

VB Series (AC Type)

100V

VB-1510

Hi Speed

VB-1510-18

Hi Torque

VB-2008



Lever

Push



VB-1820

VB-3012

VB-4504



VB-4504 has a Shockless Stand

Hi Speed / Hi Torque

VB-3020



Lever

Push

SPECIFICATIONS

Lever start model		VB-1510	VB-1510-18	VB-1820	VB-2008	VB-3012	VB-3020	VB-4504	VBH-1820	VBH-3012	
Push-to-start model		VB-1510PS	VB-1510PS-18	VB-1820PS	VB-2008PS	VB-3012PS	VB-3020PS	VB-4504PS	VBH-1820PS	VBH-3012PS	
AC input power (±5%)		100V			100V			100V		100V	
Power consumption (W)*1		20W			40W	20W	40W	40W		40W	
Output torque range (N·m)		0.25 - 1.5	0.2 - 1	0.4 - 1.8	0.4 - 2	0.5 - 3	1 - 3	1 - 4.5	3 - 7	4 - 10	
Unloaded rotation speed (r.p.m)±10%		970	1,800	2,000	800	1,200	2,000	400	470	270	
Screw size (mm)	Machine screw	2.0 - 4.0		2.6 - 4.0	2.0 - 4.0	3.0 - 5.0	3.0 - 5.0		5.0 - 6.0		
	Tapping screw	2.0 - 3.0		2.6 - 3.0	2.0 - 3.0	3.0 - 4.0	3.0 - 4.0		5.0 - 6.0		
Outer dimensions	Grip diameter (Max)	∅33	∅33	∅39 / ∅41 (PS)	∅33	∅39 / ∅41 (PS)	∅39 / ∅41 (PS)	∅39 / ∅45 (PS)	∅39 / ∅45 (PS)	∅39 / ∅45 (PS)	
	Length (mm)	255		263 / 286 (PS)	255	263 / 286 (PS)	263 / 286 (PS)	263 / 286 (PS)	343 / 361 (PS)		
Weight (g)		526		750	526	750	750	750 / *2	2,550 (total)		
AC cord length		3m		3m			3m		3m		
Bit drive selection	Standard	H4		H5 and 5HEX (compatible)			H5 and 5HEX (compatible)	1/4HEX	1/4HEX		
	Special Order	H5 and 5HEX (compatible) or 1/4HEX		1/4HEX			1/4HEX	—	—		
Accessories	Bit (one each)	HIOS Shank	H4	+#1 (∅4×40) +#2 (∅4×40)		—		—		—	
			H5	+#1 (∅5×60) +#2 (∅5×60)		+#1 (∅5×60) +#2 (∅5×60)	+#1 (∅5×60) +#2 (∅5×60)	—			
	HEX Shank	1/4HEX	+#1 (∅5.0×50), #2 (∅5.0×50) - (∅5.0×50)			—		—			
Torque adjustment spring		Silver	—	—			—		—		
Plus screw for adjustment		—			M2.6 (pan head machine screw)			M2.6 (pan head machine screw)	—	M4x6 (hexagon socket head set screw)	
Flat 2P conversion plug		1 pc (with ground wire)		1 pc (with ground wire)			1 pc (with ground wire)		1 pc (with ground wire)		
Shockless Stand		—			—			—	●	●	●
Variations	VZQ	HIOS Shank	—	—	●	—	●	●	—	—	
		HEX Shank	—	—	—	—	—	—	—	—	
VB / VBH-OPC		●	●	●	●	●	●	●	●	●	

*1 Power consumption is an approximate value. *2 VB-4504PS(with Shockless Stand)2,080g (total)