flow (ℓ/min)		Allowable pressure (MPa)	Allowable rotation speed (rpm)	Weight (Kg)	
		1500rpm	1800rpm			HA HAF	HAVB HAVD
ATP-204HA	4.2	6.3	7.5	3.0	300 ~ 2500	3.2	3.6
ATP-206HA	6.0	9.0	10.8	3.0	300 ~ 2500	3.2	3.6
ATP-208HA	8.4	12.6	15.1	3.0	300 ~ 2500	3.3	3.7
ATP-210HA	10.2	15.3	18.3	3.0	300 ~ 2500	3.4	3.8
ATP-212HA	12.0	18.0	21.6	3.0	300 ~ 2000	3.6	4.0
ATP-216HA	16.2	24.3	29.1	3.0	300 ~ 1800	3.8	4.2
ATP-220HA	19.8	29.7	35.6	3.0	300 ~ 1800	4.1	4.5

Application | 適用

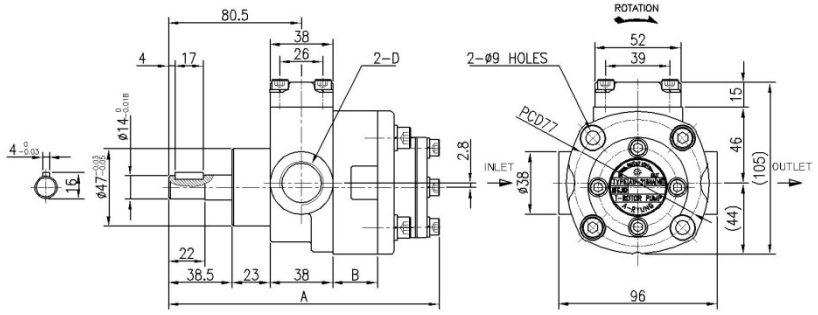
- Fluid: Oils
- Kinematic viscosity (40°C standard): 20 ~ 220 cSt
- Use temperature
  - NBR: 80°C below
  - FKM: 180°C below

Material | 材質

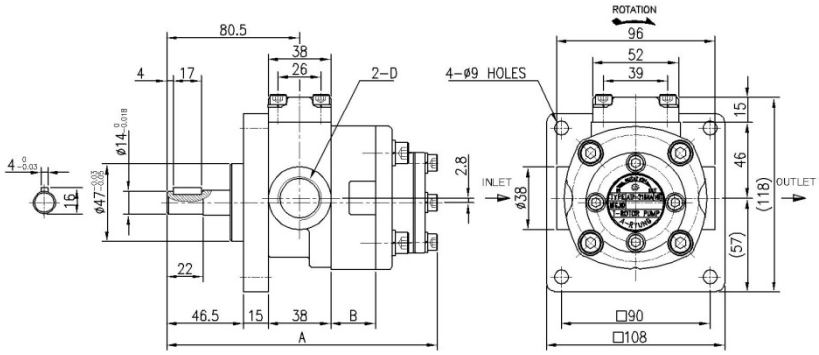
- Pump body : Cast iron
- Port housing : Cast iron
- Pump cover : Cast iron
- Bearing : #6202zz, #6301zz
- Shaft : Steel
- Rotor : Powder steel
- Oil-seal : NBR, FKM(Option)
  - Ø15×Ø35×7t,
  - Ø17×Ø30×7t
- Relief valve : Cast iron etc.

