

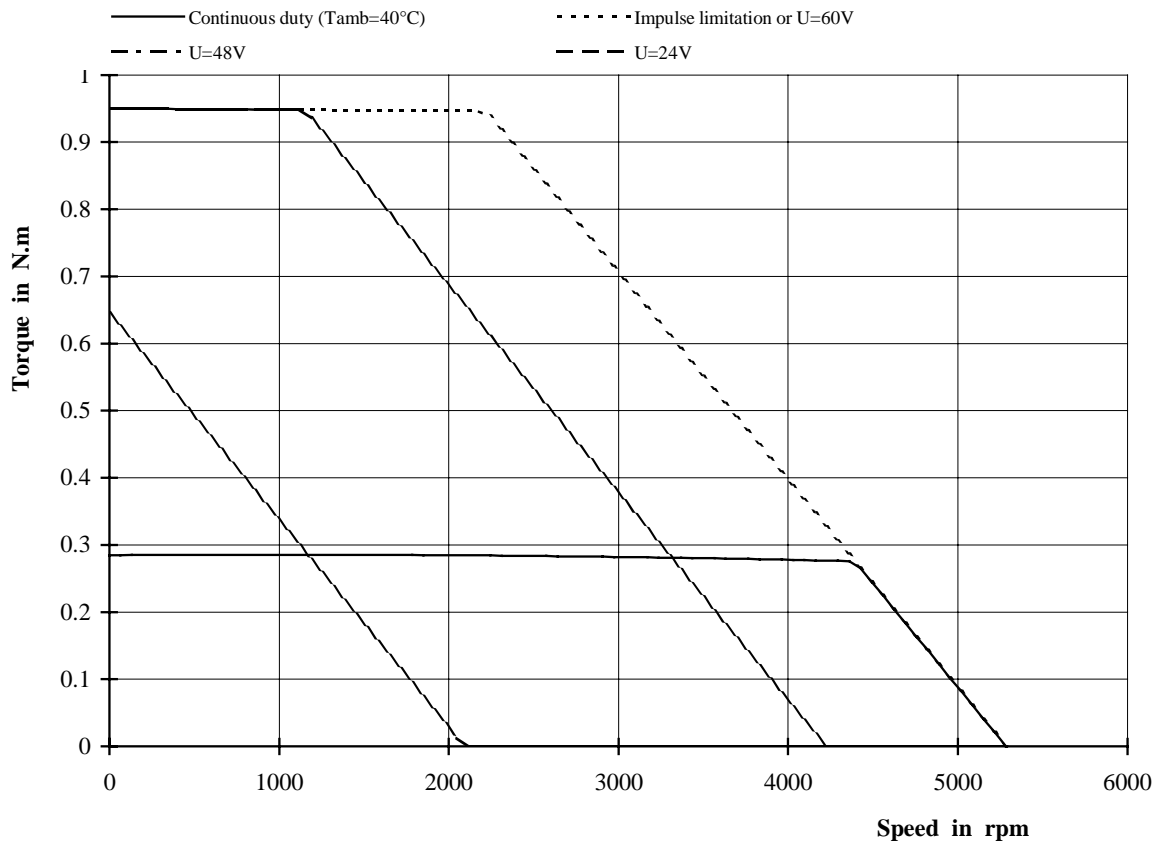
DC-SERVOMOTOR
RX120L

PARVEX

8 avenue du Lac
BP249
F-21007 DIJON Cedex

Low speed torque	0.285	N.m	<i>M₀</i>
Permanent current at low speed	2.8	A	<i>I₀</i>
Supply voltage with loaded motor	45	V	<i>U</i>
Definition speed	3000	rpm	<i>N</i>
Maximum supply voltage	60	V	<i>U_{max}</i>
Maximum speed	5300	rpm	<i>N_{max}</i>
Peak current	9	A	<i>I_{max}</i>
Back emf constant at 1000 rpm (25°C)*	11.2	V	<i>K_e</i>
Torque constant	0.107	N.m/A	<i>K_t</i>
Static friction torque	1.2	N.cm	<i>T_f</i>
Viscous damping for 1000 rpm	0.19	N.cm	<i>K_d</i>
Winding resistance(25°C)	2.7	Ω	<i>R_b</i>
Winding inductance	7.5	mH	<i>L</i>
Rotor inertia	0.00005	kg.m ²	<i>J</i>
Thermal time constant	11	min	<i>T_{th}</i>
Motor mass	1.35	kg	<i>M</i>

