

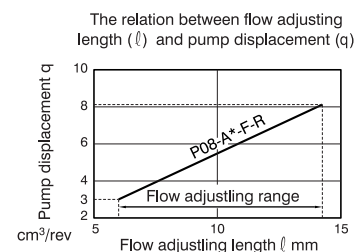
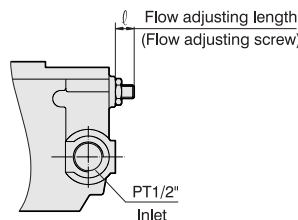
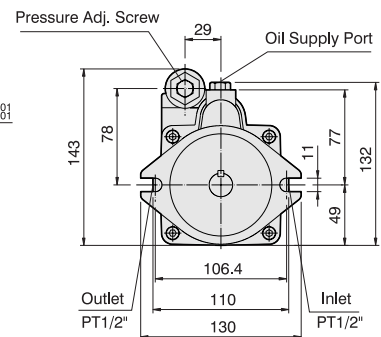
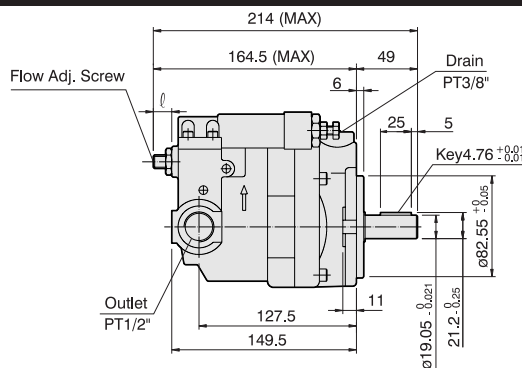
## P16-A3-F-R-S-01

1 2 3 4 5 6 7 8

<b>1</b> Variable volume piston pump	<b>4</b> Pressure adjusting range	<b>6</b> Rotation (Viewed from shaft end)
<b>2</b> Displacement 08, 16, 22, 36, 46, 70, 100, (cm <sup>3</sup> /rev)	0 : 1~4 Mpa (10~40 kgf/cm <sup>2</sup> ) 1 : 2~7 Mpa (20~73 kgf/cm <sup>2</sup> ) 2 : 3~14 Mpa (30~145 kgf/cm <sup>2</sup> ) 3 : 3~21 Mpa (30~215 kgf/cm <sup>2</sup> ) 4 : 3~28 Mpa (30~286 kgf/cm <sup>2</sup> )	R : CW L : CCW
<b>3</b> Control options (Standard type) A : Pressure compensating type (Option type) B : Remote pressure control type C : Two pressure-two flow control type D : Solenoid cut-off control type E : Two pressure cut-off control type HL : Load sensing control type	<b>5</b> Mounting F : Flange mounting L : Foot mounting	<b>7</b> Shaft options S : SAE Spline Cylindric, Key (Code omitted)
		<b>8</b> Design code

Model	Volume cm <sup>3</sup> /rev	Delivery at no load ℓ/min				Pressure adj. range Mpa (kgf/cm <sup>2</sup> )	Max setting pressure Mpa (kgf/cm <sup>2</sup> )	Drive speed min <sup>-1</sup>		Mass kg
		1000 min <sup>-1</sup>	1200 min <sup>-1</sup>	1500 min <sup>-1</sup>	1800 min <sup>-1</sup>			Min	Max	
<b>P08-A 0-F-R-01</b>	8.0	8.0	9.6	12.0	14.4	2~4 (20~40)	25 (255)	500	2000	9
1						2~7 (20~73)				
2						3~14 (30~145)				
<b>P16-A 0-F-R-01</b>	16.5	16.5	19.8	24.7	29.7	2~4 (20~40)	25 (255)	500	2000	12
1						2~7 (20~73)				
2						3~14 (30~145)				
<b>P22-A 0-F-R-01</b>	22.0	22.0	26.4	33.0	39.6	2~4 (20~40)	25 (255)	500	2000	12
1						2~7 (20~73)				
2						3~14 (30~145)				
<b>P36-A 0-F-R-01</b>	36.0	36.0	43.2	54.0	64.8	2~4 (20~40)	25 (255)	500	2000	23
1						2~7 (20~73)				
2						3~14 (30~145)				
<b>P46-A 0-F-R-01</b>	46.0	46.0	55.2	69.0	82.8	2~4 (20~40)	25 (255)	500	2000	23
1						2~7 (20~73)				
2						3~14 (30~145)				
<b>P70-A 1-F-R-01</b>	70.0	70.0	84.0	105.0	126.0	2~7 (20~73)	28 (286)	500	1800	41
3						3~21 (30~215)				
4						3~28 (30~286)				
<b>P100-A 1-F-R-01</b>	100.0	100.0	120.0	150.0	180.0	2~7 (20~73)	28 (286)	500	1800	60
3						3~21 (30~215)				
4						3~28 (30~286)				

