



VBEHA / VBSHA		1.2		2.5		5	
Type		VBEHA	VBSHA ¹	VBEHA	VBSHA ¹	VBEHA	VBSHA ¹
Static Torque [ft-lbs / N-m]		8.9 / 12		18 / 25		37 / 50	
Coil (20°C)	Voltage [DC-V]	24					
	Current [A]	0.75		0.92		1.41	
	Resistance [Ω]	32		26		17	
	Wattage [W]	18		22		33	
Armature	Pull-In Time [ms]	20		30		50	
	Release Time [ms]	40		40		50	
Torque Build-Up Time [ms]		50		70		100	
Max Allowable Speed [rpm]		5500		5000		4000	
Moment of Inertia (J) [kg-cm ²]		4.7		12		36	
Total Energy Until Life [J]		13 x 10 ⁷		25 x 10 ⁷		49 x 10 ⁷	
Bore [mm]	dH7	15		20		25	
Key Way [mm]	bJs9	5		6		8	
	t	17.3+0.15/-0		22.8+0.15/-0		28.3+0.2/-0	
Dimensions [mm]	A	86		108		136	
	D+0.2/-0	45		52		65	
	E	82		100		125	
	F+0/-0.2	110		135		165	
	G	98		122		150	
	H	5.5		6.5		6.5	
	L	49.5	50.5	53.5	54.5	63.5	64.5
	M	23.5	24.5	18.5	19.5	21.5	22.5
	N	26		35		42	
	S	0.4		0.4		0.5	
T	2.1		2.4		2.4		
Weight [lbs / kg]		2.2 / 1.0		4.2 / 1.9		8.2 / 3.7	

[Included parts & accessories : surge protector]

[1 inch = 25.4 mm]

[Note 1 : Silent type]