All data are given in typical values under standard conditions



FICHER-001

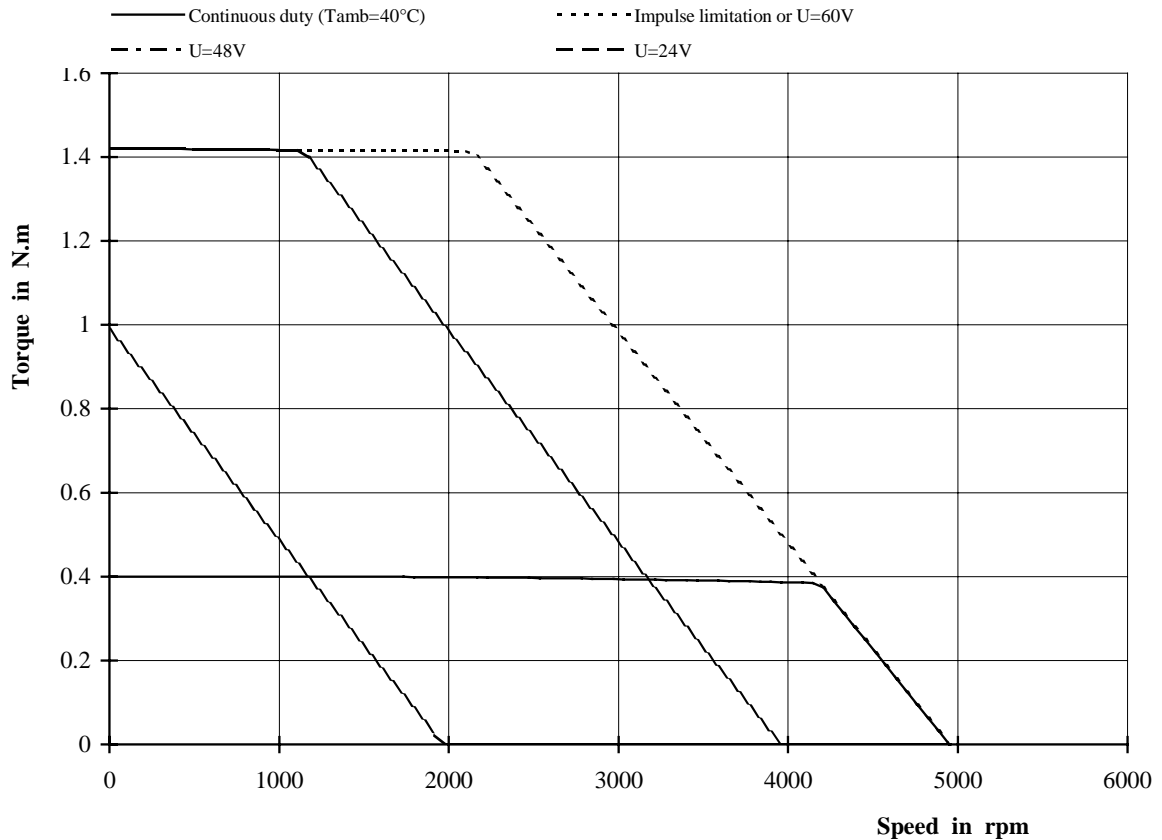
DC-SERVOMOTOR
RX130H

PARVEX

8 avenue du Lac
BP249
F-21007 DIJON Cedex

Low speed torque	0.4	N.m	<i>M₀</i>
Permanent current at low speed	3.6	A	<i>I₀</i>
Supply voltage with loaded motor	46	V	<i>U</i>
Definition speed	3000	rpm	<i>N</i>
Maximum supply voltage	60	V	<i>U_{max}</i>
Maximum speed	4950	rpm	<i>N_{max}</i>
Peak current	12.5	A	<i>I_{max}</i>
Back emf constant at 1000 rpm (25°C)*	12	V	<i>K_e</i>
Torque constant	0.115	N.m/A	<i>K_t</i>
Static friction torque	1.2	N.cm	<i>T_f</i>
Viscous damping for 1000 rpm	0.26	N.cm	<i>K_d</i>
Winding resistance(25°C)	1.84	Ω	<i>R_b</i>
Winding inductance	5.3	mH	<i>L</i>
Rotor inertia	0.000068	kg.m ²	<i>J</i>
Thermal time constant	11	min	<i>T_{th}</i>
Motor mass	1.6	kg	<i>M</i>

