DC-SERVOMOTOR

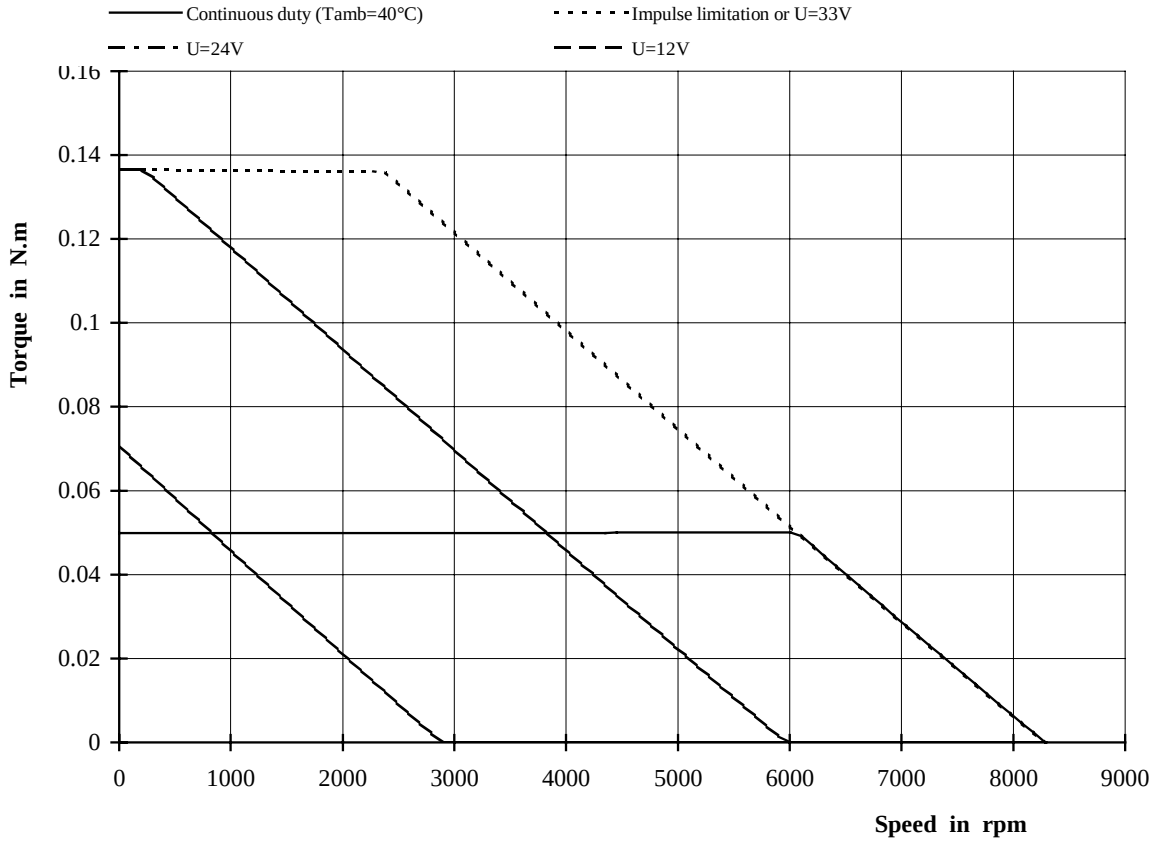
RS110M

PARVEX

8 avenue du Lac
BP249
F-21007 DIJON Cedex

Low speed torque	***0.05***	*N.m*	*Mo*
Permanent current at low speed	***1.5***	*A*	*Io*
Supply voltage with loaded motor	***20.7***	*V*	*U*
Definition speed	***3000***	*rpm*	*N*
Maximum supply voltage	***33***	*V*	*Umax*
Maximum speed	***8300***	*rpm*	*Nmax*
Peak current	***4***	*A*	*Imax*
*Back emf constant at 1000 rpm (25°C)**	***3.85***	*V*	*Ke*
Torque constant	***0.037***	*N.m/A*	*Kt*
Static friction torque	***0.5***	*N.cm*	*Tf*
Viscous damping for 1000 rpm	***0.015***	*N.cm*	*Kd*
Winding resistance(25°C)	***4.5***	*Ω*	*Rb*
Winding inductance	***1.6***	*mH*	*L*
Rotor inertia	***0.0000024***	*kg.m²*	*J*
Thermal time constant	***4.2***	*min*	*Tth*
Motor mass	***0.29***	*kg*	*M*