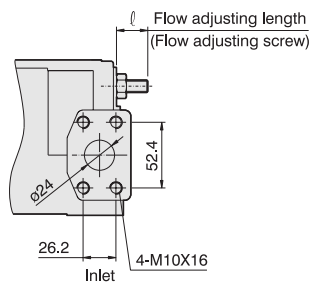
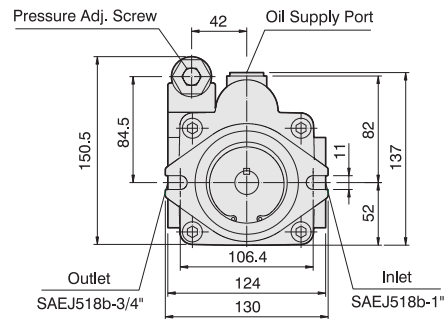
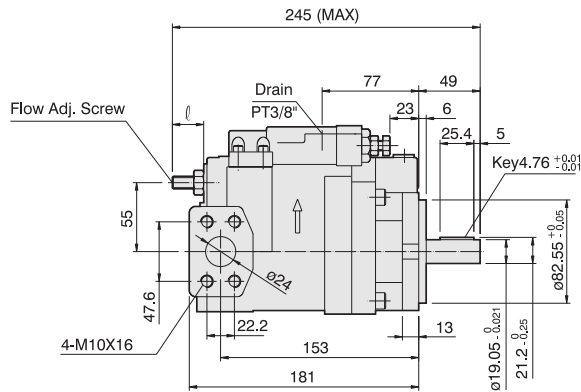
### P08-A-TYPE / PRESSURE COMPENSATING TYPE



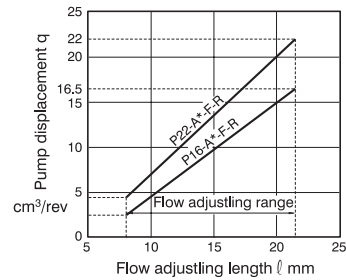
# PRESSURE COMPENSATING TYPE

**KCL**® world-best-pumps  
HYDRAULIC EQUIPMENTS

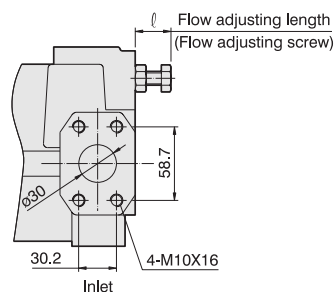
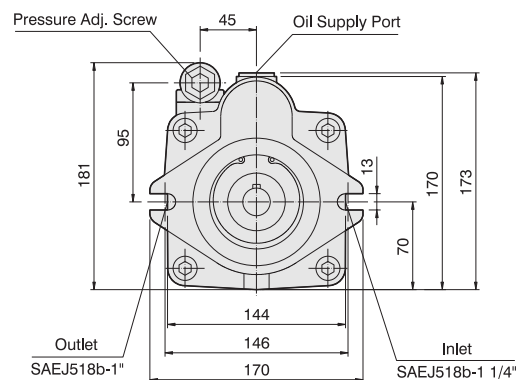
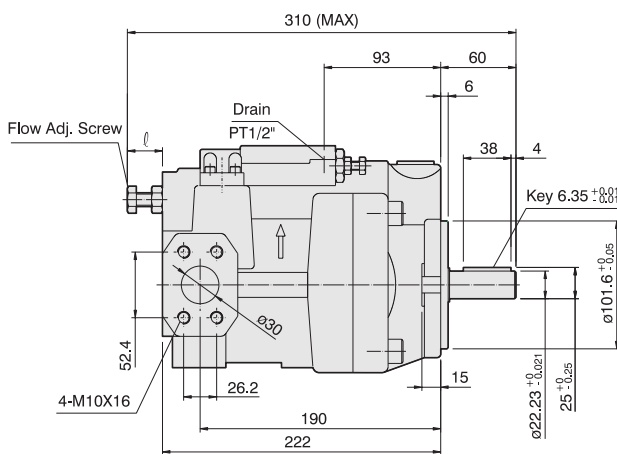
## P16-A-TYPE / P22-A-TYPE