All data are given in typical values under standard conditions



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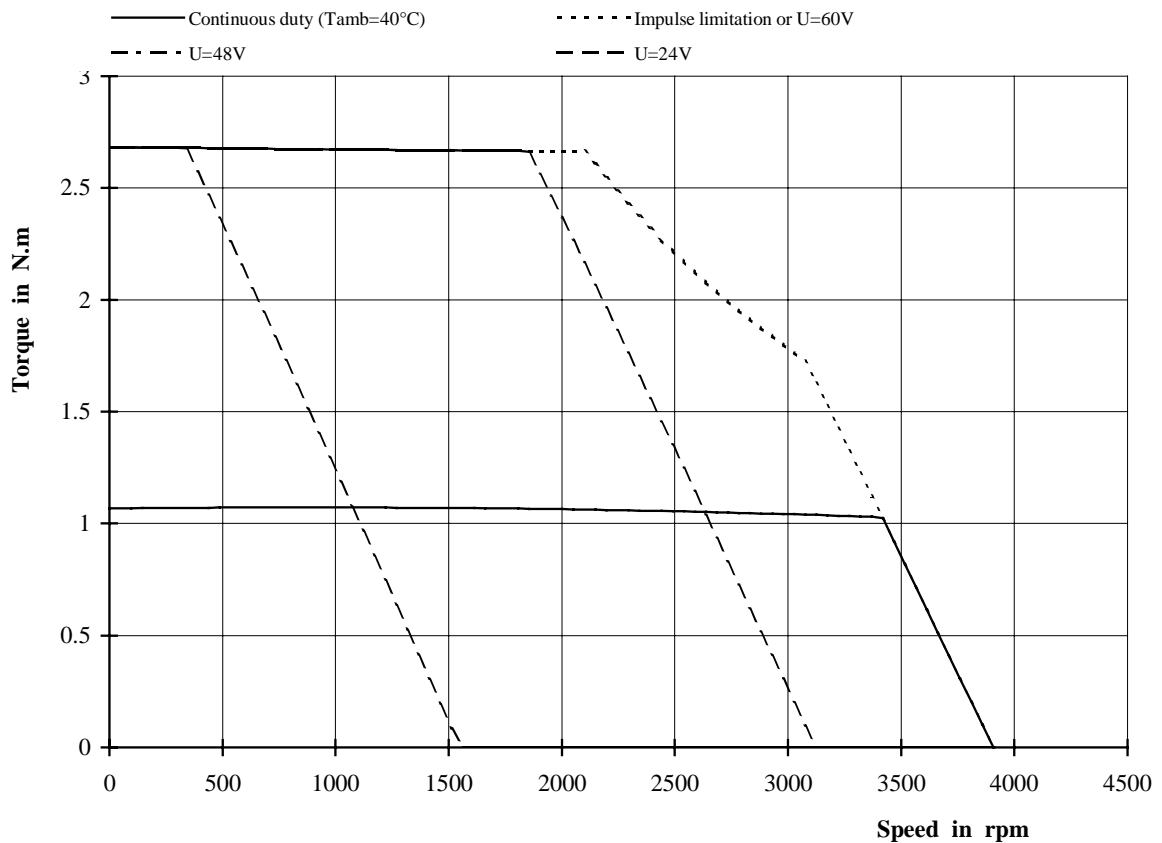
DC-S ERVOMOTOR
RX320E

PARVEX

8 avenue du Lac
 BP249
 F-21007 DIJON Cedex

Low speed torque	1.08	N.m	<i>M₀</i>
Permanent current at low speed	7.8	A	<i>I₀</i>
Supply voltage with loaded motor	54	V	<i>U</i>
Definition speed	3000	rpm	<i>N</i>
Maximum supply voltage	60	V	<i>U_{max}</i>
Maximum speed	3900	rpm	<i>N_{max}</i>
Peak current	20	A	<i>I_{max}</i>
Back emf constant at 1000 rpm (25°C)*	15.2	V	<i>K_e</i>
Torque constant	0.145	N.m/A	<i>K_t</i>
Static friction torque	5	N.cm	<i>T_f</i>
Viscous damping for 1000 rpm	0.9	N.cm	<i>K_d</i>
Winding resistance(25°C)	0.56	Ω	<i>R_b</i>
Winding inductance	5.3	mH	<i>L</i>
Rotor inertia	0.0005	kg.m ²	<i>J</i>
Thermal time constant	13.5	min	<i>T_{th}</i>
Motor mass	4	kg	<i>M</i>