All data are given in typical values under standard conditions



FICHER-001

DC-SERVOMOTOR

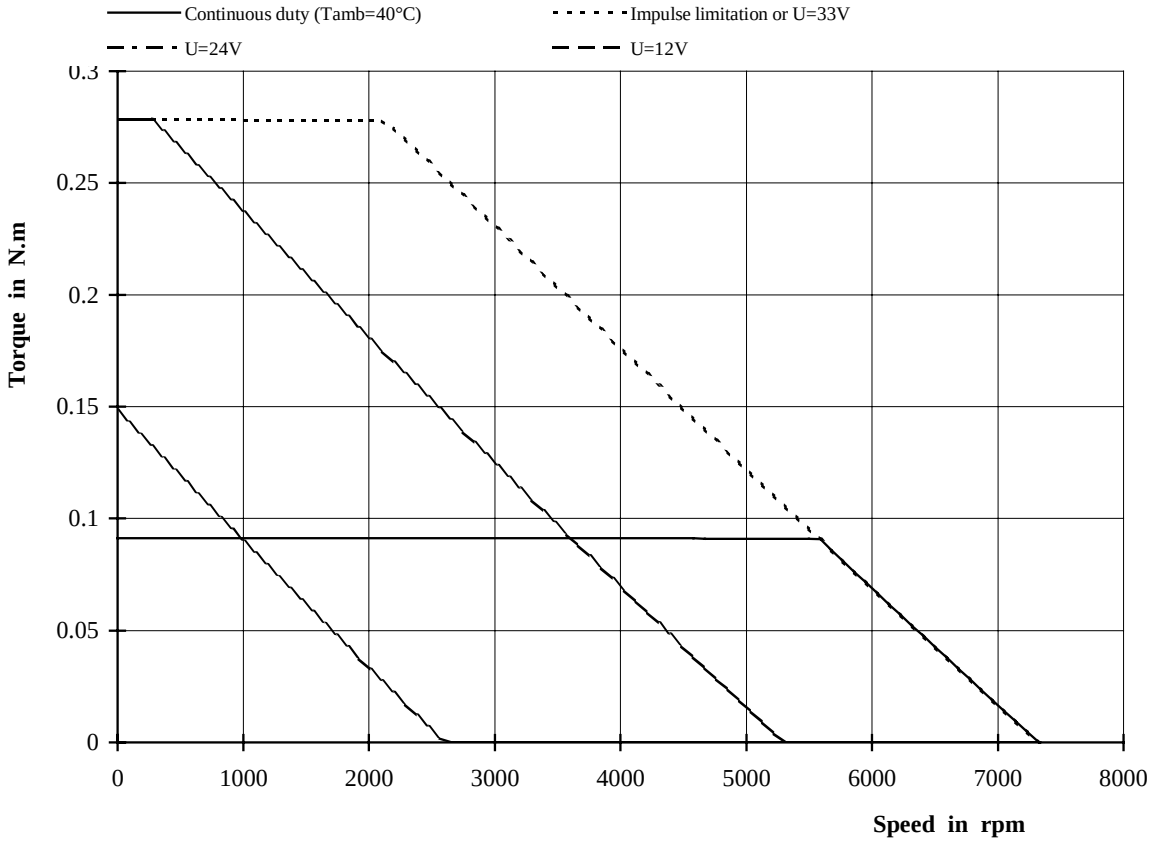
RS120G

PARVEX

8 avenue du Lac
BP249
F-21007 DIJON Cedex

Low speed torque	***0.092***	*N.m*	*Mo*
Permanent current at low speed	***2.3***	*A*	*Io*
Supply voltage with loaded motor	***21***	*V*	*U*
Definition speed	***3000***	*rpm*	*N*
Maximum supply voltage	***33***	*V*	*Umax*
Maximum speed	***7300***	*rpm*	*Nmax*
Peak current	***7***	*A*	*Imax*
*Back emf constant at 1000 rpm (25°C)**	***4.4***	*V*	*Ke*
Torque constant	***0.042***	*N.m/A*	*Kt*
Static friction torque	***0.6***	*N.cm*	*Tf*
Viscous damping for 1000 rpm	***0.024***	*N.cm*	*Kd*
Winding resistance(25°C)	***2.3***	*Ω*	*Rb*
Winding inductance	***1.1***	*mH*	*L*
Rotor inertia	***0.0000041***	*kg.m²*	*J*
Thermal time constant	***5.2***	*min*	*Tth*
Motor mass	***0.39***	*kg*	*M*

All data are given in typical values under standard conditions



FICHER-001

DC-SERVOMOTOR

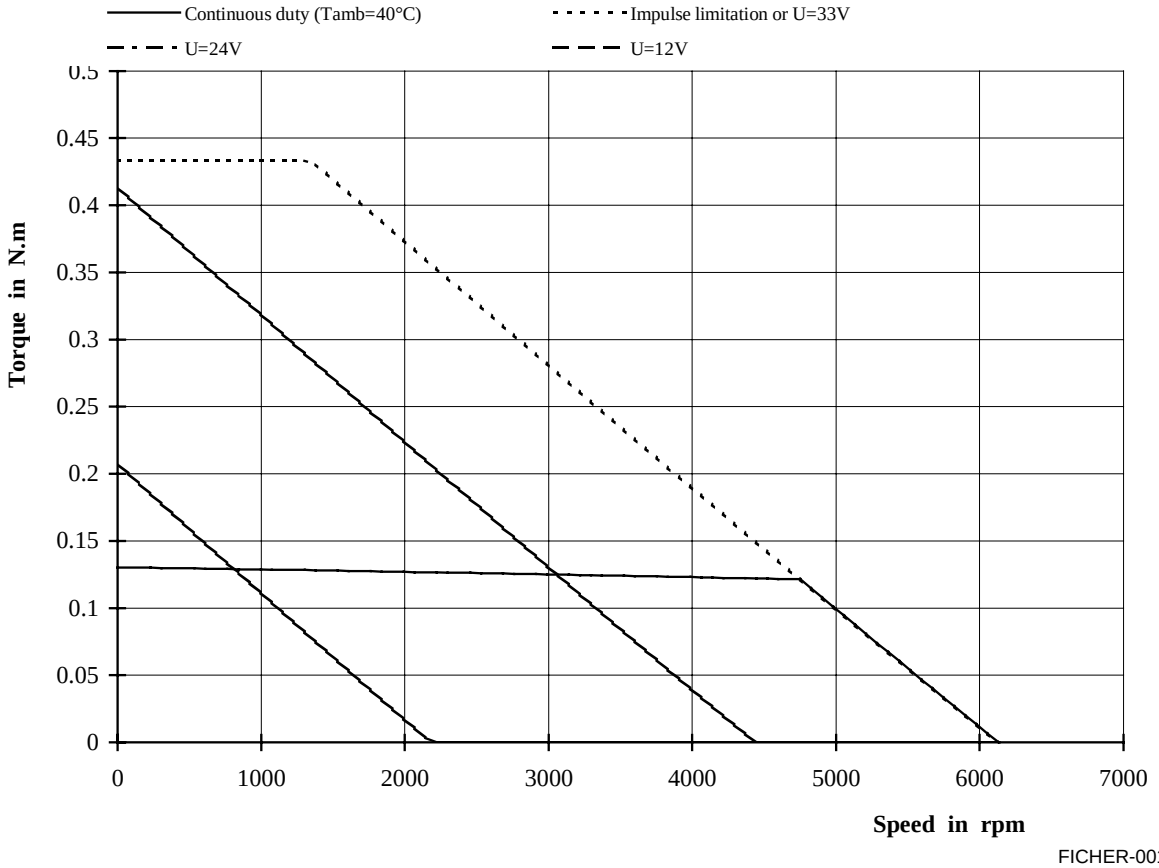
RS130E

PARVEX

8 avenue du Lac
BP249
F-21007 DIJON Cedex

Low speed torque	***0.13***	*N.m*	*Mo*
Permanent current at low speed	***2.7***	*A*	*Io*
Supply voltage with loaded motor	***24***	*V*	*U*
Definition speed	***3000***	*rpm*	*N*
Maximum supply voltage	***33***	*V*	*Umax*
Maximum speed	***6100***	*rpm*	*Nmax*
Peak current	***9***	*A*	*Imax*
*Back emf constant at 1000 rpm (25°C)**	***5.3***	*V*	*Ke*
Torque constant	***0.051***	*N.m/A*	*Kt*
Static friction torque	***0.7***	*N.cm*	*Tf*
Viscous damping for 1000 rpm	***0.033***	*N.cm*	*Kd*
Winding resistance(25°C)	***1.93***	*Ω*	*Rb*
Winding inductance	***1***	*mH*	*L*
Rotor inertia	***0.0000058***	*kg.m²*	*J*
Thermal time constant	***6***	*min*	*Tth*
Motor mass	***0.49***	*kg*	*M*

