

/ / 12mm Square / /		Country of origin : Indonesia								
Shaft	Detent	Detent Torque						<Standard> - Noble Description		
		Heaviest 300gf.cm	Heavy 200gf.cm	Middle 80gf.cm	Standard 60gf.cm	Light 45gf.cm	Lightest 35gf.cm	Long sleeve	Bushing =N/A with SW=	<PIO Switch> Long sleeve
15F	None	No	No	No	No	No	No	XRE0121PVB15FS	XREB121PVB15FS	-
	12PC	No	No	Yes	Yes	Yes	Yes			
	24PC	No	No	Yes	Yes	Yes	Yes			
17.5F	None	No	No	No	No	No	No	XRE0121PVB17.5FS	XREB121PVB17.5FS	XRE0122PVB17.5FS
	12PC	No	No	No	No	No	No			
	24PC	No	No	Yes	Yes	Yes	Yes			
20F	None	No	Yes	No	No	No	No	XRE0121PVB20FS	XREB121PVB20FS	XRE0122PVB20FS
	12PC	No	No	Yes	Yes	Yes	Yes			
	24PC	No	No	Yes	Yes	Yes	Yes			
22.5F	None	No	No	No	No	No	No	-	-	-
	12PC	No	No	No	No	No	No			
	24PC	No	No	No	No	No	No			
25F	None	No	Yes	No	No	No	Yes	XRE0121PVB25FS	XREB121PVB25FS	XRE0122PVB25FS
	12PC	No	No	Yes	Yes	Yes	Yes			
	24PC	No	No	Yes	Yes	Yes	Yes			
30F	None	No	No	No	No	No	No	XRE0121PVB30FS	XREB121PVB30FS	XRE0122PVB30FS
	12PC	No	No	Yes	Yes	Yes	Yes			
	24PC	No	No	Yes	Yes	Yes	Yes			

Remarks: Mounting : Vertical(PV)
Only available with plastic shaft
Push stroke : 0.5mm

/ / 13mm square / /		Country of origin : Japan								
Shaft	Detent	Detent Torque						Standard	Bushing	PIO Switch
		Heaviest 310gf.cm	Heavy 200gf.cm	Middle 80gf.cm	Medium 60gf.cm	Light 45gf.cm	Lightest 35gf.cm			
10F	None	No	No	No	Yes	Yes	RE0101PVB10F	-	-	
	12PC	No	No	Yes	Yes	Yes				
	24PC	No	No	Yes	Yes	Yes				
15F	None	No	No	No	Yes	Yes	RE0101PVB15F	-	-	
	12PC	No	No	Yes	Yes	Yes				
	24PC	No	No	Yes	Yes	Yes				
20F	None	No	No	No	Yes	Yes	RE0101PVB20F	-	-	
	12PC	No	No	Yes	Yes	Yes				
	24PC	No	No	Yes	Yes	Yes				
25F	None	No	No	No	Yes	Yes	RE0101PVB25F	-	-	
	12PC	No	No	Yes	Yes	Yes				
	24PC	No	No	Yes	Yes	Yes				

Remarks: Mounting : PV(Vertical)
Only available with plastic shaft

/ / 16mm Square / /		Country of origin : Japan								
Shaft	Detent	Detent Torque			Output Code			<Without PIO Switch>		<PIO Switch>
		Heavy 200gf.cm	Medium 60gf.cm	Light 45gf.cm	2 Bit INA	4Bit INB	4Bit GRY	-Vertical- (Plastic or Metal)	-Horizontal- (Plastic shaft)	-Vertical- (Metal shaft)
15F	None	Yes	No	Yes	Yes	Yes	No	REB161(2)PVB15FH	REB161PHD15FH	REB162PVB15F
	12PC	No	Yes	Yes	Yes	No	No	REB161(2)PVB15FH		
	16PC	No	No	No	No	No	No	-		
	24PC	No	Yes	Yes	Yes	Yes	No	REB161(2)PVB15FH		
17.5F	None	Yes	No	Yes	Yes	Yes	No	REB161(2)PVB17.5FH	REB161PHD17.5FH	REB162PVB17.5F
	12PC	No	No	No	No	No	No	REB162PVB17.5FH		
	16PC	No	No	No	No	No	No	-		
	24PC	No	Yes	Yes	Yes	Yes	No	REB161(2)PVB17.5FH		
20F	None	Yes	No	Yes	Yes	Yes	Yes	REB161(2)PVB20FH	REB161PHD20FH	REB162PVB20F
	12PC	No	Yes	Yes	Yes	No	No	REB161(2)PVB20FH		
	16PC	No	Yes	Yes	No	No	Yes	REB161(2)PVB20FH		
	24PC	No	Yes	Yes	Yes	Yes	No	REB161(2)PVB20FH		
22.5F	None	No	No	No	No	No	No	REB162PVB22.5F	-	REB162PVB22.5F
	12PC	No	No	No	No	No	No	REB162PVB22.5F		
	16PC	No	No	No	No	No	No	REB162PVB22.5F		
	24PC	No	No	No	No	No	No	REB162PVB22.5F		
25F	None	Yes	No	Yes	Yes	Yes	No	REB161(2)PVB25F	-	REB162PVB25F
	12PC	No	No	No	No	No	No	REB162PVB25F		
	16PC	No	No	No	No	No	No	REB162PVB25F		
	24PC	No	Yes	Yes	Yes	Yes	No	REB161(2)PVB25F		
30F	None	No	No	No	No	No	No	REB162PVB30F	-	REB162PVB30F
	12PC	No	No	No	No	No	No	REB162PVB30F		
	16PC	No	No	No	No	No	No	REB162PVB30F		
	24PC	No	No	No	No	No	No	REB162PVB30F		

Remarks: Mounting : PV(Vertical),PH(Horizontal)
Bushing: Plastic shaft (9x5) or (9x7)
Metal shaft (9x7)
Push stroke : 0.5mm
Heavy torque with O-ring is only available for 12 pulse (REB162 series)