All data are given in typical values under standard conditions



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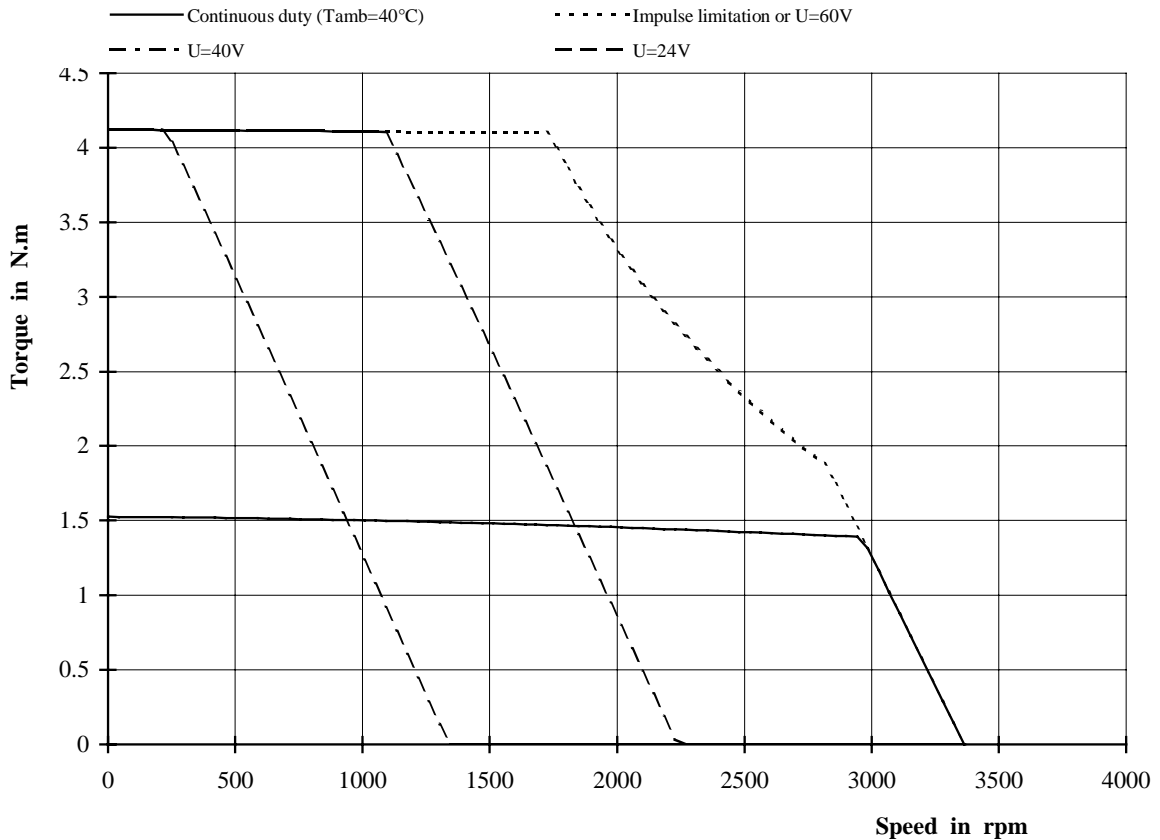
DC-SERVOMOTOR
RX330C

PARVEX

8 avenue du Lac
BP249
F-21007 DIJON Cedex

Low speed torque	1.54	N.m	M_0
Permanent current at low speed	9.4	A	I_0
Supply voltage with loaded motor	59	V	U
Definition speed	2900	rpm	N
Maximum supply voltage	60	V	U_{max}
Maximum speed	3360	rpm	N_{max}
Peak current	26	A	I_{max}
Back emf constant at 1000 rpm (25°C)*	17.7	V	K_e
Torque constant	0.17	N.m/A	K_t
Static friction torque	5	N.cm	T_f
Viscous damping for 1000 rpm	1.2	N.cm	K_d
Winding resistance(25°C)	0.45	Ω	R_b
Winding inductance	4.6	mH	L
Rotor inertia	0.00072	kg.m ²	J
Thermal time constant	13.5	min	T_{th}
Motor mass	5.2	kg	M

