

Servo Motor

伺服驱动器



AC Servo Motor

The rated specifications of standard servo drive:.

- ♦ High-efficiency power transformation technologies realized by developing dedicated ASIC featuring latest control theory.
- ♦ Diversified functions added and convenience of use, strengthened by the use of large-capacity flash memory.
- ♦ Precision control realized by the application of high-performance control algorithm.
- ♦ Additional services provided through various kinds of communication options.(PC Communication, Touch Screen, High-order Network Communication)
- ♦ Loader (6 digits) is basically mounted for the convenience of use
- ♦ Various menu functions that can be applied instantly after changing.

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◆ 30W~37kW Servo Motor & Drive released

- ♦ Provide a wide range of selection with various series
- ♦ 40 Flange 30W ~ 280 Flange 37kW
- ♦ Adopted core-dividing type by using the most advanced tooling technology
- ♦ Realized high efficiency & compact size by adopting high precision winding
- ♦ Motor's life extended by the use of F-class insulation against B-class temperature rise
- ♦ Suitable for high precision control thanks to the fabricating technology & quality control
- ♦ High torque output is possible at a smaller size by adopting neodymium permanent magnet of highest-performance in its class
- ♦ Provide exclusive models with various structures & characteristics



◆ Spinner Motor

- ♦ Spinner Motor for semi-conductor equipment 8" & 12" developed
- ♦ Used at Coater, Developer & Scrubber
- ♦ Realized high instantaneous acceleration characteristic- higher than 100,000 rps
- ♦ Manufactured custom made-spinner motor in response to customer's demands
- ♦ Secured various diameters of hollow shaft as per customer's requirement
- ♦ Environment-resistance strengthened by adopting magnetic fluid seal
- ♦ Anti-corrosion strengthened by the special coating process on the surface



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◆ Hollow Shaft Motor

- ◆ Provide various diameters of hollow shaft (Max. Ø50- Ø130 Flange)
- ◆ Realized a compact size by the use of high- performance permanent magnet
- ◆ Compact design by adopting an exclusive encoder
- ◆ Motor's life extended by the use of F-class insulation against B-class temperature rise
- ◆ Designing various shapes of Exclusive Motor(customized type) is provided for customer's requirement



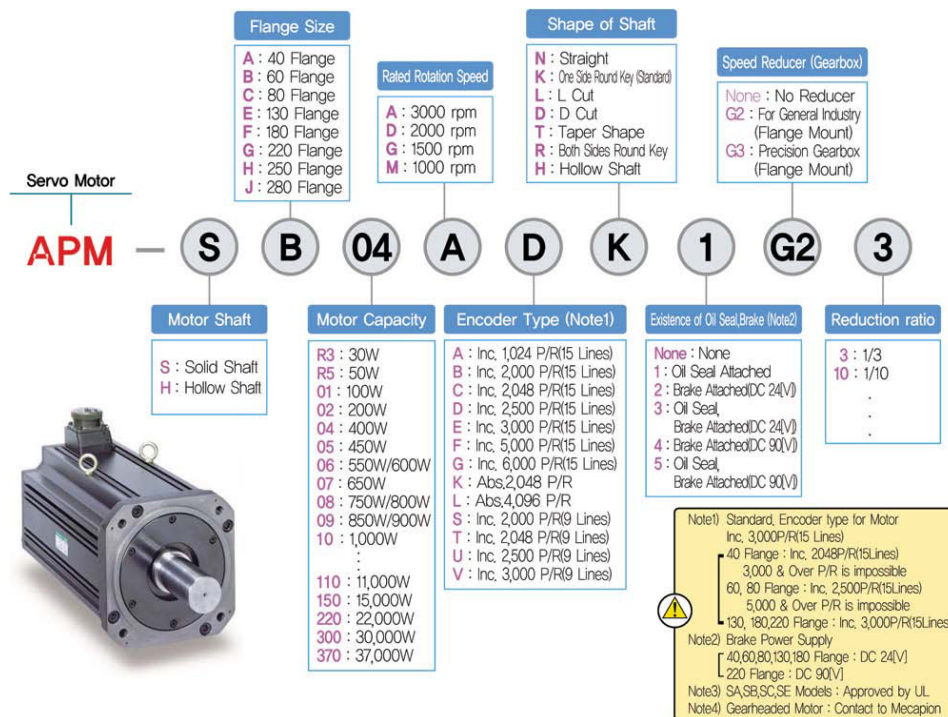
◆ Motor Parts



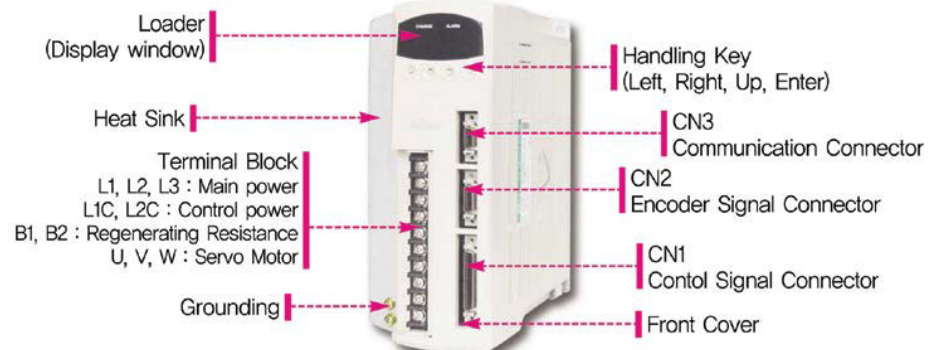
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◆ Feature for Servo System



