

DRP		Page
Performance sheet	RX183/005-B	1/2
CUSTOMER:	JSC SASTA	CUSTOMER ORDER REF: ANNEX 08 CONTRACT 64 SASTA
DISTRIBUTOR:		REDEX ORDER REF: 215671
DESIGNATION:	DRP3+R.91.4.H	SERIAL NUMBER: 905086
CODE:	RX128771-33	MOTOR FLANGE CODE: RX129630-02

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:	10 Nm

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

SPECIFIC REMARKS:

Product images are for illustrative purposes only.



ZI-BP79
F45210 FERRIERES
www.redex.fr

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

DRP		Page																																																																																																																																																																																																																																																																																																																																																																																																								
Performance sheet	RX183/005-B	2/2																																																																																																																																																																																																																																																																																																																																																																																																								
EXTERNAL DIMENSIONS & INTERFACES:		SN: 905086																																																																																																																																																																																																																																																																																																																																																																																																								
<table><tr><td>General tolerance: Js13</td><td>Cmm</td><td>Automatic / manual coordinate-measuring machine</td><td>µm</td><td>Micrometer</td><td>Cr</td><td>Calliper rule</td><td>Di</td><td>Dial indicator</td><td>Pg</td><td>Plug gauge</td></tr></table>			General tolerance: Js13	Cmm	Automatic / manual coordinate-measuring machine	µm	Micrometer	Cr	Calliper rule	Di	Dial indicator	Pg	Plug gauge																																																																																																																																																																																																																																																																																																																																																																																													
General tolerance: Js13	Cmm	Automatic / manual coordinate-measuring machine	µm	Micrometer	Cr	Calliper rule	Di	Dial indicator	Pg	Plug gauge																																																																																																																																																																																																																																																																																																																																																																																																
<table><tr><th colspan="4">HOUSING</th><th colspan="4">HOUSING</th><th colspan="4">MOTOR FLANGE</th></tr><tr><th colspan="4">requirement</th><th colspan="4">measure</th><th colspan="4">requirement</th><th colspan="4">measure</th></tr><tr><td colspan="4"></td><td colspan="4">D919</td><td colspan="4"></td><td colspan="4">D231</td></tr><tr><td></td><td>E</td><td>540</td><td>⁰_{-0,1}</td><td>Cmm</td><td>539,998</td><td></td><td>O1</td><td>35</td><td>Cr</td><td>35</td><td></td><td>Ø</td><td>B</td><td>130</td><td>^{+0,054}_{+0,014}</td><td>µm</td><td>130,035</td></tr><tr><td></td><td>G</td><td>650</td><td>^{+0,2}_{-0,2}</td><td>Cmm</td><td>650,057</td><td></td><td>P11</td><td>80</td><td>Cr</td><td>80</td><td></td><td>Ø</td><td>C</td><td>32</td><td>^{+0,05}_{+0,025}</td><td>µm</td><td>32,05</td></tr><tr><td>//</td><td>g</td><td>0,045</td><td></td><td>Cmm</td><td>0,019</td><td></td><td>M</td><td>245</td><td>^{+0,1}_{-0,1}</td><td>Cmm</td><td>244,989</td><td></td><td></td><td>D</td><td>5</td><td>Cr</td><td>5,04</td></tr><tr><td>//</td><td>t</td><td>0,045</td><td></td><td>Cmm</td><td>0,004</td><td></td><td>O2</td><td>35</td><td>Cr</td><td>35</td><td></td><td>Ø</td><td>S</td><td>165</td><td>Cr</td><td>165,015</td></tr><tr><td>//</td><td>u</td><td>0,035</td><td></td><td>Cmm</td><td>0,01</td><td></td><td>P21</td><td>80</td><td>Cr</td><td>80</td><td></td><td>Ø</td><td>Y</td><td>M10</td><td>Pg</td><td>M10</td></tr><tr><td>//</td><td>v</td><td>0,045</td><td></td><td>Cmm</td><td>0,004</td><td></td><td>P22</td><td>80</td><td>Cr</td><td>80</td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td>W</td><td>135</td><td></td><td>Cmm</td><td>134,988</td><td></td><td>Ø</td><td>T</td><td>M20</td><td>Pg</td><td>M20</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>//</td><td>w</td><td>0,035</td><td></td><td>Cmm</td><td>0,006</td><td></td><td colspan="4">OUTPUT PINION</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td>X</td><td>135</td><td></td><td>Cmm</td><td>135,011</td><td></td><td colspan="4">Pinion 1</td><td colspan="4">J68</td><td></td></tr><tr><td>//</td><td>x</td><td>0,035</td><td></td><td>Cmm</td><td>0,007</td><td></td><td colspan="4">Span dimension over 3 teeth</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td>H</td><td>270</td><td>^{+0,04}_{-0,04}</td><td>Cmm</td><td>269,999</td><td></td><td>G1</td><td>39,25</td><td>⁰_{-0,03}</td><td>Cmm</td><td>39,235</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>//</td><td>h</td><td>0,02</td><td></td><td>Cmm</td><td>0,014</td><td></td><td>g1</td><td>0,022</td><td>Di</td><td>0,015</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td>V1</td><td>357</td><td></td><td>Cmm</td><td>357,34</td><td></td><td colspan="4">Pinion 2</td><td colspan="4">J220</td><td></td></tr><tr><td></td><td>L1</td><td>101</td><td></td><td>Cmm</td><td>101,156</td><td></td><td colspan="4">Span dimension over 3 teeth</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td>V2</td><td>357</td><td></td><td>Cmm</td><td>357,229</td><td></td><td>G2</td><td>39,25</td><td>⁰_{-0,03}</td><td>Cmm</td><td>39,235</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td>L2</td><td>101</td><td></td><td>Cmm</td><td>101,091</td><td></td><td>g2</td><td>0,022</td><td>Di</td><td>0,02</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>Ø</td><td>Q1</td><td>30</td><td>^{+0,009}_{-0,004}</td><td>Cmm</td><td>30,006</td><td></td><td colspan="4">No-load input torque</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>Ø</td><td>Q2</td><td>30</td><td>^{+0,009}_{-0,004}</td><td>Cmm</td><td>30,006</td><td></td><td colspan="4">Line</td><td colspan="4">0,7 Nm</td><td></td></tr><tr><td></td><td>J1</td><td></td><td>/0</td><td>Di</td><td>-0,03</td><td></td><td colspan="4">Line 2</td><td colspan="4">0,6 