All data are given in typical values under standard conditions



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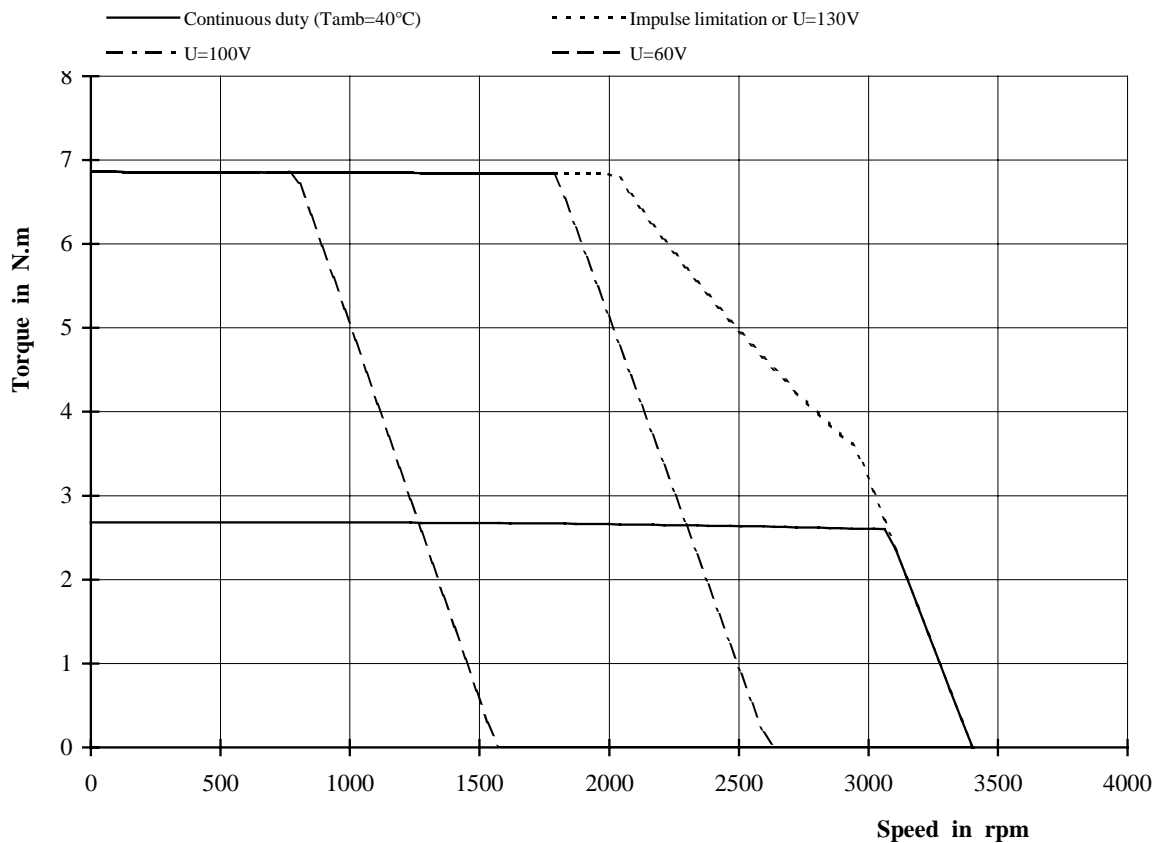
DC-SERVOMOTOR
RX520K

PARVEX

8 avenue du Lac
BP249
F-21007 DIJON Cedex

Low speed torque	2.7	N.m	M_o
Permanent current at low speed	7.7	A	I_o
Supply voltage with loaded motor	120	V	U
Definition speed	2800	rpm	N
Maximum supply voltage	130	V	U_{max}
Maximum speed	3400	rpm	N_{max}
Peak current	20	A	I_{max}
Back emf constant at 1000 rpm (25°C)*	38	V	K_e
Torque constant	0.36	N.m/A	K_t
Static friction torque	10	N.cm	T_f
Viscous damping for 1000 rpm	1.2	N.cm	K_d
Winding resistance(25°C)	0.76	Ω	R_b
Winding inductance	5.4	mH	L
Rotor inertia	0.00128	kg.m ²	J
Thermal time constant	18.2	min	T_{th}
Motor mass	6.6	kg	M