◆ Drive Parts



>> Assorted Combinations & Brackets

Servo Motor					Applicable drive	Encoder Used		IP grade						
Rated Speed (r/min)	Maximum Speed (r/min)	Flange	Capacity (kW)	Model (APM-)	Model (APD-)	Standard Incremental	Standard Absolute							
3,000	5,000	□40	0.03	SAR3A	VS/VP/VKR5	·15pin type ·2048 P/R	·N/A	IP 55						
			0.05	SAR5A	VS/VP/VKR5									
			0.1	SA01A	VS/VP/VK01									
		□60	0.1	SB01A	VS/VP/VK01	·15pin type ·2,500 P/R	·13pin type ·2,048 P/R ·11/13bit	IP 55						
			0.2	SB02A	VS/VP/VK02									
			0.4	SB04A	VS/VP/VK04									
		□80	0.4	SC04A	VS/VP/VK04			IP 65						
			0.6	SC06A	VS/VP/VK04									
			0.8	SC08A	VS/VP05									
			1.0	SC10A	VS/VP10									
		□130	0.9	SE09A	VS/VP10	·15pin type ·3,000 P/R	·13pin type ·2,048 P/R ·11/13bit	IP 65						
			1.5	SE15A	VS/VP15									
			2.2	SE22A	VS/VP20									
			3.0	SE30A	VS/VP35									
		□180	3.0	SF30A	VS/VP35	·15pin type ·3,000 P/R	·13pin type ·2,048 P/R ·11/13bit	IP 65						
			5.0	SF50A	VS/VP50									
2,000	3,000	□80	0.3	SC03D	VS/VP/VK04									
			0.45	SC05D	VS/VP/VK04									
			0.55	SC06D	VS/VP05									
			0.65	SC07D	VS/VP05									
		□130	0.6	SE06D	VS/VP05									
			1.1	SE11D	VS/VP10									
			1.6	SE16D	VS/VP15									
			2.2	SE22D	VS/VP20									
		□180	2.2	SF22D	VS/VP20									
			3.5	SF35D	VS/VP35									
			5.5	SF55D	VS/VP50									
			7.5	SF75D	VS/VP75									
	2,500	□220	2.2	SG22D	VS/VP20									
	3,000		3.5	SG35D	VS/VP35									
			5.5	SG55D	VS/VP50									
	2,500		2,500		7.5				SG75D	VS/VP75				
11.0	SG110D	VS/VP110												
1,500	3,000	□130	0.45	SE05G	VS/VP05	·15pin type ·3,000 P/R	·13pin type ·2,048 P/R ·11/13bit	IP 65						
			0.85	SE09G	VS/VP10									
			1.3	SE13G	VS/VP15									
			1.7	SE17G	VS/VP20									
		□180	1.8	SF20G	VS/VP20									
			2.9	SF30G	VS/VP35									
			4.4	SF44G	VS/VP50									
			6.0	SF60G	VS/VP75									
	2,500	□220	7.5	SF75G	VS/VP110									
			2.0	SG20G	VS/VP20									
			3.0	SG30G	VS/VP35									
			4.4	SG44G	VS/VP50									
	2,500		6.0	SG60G	VS/VP75									
			8.5	SG85G	VS/VP110									
			11.0	SG110G	VS/VP150									
			15.0	SG150G	VS/VP150									
2,000	□250	22.0	SH220G	VS220	·N/A	IP 55								
		30.0	SH300G	VS300										
		37.0	SJ370G	VS370										
	□280													
1,000	2,000	□130	0.3	SE03M	VS/VP/VK04	·15pin type ·3,000 P/R	·13pin type ·2,048 P/R ·11/13bit	IP 65						
			0.6	SE06M	VS/VP05									
			0.9	SE09M	VS/VP10									
			1.2	SE12M	VS/VP15									
		□180	1.2	SF12M	VS/VP15									
			2.0	SF20M	VS/VP20									
			3.0	SF30M	VS/VP35									
			4.4	SF44M	VS/VP50									
		□220	1.2	SG12M	VS/VP15									
			2.0	SG20M	VS/VP20									
			3.0	SG30M	VS/VP35									
			4.4	SG44M	VS/VP50									
		□280	6.0	SG60M	VS/VP75									
			3,000	5,000	□60				0.1	HB01A	VS/VP/VK01	·15pin type ·1,024 P/R	·N/A	IP 55
									0.2	HB02A	VS/VP/VK02			
0.4	HB04A	VS/VP/VK04												
□130	0.9	HE09A			VS/VP10									
	1.5	HE15A			VS/VP15									