Nm</td><td></td></tr><tr><td></td><td>J2</td><td></td><td>/0</td><td>Di</td><td>-0,02</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td>J3</td><td></td><td>/0</td><td>Di</td><td>-0,04</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr></table>			HOUSING				HOUSING				MOTOR FLANGE				requirement				measure				requirement				measure								D919								D231					E	540	⁰ _{-0,1}	Cmm	539,998		O1	35	Cr	35		Ø	B	130	^{+0,054} _{+0,014}	µm	130,035		G	650	^{+0,2} _{-0,2}	Cmm	650,057		P11	80	Cr	80		Ø	C	32	^{+0,05} _{+0,025}	µm	32,05	//	g	0,045		Cmm	0,019		M	245	^{+0,1} _{-0,1}	Cmm	244,989			D	5	Cr	5,04	//	t	0,045		Cmm	0,004		O2	35	Cr	35		Ø	S	165	Cr	165,015	//	u	0,035		Cmm	0,01		P21	80	Cr	80		Ø	Y	M10	Pg	M10	//	v	0,045		Cmm	0,004		P22	80	Cr	80								W	135		Cmm	134,988		Ø	T	M20	Pg	M20						//	w	0,035		Cmm	0,006		OUTPUT PINION										X	135		Cmm	135,011		Pinion 1				J68					//	x	0,035		Cmm	0,007		Span dimension over 3 teeth										H	270	^{+0,04} _{-0,04}	Cmm	269,999		G1	39,25	⁰ _{-0,03}	Cmm	39,235						//	h	0,02		Cmm	0,014		g1	0,022	Di	0,015							V1	357		Cmm	357,34		Pinion 2				J220						L1	101		Cmm	101,156		Span dimension over 3 teeth										V2	357		Cmm	357,229		G2	39,25	⁰ _{-0,03}	Cmm	39,235							L2	101		Cmm	101,091		g2	0,022	Di	0,02						Ø	Q1	30	^{+0,009} _{-0,004}	Cmm	30,006		No-load input torque									Ø	Q2	30	^{+0,009} _{-0,004}	Cmm	30,006		Line				0,7 Nm						J1		/0	Di	-0,03		Line 2				0,6 Nm						J2		/0	Di	-0,02												J3		/0	Di	-0,04										
HOUSING				HOUSING				MOTOR FLANGE																																																																																																																																																																																																																																																																																																																																																																																																		
requirement				measure				requirement				measure																																																																																																																																																																																																																																																																																																																																																																																														
				D919								D231																																																																																																																																																																																																																																																																																																																																																																																														
	E	540	⁰ _{-0,1}	Cmm	539,998		O1	35	Cr	35		Ø	B	130	^{+0,054} _{+0,014}	µm	130,035																																																																																																																																																																																																																																																																																																																																																																																									
	G	650	^{+0,2} _{-0,2}	Cmm	650,057		P11	80	Cr	80		Ø	C	32	^{+0,05} _{+0,025}	µm	32,05																																																																																																																																																																																																																																																																																																																																																																																									
//	g	0,045		Cmm	0,019		M	245	^{+0,1} _{-0,1}	Cmm	244,989			D	5	Cr	5,04																																																																																																																																																																																																																																																																																																																																																																																									
//	t	0,045		Cmm	0,004		O2	35	Cr	35		Ø	S	165	Cr	165,015																																																																																																																																																																																																																																																																																																																																																																																										
//	u	0,035		Cmm	0,01		P21	80	Cr	80		Ø	Y	M10	Pg	M10																																																																																																																																																																																																																																																																																																																																																																																										
//	v	0,045		Cmm	0,004		P22	80	Cr	80																																																																																																																																																																																																																																																																																																																																																																																																
	W	135		Cmm	134,988		Ø	T	M20	Pg	M20																																																																																																																																																																																																																																																																																																																																																																																															
//	w	0,035		Cmm	0,006		OUTPUT PINION																																																																																																																																																																																																																																																																																																																																																																																																			
	X	135		Cmm	135,011		Pinion 1				J68																																																																																																																																																																																																																																																																																																																																																																																															
//	x	0,035		Cmm	0,007		Span dimension over 3 teeth																																																																																																																																																																																																																																																																																																																																																																																																			