All data are given in typical values under standard conditions



FICHER-001

DC-SERVOMOTOR

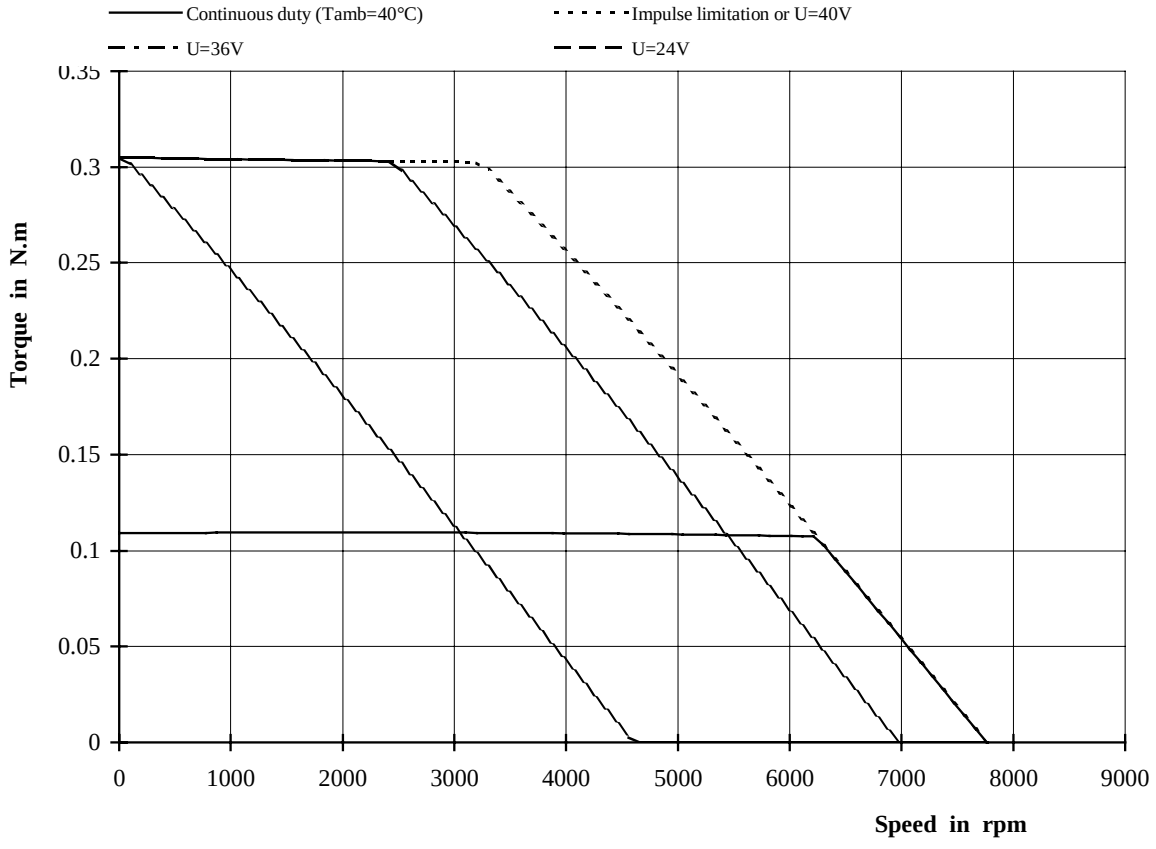
RS210L

PARVEX

8 avenue du Lac
BP249
F-21007 DIJON Cedex

Low speed torque	***0.11***	*N.m*	*Mo*
Permanent current at low speed	***2.5***	*A*	*Io*
Supply voltage with loaded motor	***24***	*V*	*U*
Definition speed	***3000***	*rpm*	*N*
Maximum supply voltage	***40***	*V*	*Umax*
Maximum speed	***7800***	*rpm*	*Nmax*
Peak current	***7***	*A*	*Imax*
*Back emf constant at 1000 rpm (25°C)**	***5***	*V*	*Ke*
Torque constant	***0.048***	*N.m/A*	*Kt*
Static friction torque	***1.05***	*N.cm*	*Tf*
Viscous damping for 1000 rpm	***0.08***	*N.cm*	*Kd*
Winding resistance(25°C)	***2.33***	*Ω*	*Rb*
Winding inductance	***1.1***	*mH*	*L*
Rotor inertia	***0.000013***	*kg.m²*	*J*
Thermal time constant	***5***	*min*	*Tth*
Motor mass	***0.53***	*kg*	*M*

All data are given in typical values under standard conditions



FICHER-001

DC-SERVOMOTOR

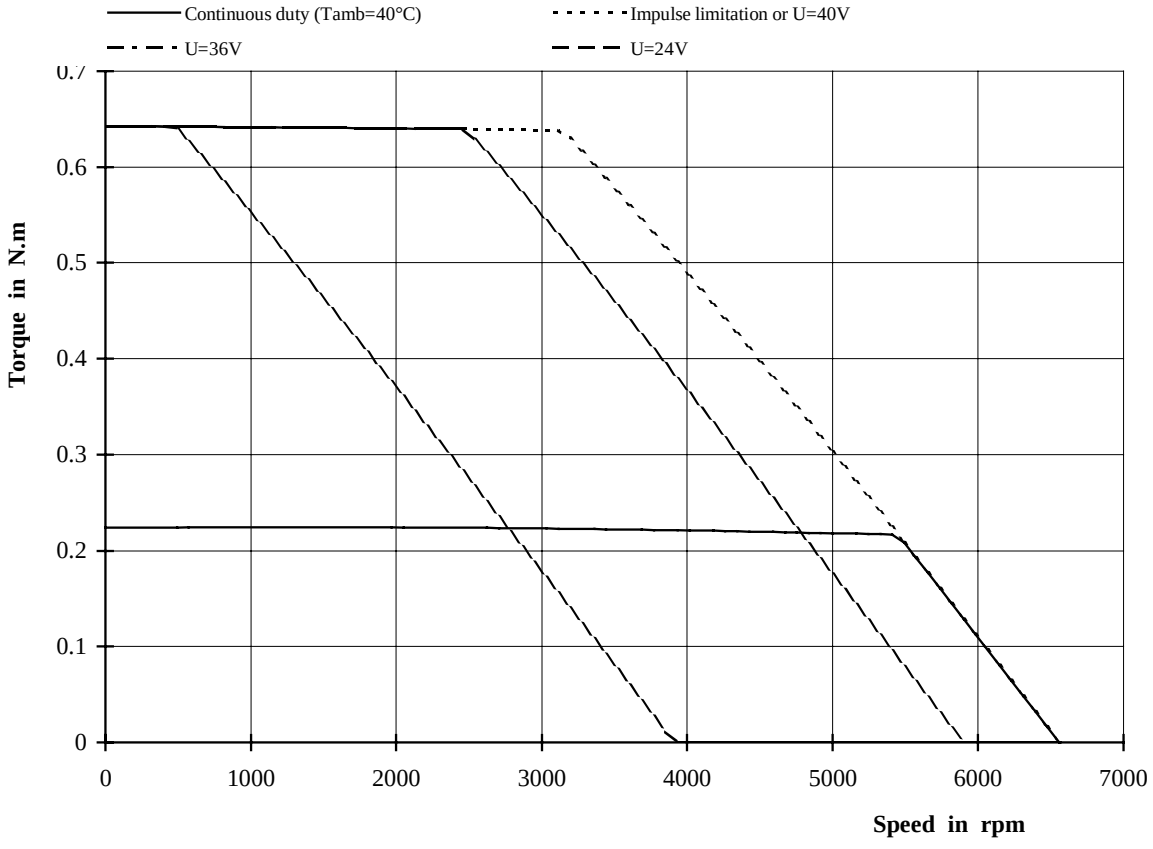
RS220F

PARVEX

8 avenue du Lac
BP249
F-21007 DIJON Cedex

Low speed torque	***0.225***	*N.m*	*Mo*
Permanent current at low speed	***4.1***	*A*	*Io*
Supply voltage with loaded motor	***25.4***	*V*	*U*
Definition speed	***3000***	*rpm*	*N*
Maximum supply voltage	***40***	*V*	*Umax*
Maximum speed	***6600***	*rpm*	*Nmax*
Peak current	***12***	*A*	*Imax*
*Back emf constant at 1000 rpm (25°C)**	***6***	*V*	*Ke*
Torque constant	***0.057***	*N.m/A*	*Kt*
Static friction torque	***1.2***	*N.cm*	*Tf*
Viscous damping for 1000 rpm	***0.14***	*N.cm*	*Kd*
Winding resistance(25°C)	***1.12***	*Ω*	*Rb*
Winding inductance	***0.65***	*mH*	*L*
Rotor inertia	***0.0000195***	*kg.m²*	*J*
Thermal time constant	***6.9***	*min*	*Tth*
Motor mass	***0.7***	*kg*	*M*

