

DRP

Performance sheet

RX183/005-B

1/2

CUSTOMER: MHI

DISTRIBUTOR: S & F INC

DESIGNATION: DRP3+M.46.3.H.28/38

CODE: RX129412-13

CUSTOMER ORDER REF: 181022IB-1 MHI

REDEX ORDER REF: 213680

SERIAL NUMBER: 902843

MOTOR FLANGE CODE: RX128581-02

EXTERNAL DIMENSIONS & INTERFACES:

General tolerance: Js13

Cmm

Automatic / manual coordinate-measuring machine

µm

Micrometer

Cr

Calliper rule

Di

Dial indicator

Pg

Plug gauge

HOUSING

	requirement	measure
		B8843
	E	540 ⁰ _{-0,1} Cmm 539,965
	G	650 ^{+0,2} _{-0,2} Cmm 650,087
//	g	0,045 Cmm 0,018
//	t	0,045 Cmm 0,004
//	u	0,035 Cmm 0,007
//	v	0,045 Cmm 0,001
	W	135 Cmm 134,995
//	w	0,035 Cmm 0,002
	X	135 Cmm 135,025
//	x	0,035 Cmm 0,001
	H	270 ^{+0,04} _{-0,04} Cmm 270,02
//	h	0,02 Cmm 0,019
	A1	348,5 Cmm 349,254
	L1	101 Cmm 101,177
	A2	348,5 Cmm 349,165
	L2	101 Cmm 101,193

HOUSING

	requirement	measure
	O1	35 Cr 35
	P11	80 Cr 80
	P12	80 Cr 80
	M	245 ^{+0,1} _{-0,1} Cmm 244,922
	O2	35 Cr 35
	P21	80 Cr 80
	P22	80 Cr 80
Ø	T	M20 Pg M20

MOTOR FLANGE

	requirement	measure
Ø	B1	115 µm 115,04
Ø	C1	35 ^{+0,05} _{+0,025} µm 35,05
Ø	D1	8 Cr 8,51
Ø	S1	200 Cr 200
Ø	Y1	M12 Pg M12
Ø	B2	115 µm 114,97
Ø	C2	35 ^{+0,05} _{+0,025} µm 35,05
Ø	D2	8 Cr 8,49
Ø	S2	200 Cr 200
Ø	Y2	M12 Pg M12

OUTPUT PINION

	Pinion 1	Pinion 2
	M1616	M1611
	Span dimension over 3 teeth	
↗	G1	39,25 ⁰ _{-0,03} Cmm 39,225
	g1	0,022 Di 0,02
	Span dimension over 3 teeth	
↗	G2	39,25 ⁰ _{-0,03} Cmm 39,235
	g2	0,022 Di 0,015

No-load input torque

	Line 1	Line 2
	1 Nm	1 Nm

Line

Stiffness

	Line	Stiffness
Torsional stiffness (Nm/arcmin)	1	473,03
	2	473,03
Radial stiffness (N/µm)	1	868
	2	872

Noise level

	@1600 rpm input (dB(A))
	65,5

Date: 15/02/2019

Visa: C DE MIRANDA

Version: A

For the installation, please refer to User Manual DRP (182/009)

SPECIFIC REMARKS:

Product images are for illustrative purposes only.

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