All data are given in typical values under standard conditions



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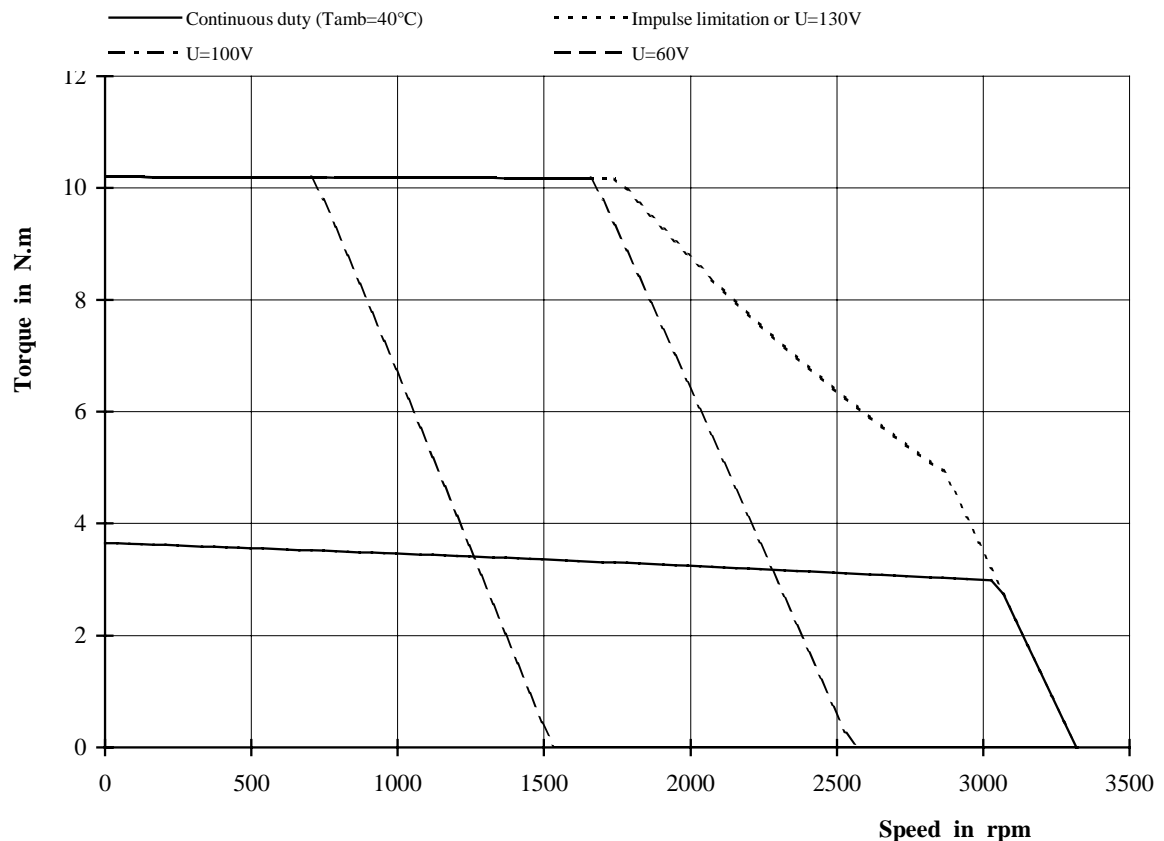
DC-S ERVOMOTOR
RX530F

PARVEX

8 avenue du Lac
BP249
F-21007 DIJON Cedex

Low speed torque	3.7	N.m	M_o
Permanent current at low speed	10.3	A	I_o
Supply voltage with loaded motor	116	V	U
Definition speed	2700	rpm	N
Maximum supply voltage	130	V	U_{max}
Maximum speed	3300	rpm	N_{max}
Peak current	30	A	I_{max}
Back emf constant at 1000 rpm (25°C)*	39	V	K_e
Torque constant	0.37	N.m/A	K_t
Static friction torque	10	N.cm	T_f
Viscous damping for 1000 rpm	1.7	N.cm	K_d
Winding resistance(25°C)	0.48	Ω	R_b
Winding inductance	3.6	mH	L
Rotor inertia	0.00174	kg.m ²	J
Thermal time constant	18	min	T_{th}
Motor mass	8.7	kg	M