	H	270	^{+0,04} _{-0,04}	Cmm	269,999		G1	39,25	⁰ _{-0,03}	Cmm	39,235																																																																																																																																																																																																																																																																																																																																																																																															
//	h	0,02		Cmm	0,014		g1	0,022	Di	0,015																																																																																																																																																																																																																																																																																																																																																																																																
	V1	357		Cmm	357,34		Pinion 2				J220																																																																																																																																																																																																																																																																																																																																																																																															
	L1	101		Cmm	101,156		Span dimension over 3 teeth																																																																																																																																																																																																																																																																																																																																																																																																			
	V2	357		Cmm	357,229		G2	39,25	⁰ _{-0,03}	Cmm	39,235																																																																																																																																																																																																																																																																																																																																																																																															
	L2	101		Cmm	101,091		g2	0,022	Di	0,02																																																																																																																																																																																																																																																																																																																																																																																																
Ø	Q1	30	^{+0,009} _{-0,004}	Cmm	30,006		No-load input torque																																																																																																																																																																																																																																																																																																																																																																																																			
Ø	Q2	30	^{+0,009} _{-0,004}	Cmm	30,006		Line				0,7 Nm																																																																																																																																																																																																																																																																																																																																																																																															
	J1		/0	Di	-0,03		Line 2				0,6 Nm																																																																																																																																																																																																																																																																																																																																																																																															
	J2		/0	Di	-0,02																																																																																																																																																																																																																																																																																																																																																																																																					
	J3		/0	Di	-0,04																																																																																																																																																																																																																																																																																																																																																																																																					
<table><tr><td>Date:</td><td>20/05/2021</td><td>Visa:</td><td>C DE MIRANDA</td></tr><tr><td>Version:</td><td>A</td><td></td><td></td></tr></table>			Date:	20/05/2021	Visa:	C DE MIRANDA	Version:	A																																																																																																																																																																																																																																																																																																																																																																																																		
Date:	20/05/2021	Visa:	C DE MIRANDA																																																																																																																																																																																																																																																																																																																																																																																																							
Version:	A																																																																																																																																																																																																																																																																																																																																																																																																									
Product images are for illustrative purposes only.																																																																																																																																																																																																																																																																																																																																																																																																										



ZI-BP79
F45210 FERRIERES
www.redex.fr

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