All data are given in typical values under standard conditions



FICHER-001

DC-SERVOMOTOR

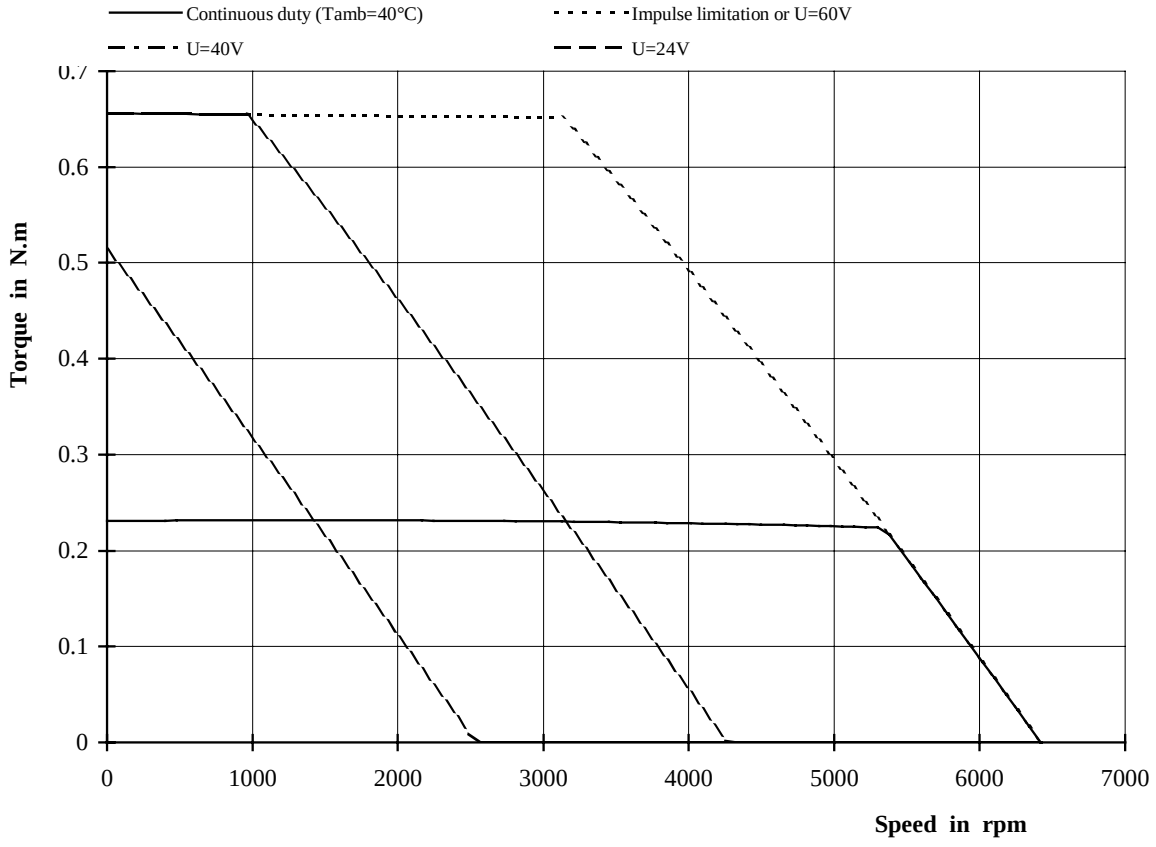
RS220K

PARVEX

8 avenue du Lac
BP249
F-21007 DIJON Cedex

Low speed torque	***0.232***	*N.m*	*Mo*
Permanent current at low speed	***2.8***	*A*	*Io*
Supply voltage with loaded motor	***39***	*V*	*U*
Definition speed	***3000***	*rpm*	*N*
Maximum supply voltage	***60***	*V*	*Umax*
Maximum speed	***6400***	*rpm*	*Nmax*
Peak current	***8***	*A*	*Imax*
*Back emf constant at 1000 rpm (25°C)**	***9.2***	*V*	*Ke*
Torque constant	***0.088***	*N.m/A*	*Kt*
Static friction torque	***1.2***	*N.cm*	*Tf*
Viscous damping for 1000 rpm	***0.14***	*N.cm*	*Kd*
Winding resistance(25°C)	***2.7***	*Ω*	*Rb*
Winding inductance	***1.53***	*mH*	*L*
Rotor inertia	***0.0000195***	*kg.m²*	*J*
Thermal time constant	***6.9***	*min*	*Tth*
Motor mass	***0.7***	*kg*	*M*