Appearance | 外觀

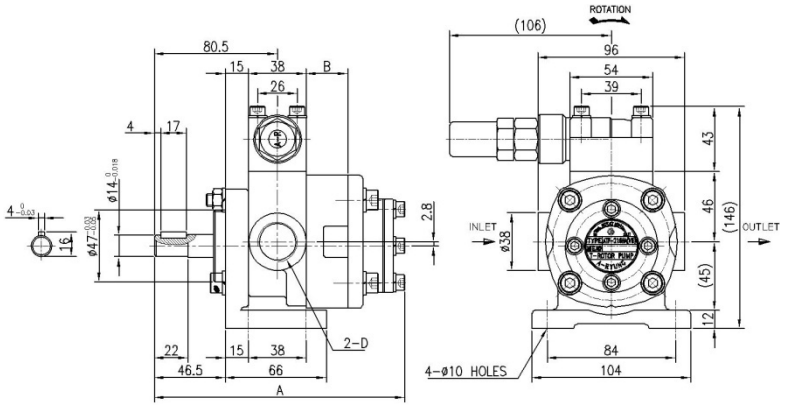
ATP-HA



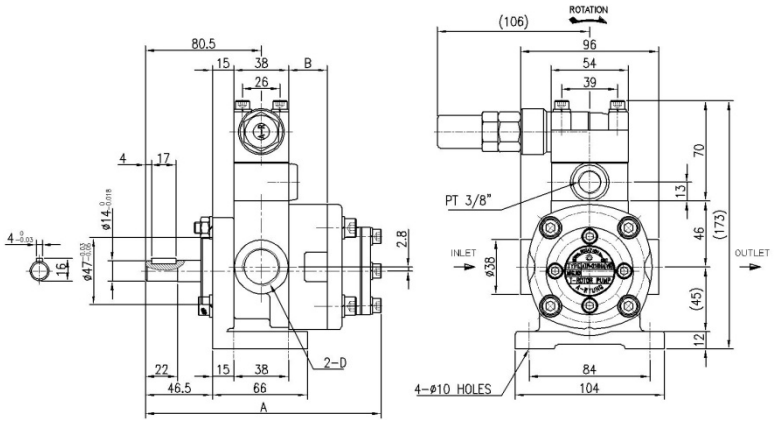
ATP-HAF



ATP-HABVB



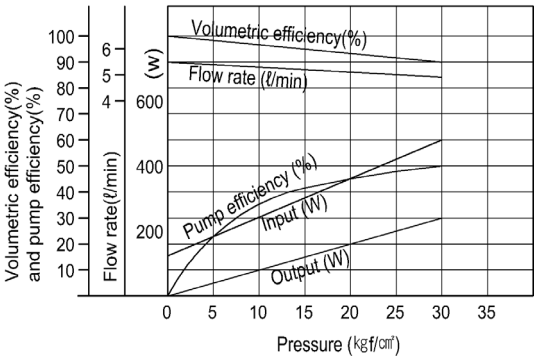
ATP-HABVD



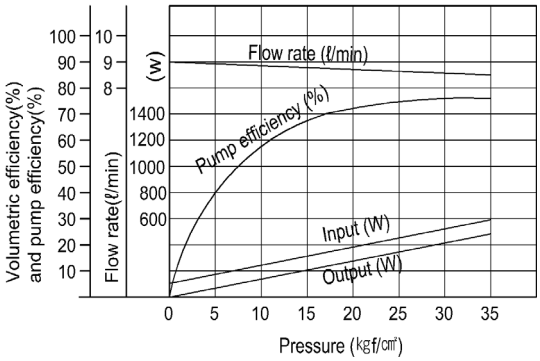
Type		A	B	D (Port Dia)	
				INLET	OUTLET
ATP-204	HA HAB HAF HAVB HAVD	145	7	PT 1/2”	
ATP-206	HA HAB HAF HAVB HAVD	148	10	PT 1/2”	
ATP-208	HA HAB HAF HAVB HAVD	152	14	PT 1/2”	
ATP-210	HA HAB HAF HAVB HAVD	155	17	PT 3/4”	
ATP-212	HA HAB HAF HAVB HAVD	158	20	PT 3/4”	
ATP-216	HA HAB HAF HAVB HAVD	165	27	PT 3/4”	
ATP-220	HA HAB HAF HAVB HAVD	171	33	PT 3/4”	

Performance curve | パフォーマンスカーブ

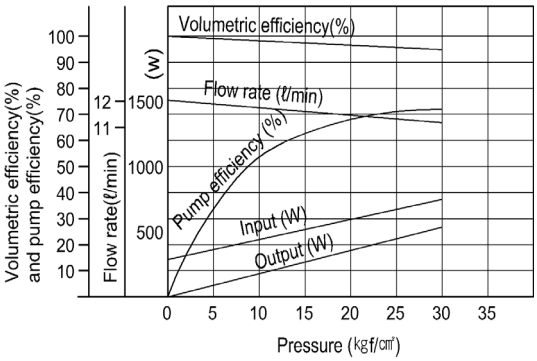
ATP-204HA(VB/VD)



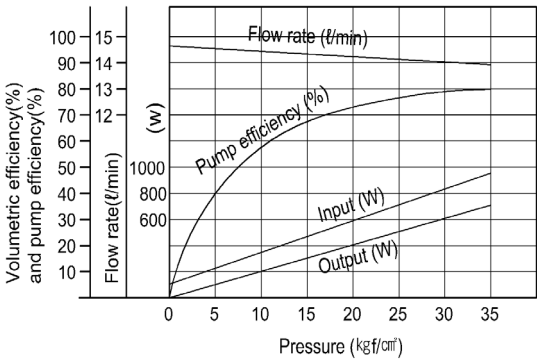
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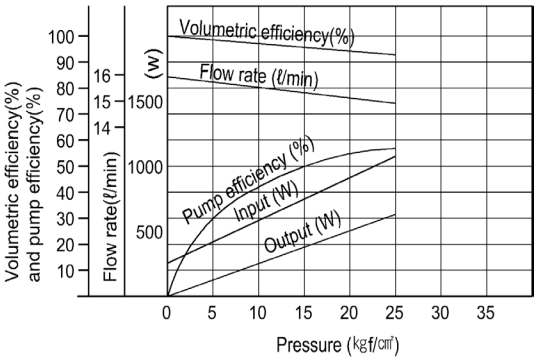
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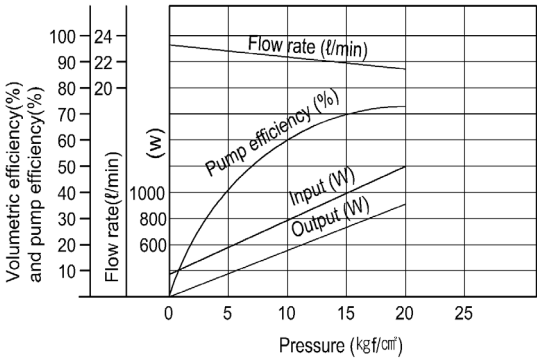
ATP-210HA(VB/VD)



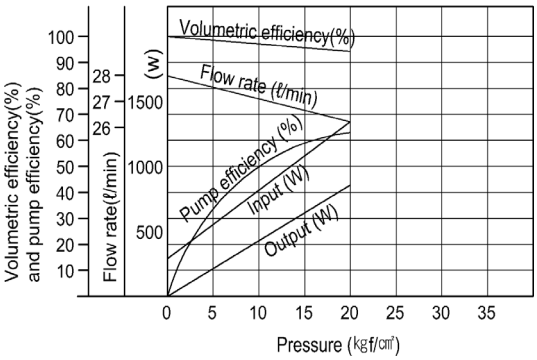
ATP-212HA(VB/VD)



ATP-216HA(VB/VD)



ATP-220HA(VB/VD)



Fluid used	#46 turbine oil
Oil temperature	40°C
Rotation speed	1500rpm