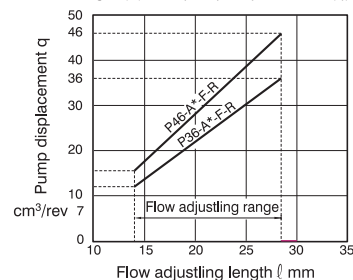
The relation between flow adjusting length ( $\ell$ ) and pump displacement ( $q$ )



## P36-A-TYPE / P46-A-TYPE



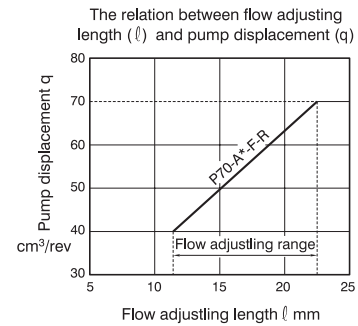
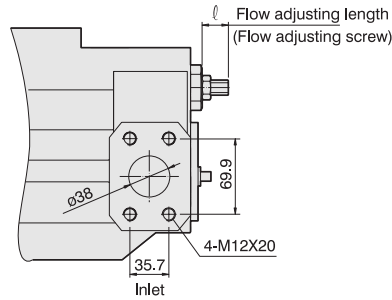
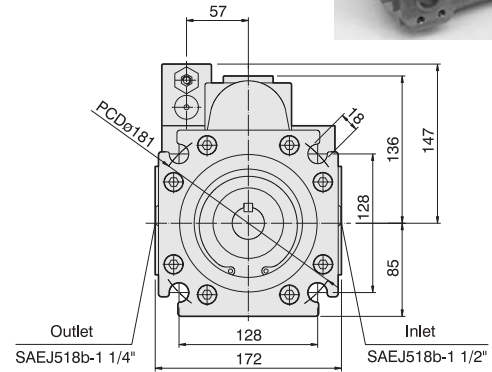
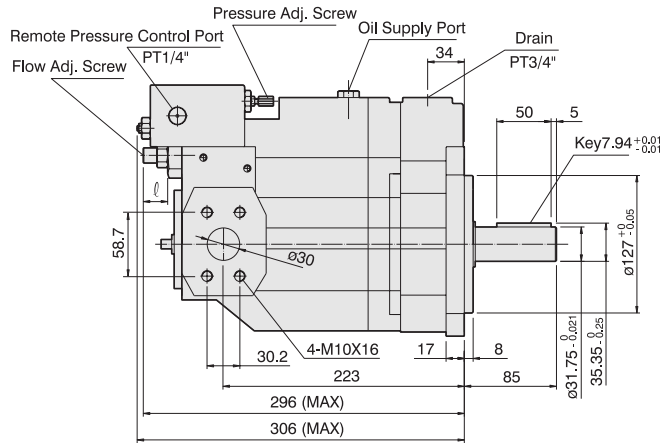
The relation between flow adjusting length ( $\ell$ ) and pump displacement ( $q$ )



# PRESSURE COMPENSATING TYPE

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HYDRAULIC EQUIPMENTS

## P70-A-TYPE



## P100-A-TYPE