All data are given in typical values under standard conditions



FICHER-001

DC-SERVOMOTOR

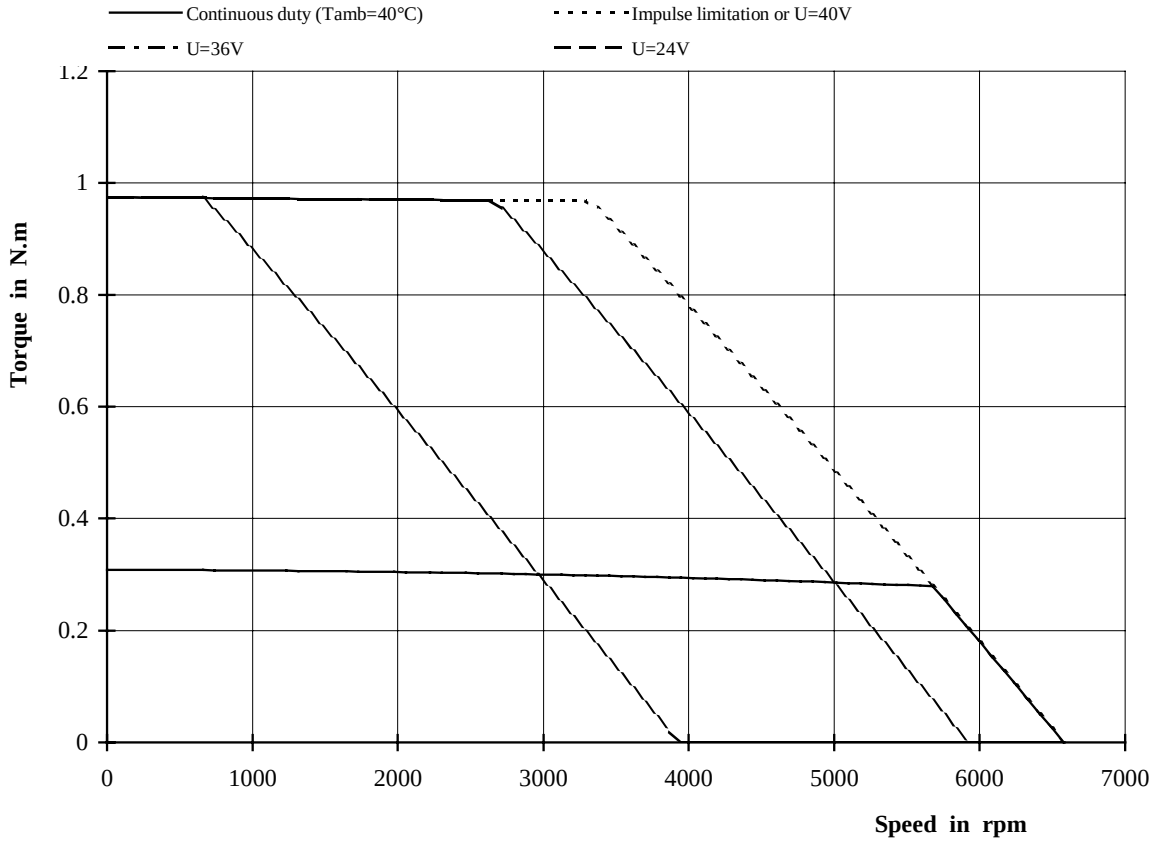
RS230C

PARVEX

8 avenue du Lac
BP249
F-21007 DIJON Cedex

Low speed torque	***0.31***	*N.m*	*Mo*
Permanent current at low speed	***5.6***	*A*	*Io*
Supply voltage with loaded motor	***24***	*V*	*U*
Definition speed	***3000***	*rpm*	*N*
Maximum supply voltage	***40***	*V*	*Umax*
Maximum speed	***6600***	*rpm*	*Nmax*
Peak current	***18***	*A*	*Imax*
*Back emf constant at 1000 rpm (25°C)**	***6***	*V*	*Ke*
Torque constant	***0.057***	*N.m/A*	*Kt*
Static friction torque	***1.35***	*N.cm*	*Tf*
Viscous damping for 1000 rpm	***0.2***	*N.cm*	*Kd*
Winding resistance(25°C)	***0.67***	*Ω*	*Rb*
Winding inductance	***0.42***	*mH*	*L*
Rotor inertia	***0.000026***	*kg.m²*	*J*
Thermal time constant	***7.5***	*min*	*Tth*
Motor mass	***0.87***	*kg*	*M*

All data are given in typical values under standard conditions



FICHER-001

DC-SERVOMOTOR

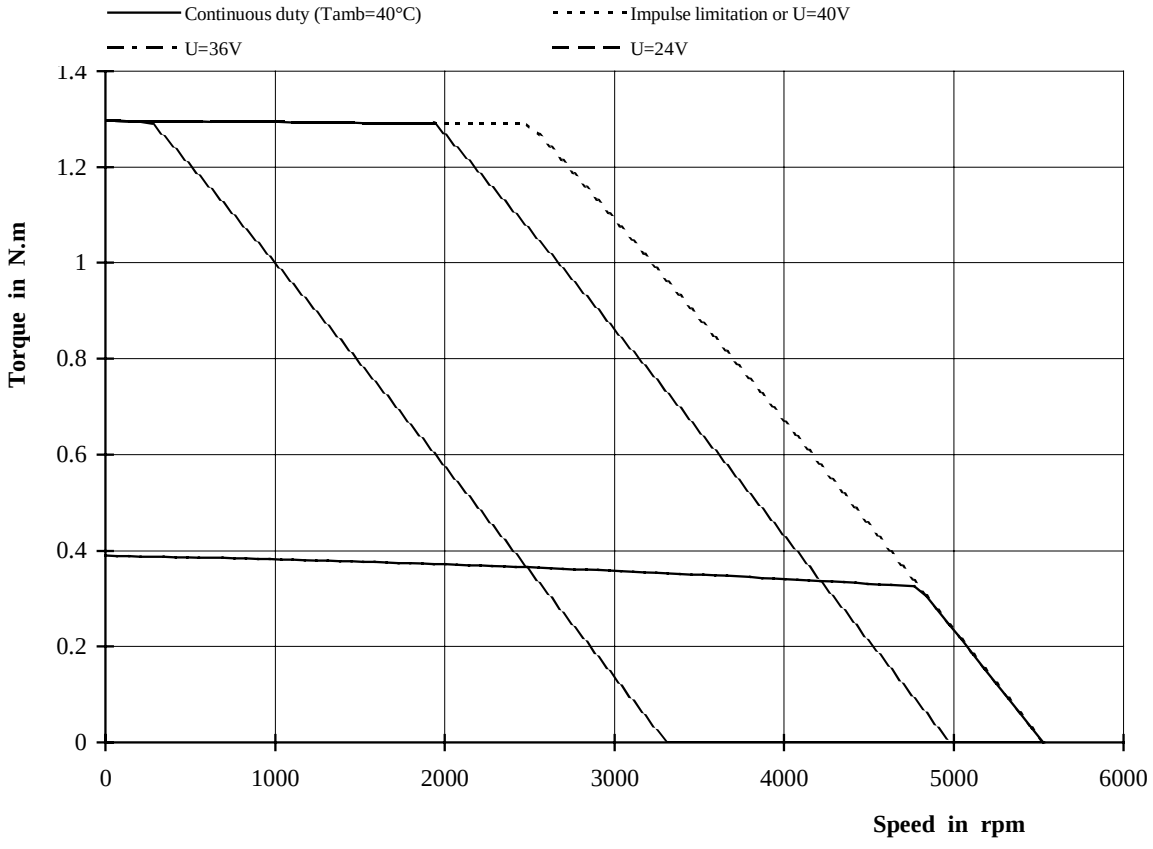
RS240B

PARVEX

8 avenue du Lac
BP249
F-21007 DIJON Cedex

Low speed torque	***0.39***	*N.m*	*Mo*
Permanent current at low speed	***6***	*A*	*Io*
Supply voltage with loaded motor	***28***	*V*	*U*
Definition speed	***3000***	*rpm*	*N*
Maximum supply voltage	***40***	*V*	*Umax*
Maximum speed	***5500***	*rpm*	*Nmax*
Peak current	***20***	*A*	*Imax*
*Back emf constant at 1000 rpm (25°C)**	***7.2***	*V*	*Ke*
Torque constant	***0.068***	*N.m/A*	*Kt*
Static friction torque	***1.5***	*N.cm*	*Tf*
Viscous damping for 1000 rpm	***0.26***	*N.cm*	*Kd*
Winding resistance(25°C)	***0.68***	*Ω*	*Rb*
Winding inductance	***0.45***	*mH*	*L*
Rotor inertia	***0.0000325***	*kg.m²*	*J*
Thermal time constant	***7.5***	*min*	*Tth*
Motor mass	***1.04***	*kg*	*M*

