

Small Modular Valve

E series



Features

- Miniaturization of M series, Lighter weight 50 to 70% than M series.
- Easy assembly for circuit designs and change design.
- 2 types sub plates for the pump-direct attachment type and the piping type.
- Available mount electric pump
SMP-30, 40, MP-4, 5, 6, 12H and 15H.

Common Specification

Maximum operating pressure	70MPa
Maximum flow	0~ 8MPa : 6L/min 8~70MPa : 3L/min

Model

Direction Control Valve

Type	Name	Circuit designation	Approximate weight(kgs)
ESL-4S-※	Normal straight		1.9kg
ESL-4H-※	Normal open		
ESL-4P-※	P port blocked		
ESW-4H-※	All ports open		2.5kg
ESW-4P-※	P port blocked		
ESW-4C-※	All ports blocked		

※parts inside type indicate operational voltage. (Operational voltage:AC100V, AC200V, DC24V)

Pilot operation check valve

Type	Pilot area ratio	Circuit designation	Approximate weight(kgs)
ECH-4	10:1		1.7kg

Counter-balance valve

Type	Pressure control range (MPa)	Circuit designation	Approximate weight(kgs)
ECB-1	2~10MPa		2.0kg
ECB-2	10~70MPa		

Relief valve

Type	Pressure control range (MPa)	Circuit designation	Approximate weight(kgs)
ERV-P	10~70MPa		1.5kg
ERV-A			
ERV-B			

※These specifications are subject to change without notice.

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