

CUSTOMER:

JSC MZOR

CUSTOMER ORDER REF:

80/512-1-1 MZOR

DISTRIBUTOR:

REDEX ORDER REF:

214310

DESIGNATION:

DRP2+R.31.4.H

SERIAL NUMBER:

902783

CODE:

RX128950-12

MOTOR FLANGE CODE:

RX129627-01

Mechanical preload data

The preload torque of the gearbox in DUALDRIVE configuration depends on the application data and features of the gearbox.

The preload torque can be increased but must never exceed the maximum value indicated below.

A too important preload torque reduces the efficiency and the life expectancy of the gearbox and the rack.

Optimal preload torque Tp:	Following application
Maximum preload torque:	18,7 Nm

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

SPECIFIC REMARKS:

Product images are for illustrative purposes only.

EXTERNAL DIMENSIONS & INTERFACES:

SN: 902783

General tolerance: Js13				Cmm	Automatic / manual coordinate-measuring machine		µm	Micrometer		Cr	Calliper rule		Di	Dial indicator		Pg	Plug gauge		
HOUSING						HOUSING						MOTOR FLANGE							
requirement						measure		requirement				measure		requirement				measure	
						B11703						30						B9413	
	E	460 ^{0 -0,05}	Cmm	459,97			O1	30	Cr	30			Ø	B	180 ^{+0,054 +0,014}	µm	180,014		
	G	560 ^{+0,1 -0,1}	Cmm	560,022			P11	75	Cr	75			Ø	C	38 ^{+0,05 +0,025}	µm	38,04		
//	g	0,045	Cmm	0,011			M	210 ^{+0,1 -0,1}	Cmm	210,039				D	8	Cr	8,073		
//	t	0,045	Cmm	0,001			O2	30	Cr	30			Ø	S	215	Cr	215		
//	u	0,03	Cmm	0,002			P21	75	Cr	75			Ø	Y	M12	Pg	M16		
//	v	0,045	Cmm	0,002			P22	75	Cr	75									
	W	115	Cmm	114,994		Ø	T	M16	Pg	M16									
//	w	0,03	Cmm	0,003	OUTPUT PINION														
	X	115	Cmm	115,006	Pinion 1						M4150								
//	x	0,03	Cmm	0,004	Span dimension over 4 teeth														
	H	230 ^{+0,025 -0,025}	Cmm	230,001			G1	44,27 ^{0 -0,03}	Cmm	44,25									
//	h	0,02	Cmm	0,01		↗	g1	0,022	Di	0,005									
	V1	298	Cmm	298,335	Pinion 2						M2656								
	L1	85	Cmm	84,922	Span dimension over 4 teeth														
	V2	298	Cmm	298,259			G2	44,27 ^{0 -0,03}	Cmm	44,25								Torsional stiffness (Nm/arcmin)	1
	L2	85	Cmm	84,87			g2	0,022	Di	0,015			Radial stiffness (N/µm)	2	243,75				
Ø	Q1	25 ^{+0,009 -0,004}	Cmm	25,003	No-load input torque														
Ø	Q2	25 ^{+0,009 -0,004}	Cmm	24,999	Line											0,5 Nm			
	J1	/0	µm	0,02	Line 2											0,5 Nm			
	J2	/0	µm	0,02															
	J3	/0	µm	0,02															
Noise level																			
@1600 rpm input (dB(A))																			
73,5																			

Date:

12/07/2019

Version:

A

Visa:

P VASLIER