All data are given in typical values under standard conditions



FICHER-001

Création: 14 août 1987	**Edition: 02/mars/1999**	**RS240B .f**

DC-SERVOMOTOR

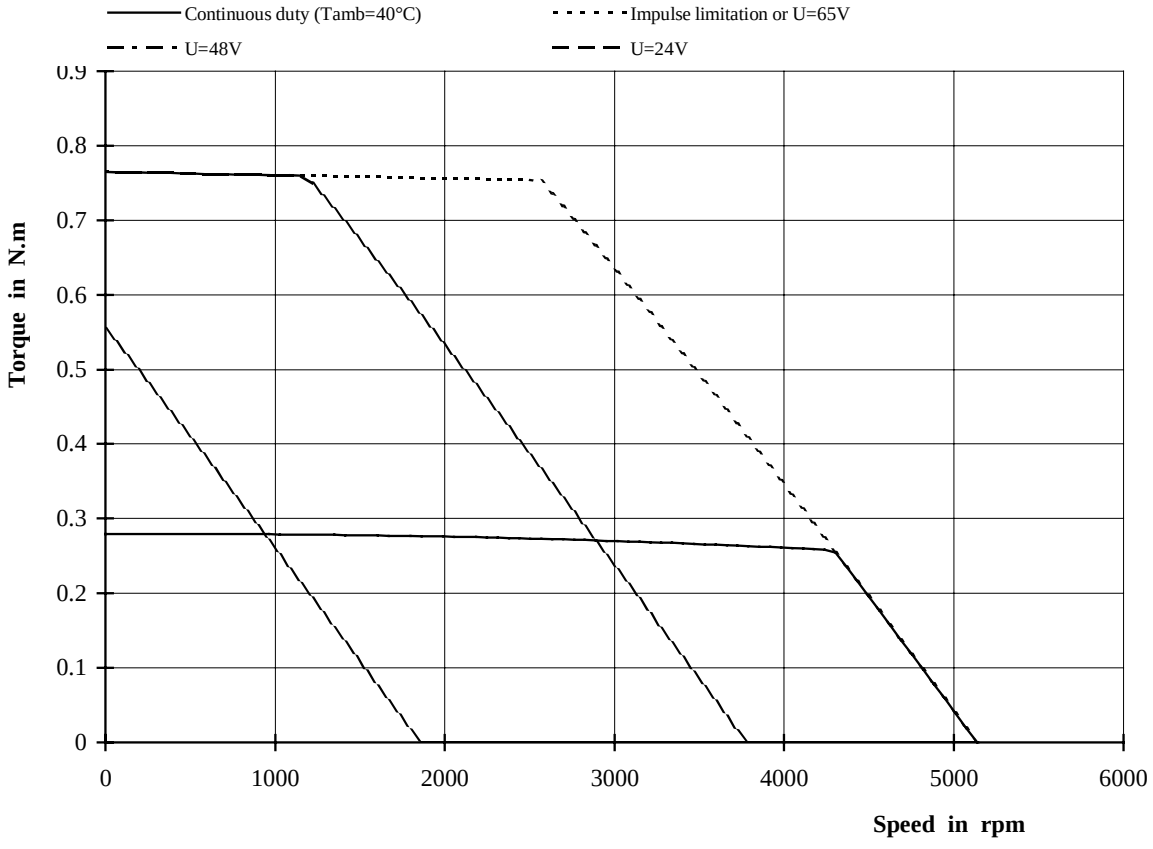
RS310N

PARVEX

8 avenue du Lac
BP249
F-21007 DIJON Cedex

Low speed torque	***0.28***	*N.m*	*Mo*
Permanent current at low speed	***2.6***	*A*	*Io*
Supply voltage with loaded motor	***50***	*V*	*U*
Definition speed	***3000***	*rpm*	*N*
Maximum supply voltage	***65***	*V*	*Umax*
Maximum speed	***5100***	*rpm*	*Nmax*
Peak current	***7***	*A*	*Imax*
*Back emf constant at 1000 rpm (25°C)**	***12.3***	*V*	*Ke*
Torque constant	***0.117***	*N.m/A*	*Kt*
Static friction torque	***2.2***	*N.cm*	*Tf*
Viscous damping for 1000 rpm	***0.43***	*N.cm*	*Kd*
Winding resistance(25°C)	***3.64***	*Ω*	*Rb*
Winding inductance	***4.4***	*mH*	*L*
Rotor inertia	***0.000054***	*kg.m²*	*J*
Thermal time constant	***9***	*min*	*Tth*
Motor mass	***0.96***	*kg*	*M*

All data are given in typical values under standard conditions



FICHER-001

DC-SERVOMOTOR

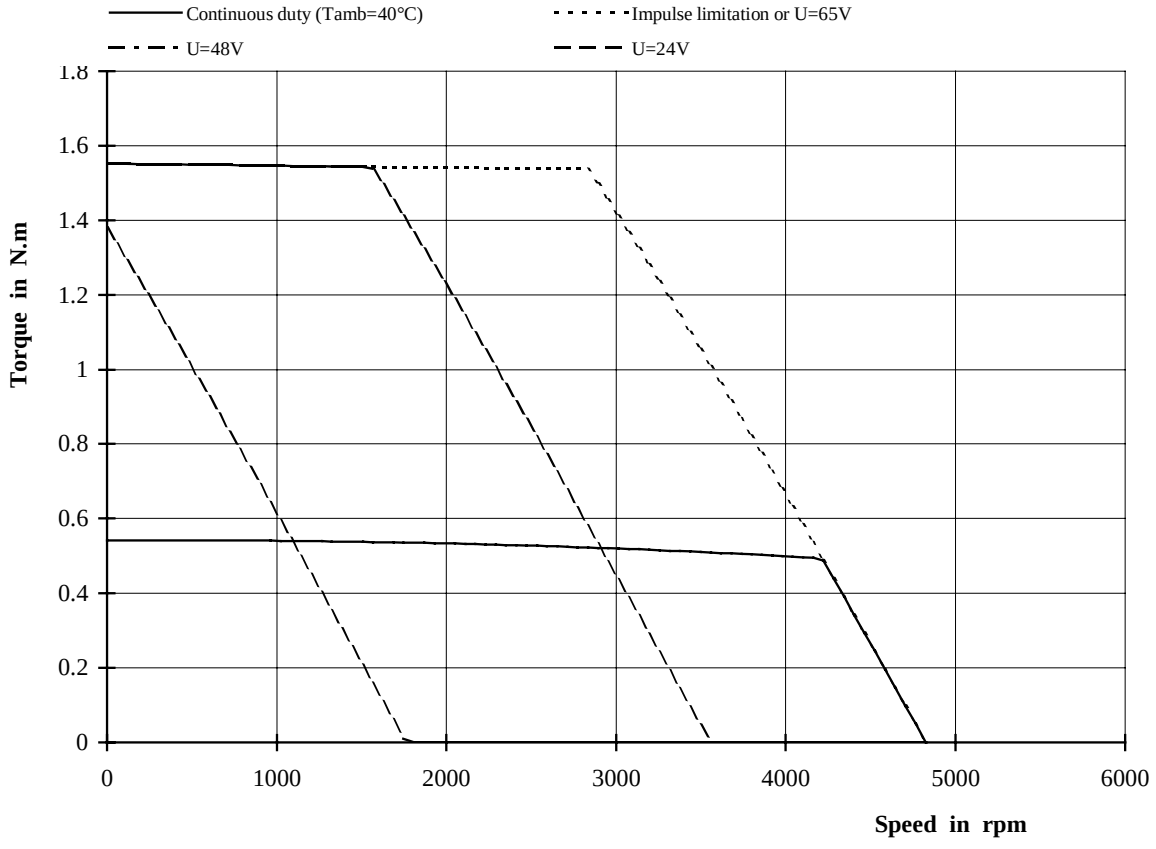
RS320H

PARVEX

8 avenue du Lac
BP249
F-21007 DIJON Cedex

Low speed torque	***0.54***	*N.m*	*Mo*
Permanent current at low speed	***4.5***	*A*	*Io*
Supply voltage with loaded motor	***49***	*V*	*U*
Definition speed	***3000***	*rpm*	*N*
Maximum supply voltage	***65***	*V*	*Umax*
Maximum speed	***4800***	*rpm*	*Nmax*
Peak current	***13***	*A*	*Imax*
*Back emf constant at 1000 rpm (25°C)**	***13.3***	*V*	*Ke*
Torque constant	***0.127***	*N.m/A*	*Kt*
Static friction torque	***2.4***	*N.cm*	*Tf*
Viscous damping for 1000 rpm	***0.53***	*N.cm*	*Kd*
Winding resistance(25°C)	***1.52***	*Ω*	*Rb*
Winding inductance	***2.2***	*mH*	*L*
Rotor inertia	***0.000083***	*kg.m²*	*J*
Thermal time constant	***7***	*min*	*Tth*
Motor mass	***1.34***	*kg*	*M*