All data are given in typical values under standard conditions



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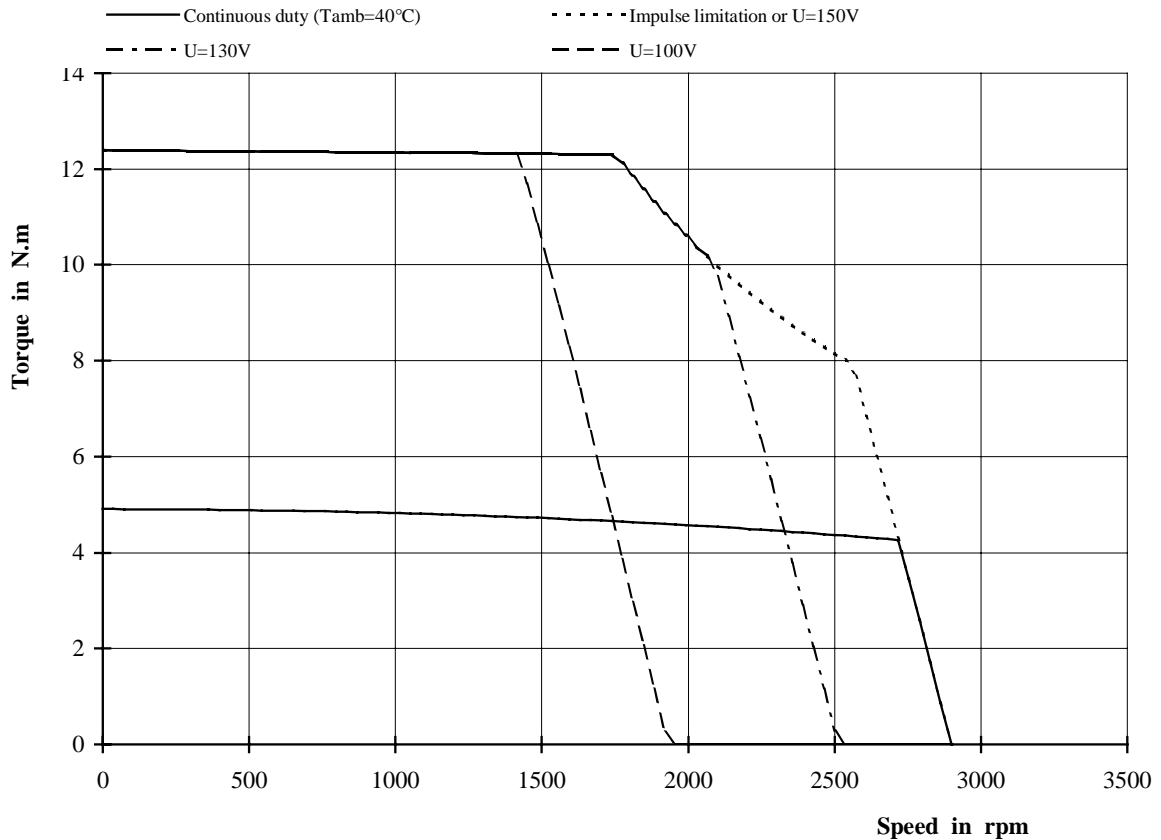
DC-SERVOMOTOR
RX620J

PARVEX

8 avenue du Lac
 BP249
 F-21007 DIJON Cedex

Low speed torque	5	N.m	M_o
Permanent current at low speed	10.5	A	I_o
Supply voltage with loaded motor	134	V	U
Definition speed	2400	rpm	N
Maximum supply voltage	150	V	U_{max}
Maximum speed	2900	rpm	N_{max}
Peak current	27	A	I_{max}
Back emf constant at 1000 rpm (25°C)*	52	V	K_e
Torque constant	0.49	N.m/A	K_t
Static friction torque	18	N.cm	T_f
Viscous damping for 1000 rpm	4.8	N.cm	K_d
Winding resistance(25°C)	0.49	Ω	R_b
Winding inductance	4.3	mH	L
Rotor inertia	0.0035	kg.m ²	J
Thermal time constant	26.5	min	T_{th}
Motor mass	13	kg	M

