



HYDRAULIC SYSTEM





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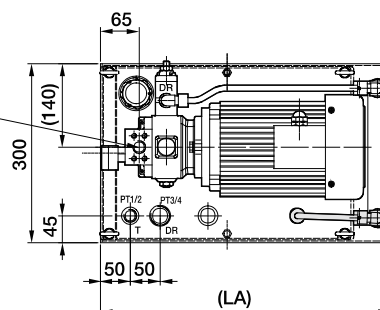
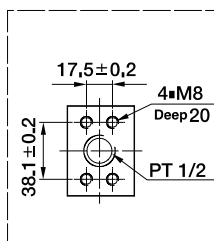
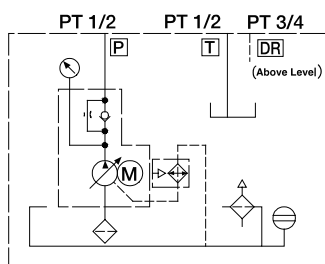
POWER MINI-PACK UNIT

【AP】

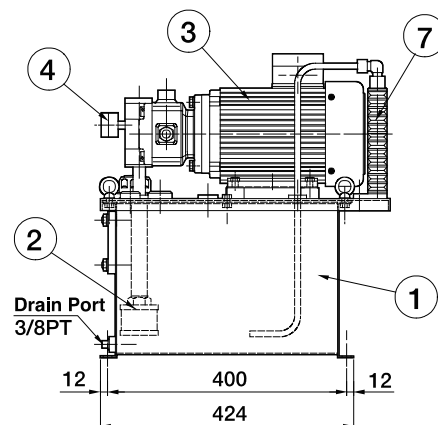
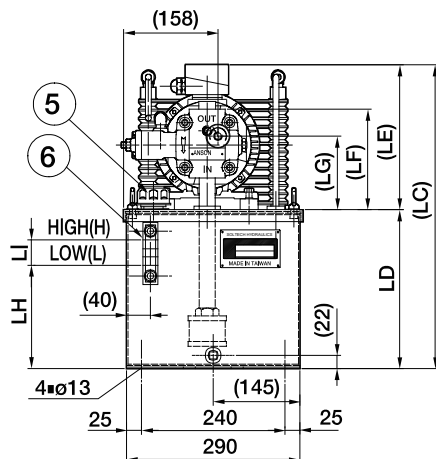
※SPECIFICATION

AP-	V1-	F2-	S-	VD16-	B-	10-	M2
Series No.	Tank Capacity	Motor Output	Voltage of Motor	Type of Pump	Pressure Range	Design No	Circuit Structure
	V1: 10Lit. V2: 20Lit.	1: 0.75kw 2: 1.5kw 3: 2.2kw	S: Standard 220V/380V Hz:50/60 Special Voltage Contact SOLTECH	VD08: 8cm ³ /rev VD12: 12cm ³ /rev VD16: 16cm ³ /rev	Code A 8~20 (8) B 15~35 (15) C 30~55 (30) D 50~70 (50) ► ()Factory Setting Pmin.	10	None: Without Manifold 3P: 3P Block M1: 01-1 Station M2: 01-2 Station

※AP SERIES DIMENSIONS



No.	Part Name
1	Tank
2	Suction Element
3	Ele. Motor & Pump
4	Pressure Gauge
5	Filler Breather
6	Level Gauge
7	Fan Cooler



UNIT: M.M.(INCHES)

Model	Ele. Motor Output	Size									
		LA	LC	LD	LE	LF	LG	LH	LI	H	L
AP-V1-F1S-VD ※※※-10	0.75 kw	460(18.11)	388(15.28)	166(6.54)	222(8.74)	158(6.22)	113(4.45)	103(4.06)	14(0.55)	12L	10L
AP-V1-F2S-VD ※※※-10	1.5 kw	485(19.08)	409(16.1)		243(9.57)	168(6.61)	123(4.84)				
AP-V2-F1S-VD ※※※-10	0.75 kw	460(18.11)	488(19.21)		222(8.74)	158(6.22)	113(4.45)				
AP-V2-F2S-VD ※※※-10	1.5 kw	485(19.08)	509(20.04)	266(10.47)	243(9.57)	168(6.61)	123(4.84)	169(6.65)	44(1.73)	22L	17L
AP-V2-F3S-VD ※※※-10	2.2 kw	510(20.08)	539(21.22)		273(10.75)	178(7.01)	133(5.24)				