All data are given in typical values under standard conditions



FICHER-001

DC-SERVOMOTOR

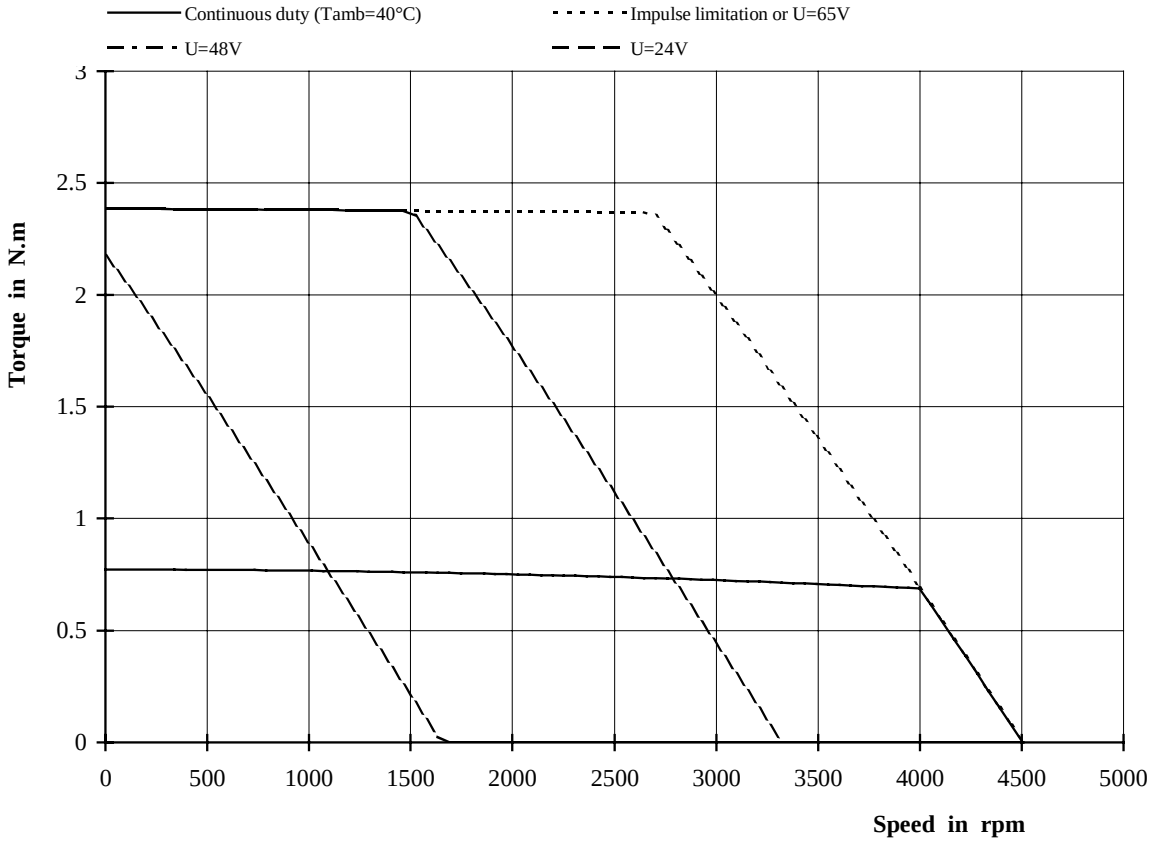
RS330E

PARVEX

8 avenue du Lac
BP249
F-21007 DIJON Cedex

Low speed torque	***0.78***	*N.m*	*Mo*
Permanent current at low speed	***5.9***	*A*	*Io*
Supply voltage with loaded motor	***51***	*V*	*U*
Definition speed	***3000***	*rpm*	*N*
Maximum supply voltage	***65***	*V*	*Umax*
Maximum speed	***4500***	*rpm*	*Nmax*
Peak current	***18.5***	*A*	*Imax*
*Back emf constant at 1000 rpm (25°C)**	***14.3***	*V*	*Ke*
Torque constant	***0.137***	*N.m/A*	*Kt*
Static friction torque	***2.6***	*N.cm*	*Tf*
Viscous damping for 1000 rpm	***0.63***	*N.cm*	*Kd*
Winding resistance(25°C)	***1.01***	*Ω*	*Rb*
Winding inductance	***1.65***	*mH*	*L*
Rotor inertia	***0.00011***	*kg.m²*	*J*
Thermal time constant	***6.2***	*min*	*Tth*
Motor mass	***1.72***	*kg*	*M*