All data are given in typical values under standard conditions



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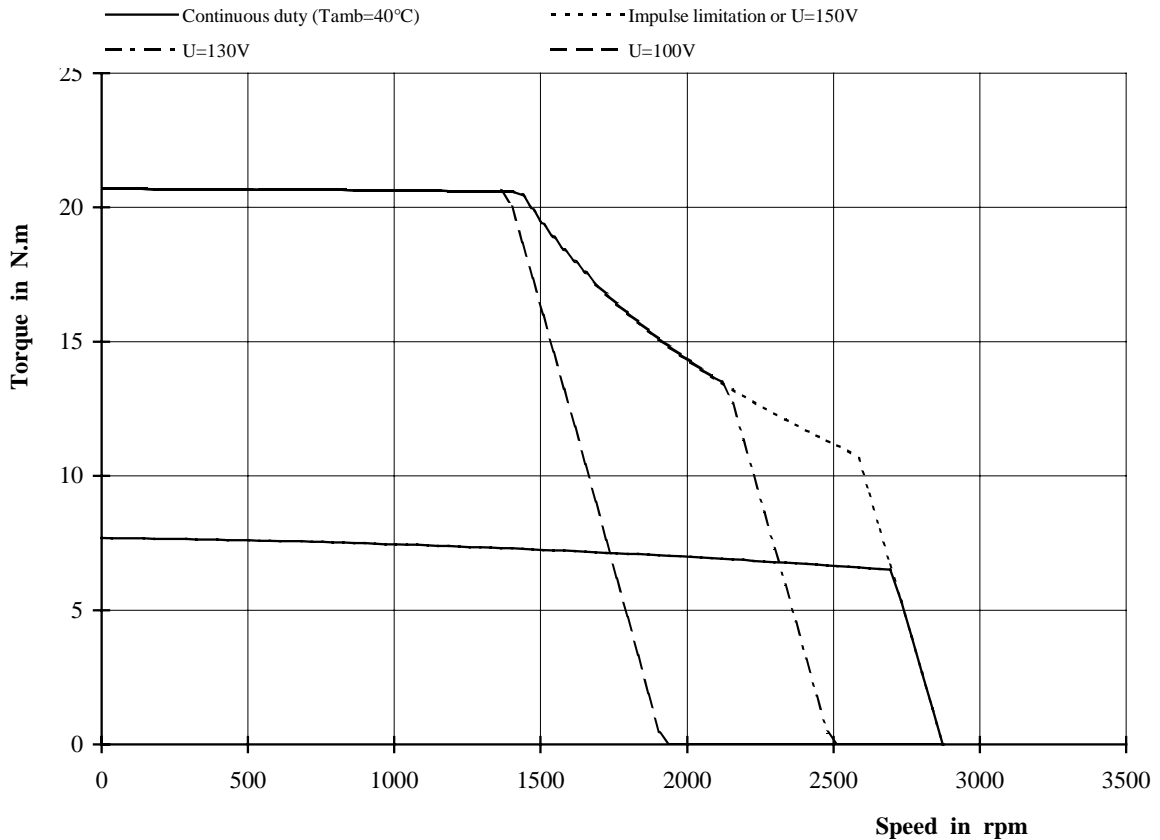
DC-SERVOMOTOR
RX630E

PARVEX

8 avenue du Lac
 BP249
 F-21007 DIJON Cedex

Low speed torque	7.8	N.m	<i>Mo</i>
Permanent current at low speed	16	A	<i>Io</i>
Supply voltage with loaded motor	134	V	<i>U</i>
Definition speed	2400	rpm	<i>N</i>
Maximum supply voltage	150	V	<i>Umax</i>
Maximum speed	2900	rpm	<i>Nmax</i>
Peak current	45	A	<i>Imax</i>
Back emf constant at 1000 rpm (25°C)*	52	V	<i>Ke</i>
Torque constant	0.5	N.m/A	<i>Kt</i>
Static friction torque	18	N.cm	<i>Tf</i>
Viscous damping for 1000 rpm	6.5	N.cm	<i>Kd</i>
Winding resistance(25°C)	0.246	Ω	<i>Rb</i>
Winding inductance	2.6	mH	<i>L</i>
Rotor inertia	0.005	kg.m ²	<i>J</i>
Thermal time constant	26	min	<i>Tth</i>
Motor mass	18.5	kg	<i>M</i>

All data are given in typical values under standard conditions



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