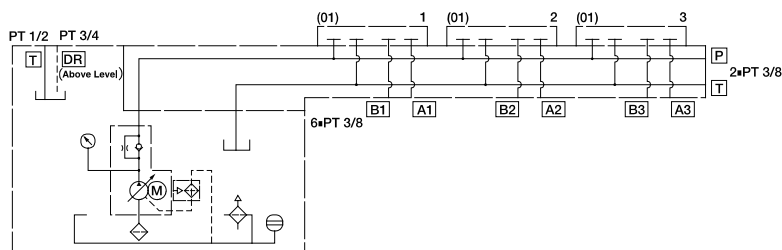


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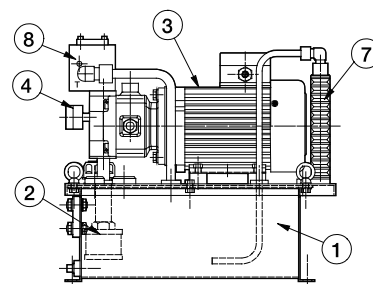
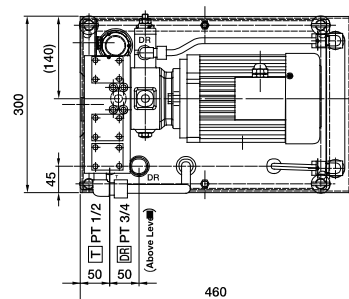
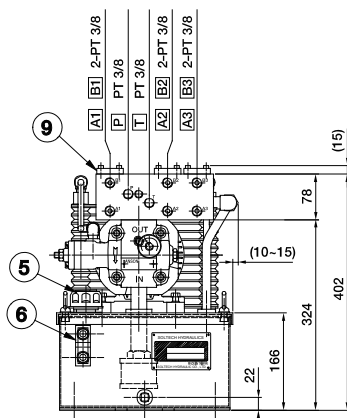
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POWER MINI-PACK UNIT

※M3 DIMENSIONS



No.	Part Name
1	Tank
2	Suction Element
3	Ele. Motor & Pump
4	Pressure Gauge
5	Filler Breather
6	Level Gauge
7	Fan Cooler
8	M3 Manifold
9	End Cover

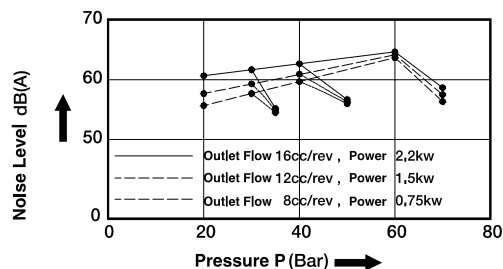


※SPECIAL PERFORMANCE

■ Noise Level

Condition:

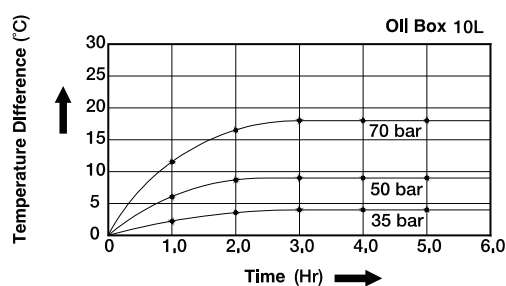
1. Hydraulic Oil ISO VG32
2. Fluid temperature 40 ± 5°C
3. Drive speed 1800min⁻¹
4. Test distance 1m(39.4 inch)from pump



■ Temperature Performance

Condition:

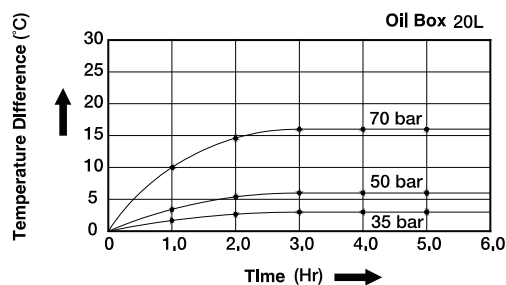
1. Hydraulic Oil ISO VG32
2. Fluid temperature 30°C
3. Drive speed 1800min⁻¹
4. Output Power 0.75~2.2kw



■ Temperature Performance

Condition:

