

Technical drawing of a motor assembly showing front, side, and detail views with dimensions.

Front View Dimensions:

- $\phi Q1$: Dimension for the top mounting flange.
- $\phi Q2$: Dimension for the top mounting flange.
- V : Total height of the motor assembly.
- L : Height of the main motor body.
- $\phi E1$: Dimension for the main motor body flange.
- $n \times H$ on PCD J: Dimension for the main motor body flange.
- $\phi E2$: Dimension for the main motor body flange.
- $G1$: Dimension for the gear flange.
- $g1$: Gear module.

Side View Dimensions:

- D : Dimension for the top mounting flange.
- ϕC : Dimension for the main motor body flange.
- ϕB : Dimension for the main motor body flange.
- $4 \times Y$ on PCD S: Dimension for the main motor body flange.

General tolerance: Js13	<i>Cmm</i>	Automatic / manual coordinate-measuring machine	μm	Micrometer	<i>Cr</i>	Calliper rule	<i>Di</i>	Dial indicator	<i>Pg</i>	Plug gauge
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CASSA ESTERNA						PIGNONE IN USCITA						FLANGIA DEL MOTORE					
richiesta			misurata			richiesta			misurata			richiesta			misurata		
			B7391						M4130						-		
	E1	212h7 ⁰ _{-0,046}	μm	211,985	Scostamento (su 4 denti)						Ø	B		μm			
	E2	200h7 ⁰ _{-0,046}	μm	199,975		G1	44,27 ⁰ _{-0,03}	Cmm	44,255	Ø	C		μm				
n x H on PCD J		12 Ø9 on PCD 233	Cr	12 Ø9 on PCD 233		↗	g1	0,022	Di	0,005		D		Cr			
			Cr								Ø	S1		Cr			
	V	289	μm	289,25	Coppia in ingresso a vuoto						Ø	Y1		Pg			
	L	94	μm	93,91		linea 1			0,4 Nm								
Ø	Q1	25 ^{+0,009} _{-0,004}	μm	25,003							Livello di rumore						
Ø	Q2	25 ^{+0,009} _{-0,004}	μm	25,001				Linea	Rigidità		@1600 rpm entrata (dB(A))			68,0			

	Rigidità torsionale (Nm/arcmin)	1	243,75
	Rigidità radiale (N/μm)	1	572

REDEX

REDEX

Tel: +33 2 38 94 42 00
Fax: +33 2 38 94 42 99
Email: info@redex.fr