1. Hydraulic Oil ISO VG32
2. Fluid temperature 30°C
3. Drive speed 1800min⁻¹
4. Output Power 0.75~2.2kw



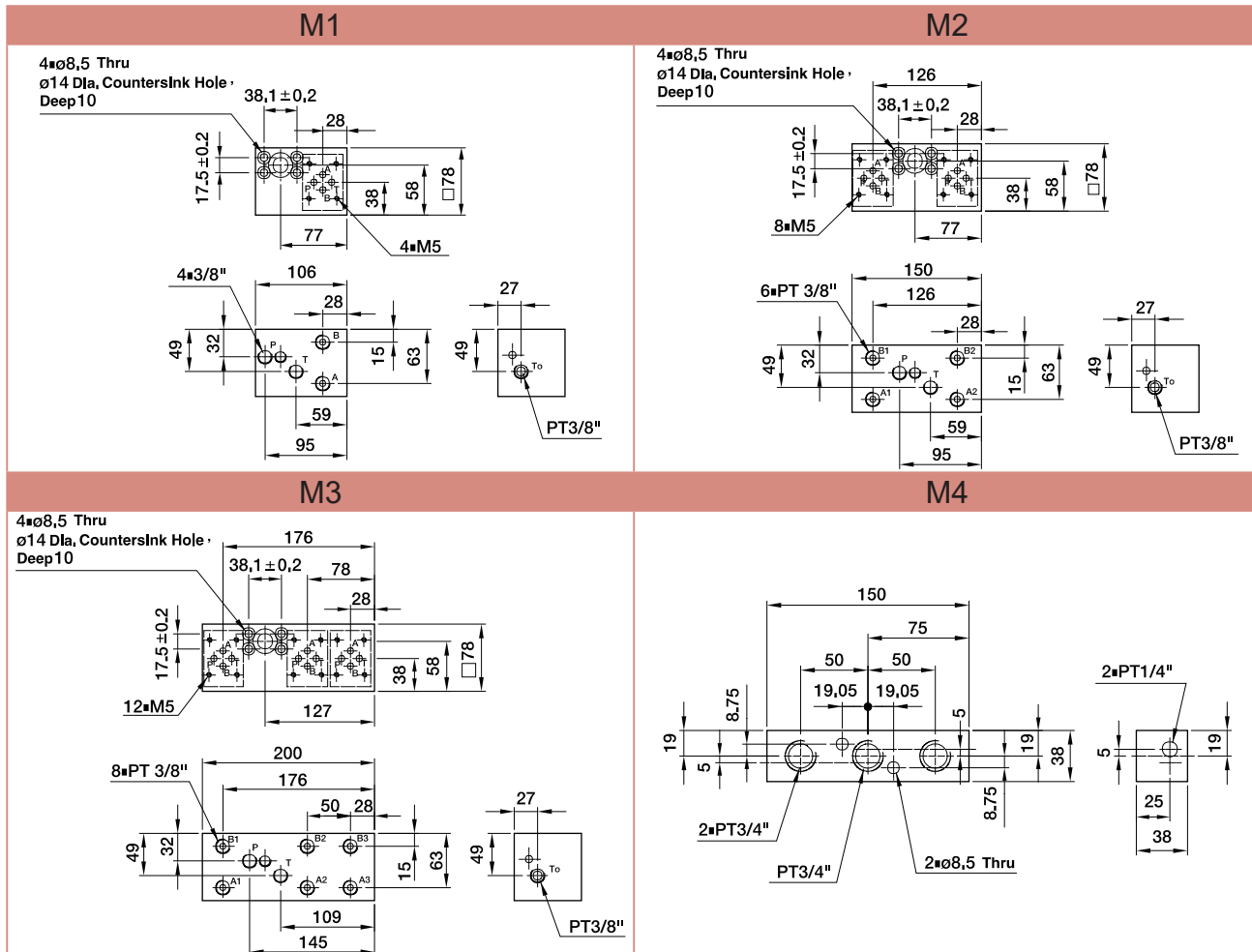


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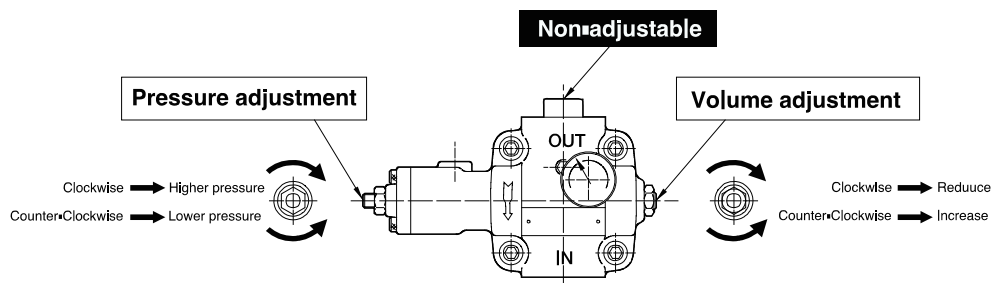
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※M SERIES MANIFOLDS



※VD PUMP OPERATING DATA



Hydraulic Oil: ISO VG32

Fluid temperature: 10~60°C (24~146°F)

The oil change must be made as a rule every 3000 hour (or 1 year).

Oil change: 1 year=3000Hr=@8Hr 375 average.

Frequent check of the chemical-physical properties and of the contamination rate allow service in due time.

When the oil is changed, perform also an accurate cleaning of the filter.