All data are given in typical values under standard conditions



FICHER-001

Création: 02 sept 1987	**Edition: 02/mars/1999**	**RS330E .f**

DC-SERVOMOTOR

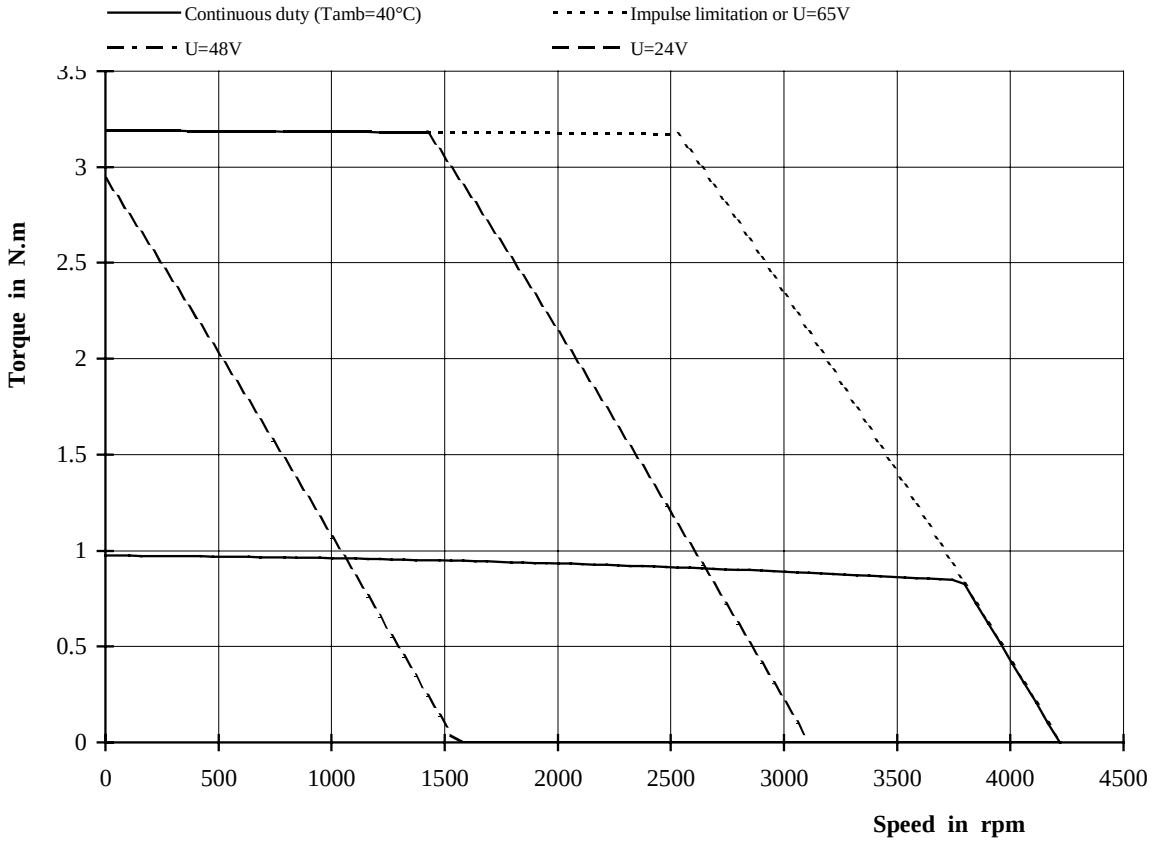
RS340C

PARVEX

8 avenue du Lac
BP249
F-21007 DIJON Cedex

Low speed torque	***0.98***	*N.m*	*Mo*
Permanent current at low speed	***6.9***	*A*	*Io*
Supply voltage with loaded motor	***53***	*V*	*U*
Definition speed	***3000***	*rpm*	*N*
Maximum supply voltage	***65***	*V*	*Umax*
Maximum speed	***4200***	*rpm*	*Nmax*
Peak current	***23***	*A*	*Imax*
*Back emf constant at 1000 rpm (25°C)**	***15.3***	*V*	*Ke*
Torque constant	***0.146***	*N.m/A*	*Kt*
Static friction torque	***2.8***	*N.cm*	*Tf*
Viscous damping for 1000 rpm	***0.73***	*N.cm*	*Kd*
Winding resistance(25°C)	***0.8***	*Ω*	*Rb*
Winding inductance	***1.4***	*mH*	*L*
Rotor inertia	***0.00014***	*kg.m²*	*J*
Thermal time constant	***6***	*min*	*Tth*
Motor mass	***2.1***	*kg*	*M*

All data are given in typical values under standard conditions



FICHER-001

DC-SERVOMOTOR

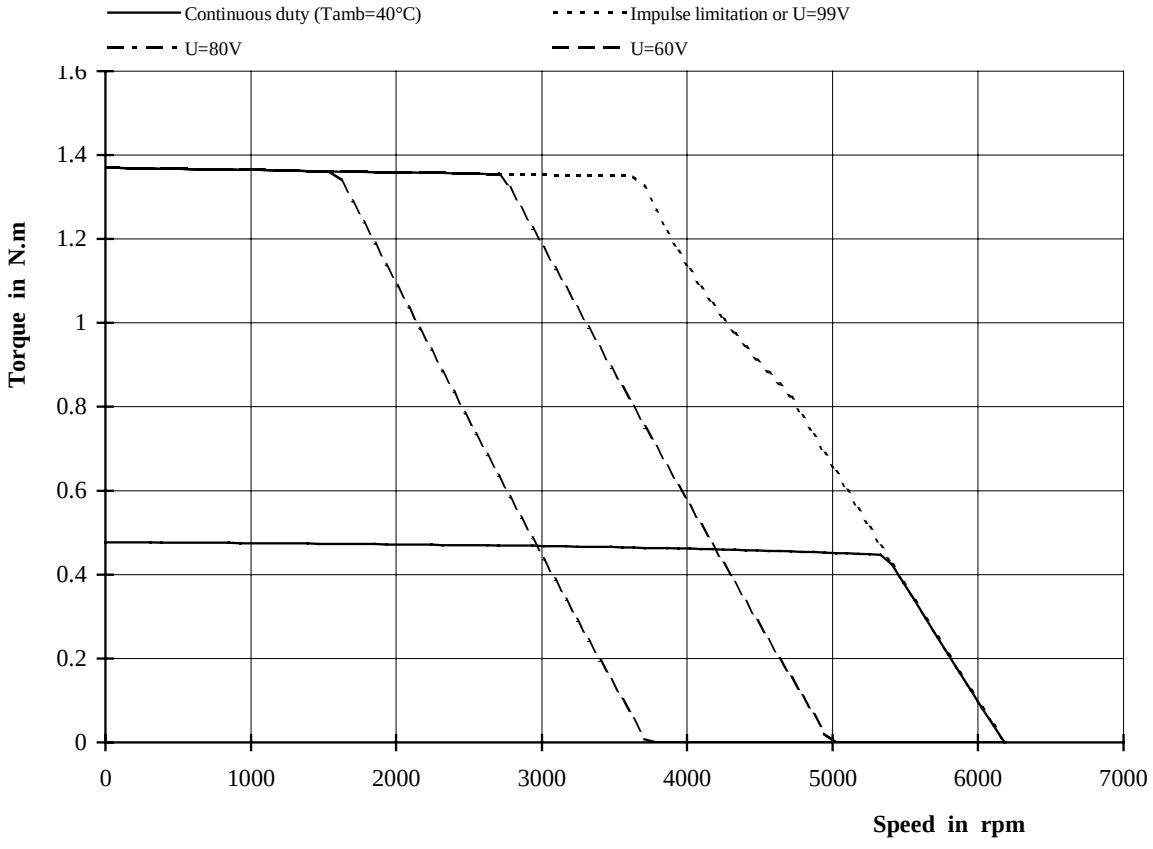
RS410R

PARVEX

8 avenue du Lac
BP249
F-21007 DIJON Cedex

Low speed torque	***0.48***	*N.m*	*Mo*
Permanent current at low speed	***3.6***	*A*	*Io*
Supply voltage with loaded motor	***60***	*V*	*U*
Definition speed	***3000***	*rpm*	*N*
Maximum supply voltage	***99***	*V*	*Umax*
Maximum speed	***6200***	*rpm*	*Nmax*
Peak current	***10***	*A*	*Imax*
*Back emf constant at 1000 rpm (25°C)**	***15.6***	*V*	*Ke*
Torque constant	***0.15***	*N.m/A*	*Kt*
Static friction torque	***5.2***	*N.cm*	*Tf*
Viscous damping for 1000 rpm	***0.56***	*N.cm*	*Kd*
Winding resistance(25°C)	***2.47***	*Ω*	*Rb*
Winding inductance	***4.2***	*mH*	*L*
Rotor inertia	***0.000137***	*kg.m²*	*J*
Thermal time constant	***14***	*min*	*Tth*
Motor mass	***1.6***	*kg*	*M*

All data are given in typical values under standard conditions



FICHER-001

DC-SERVOMOTOR

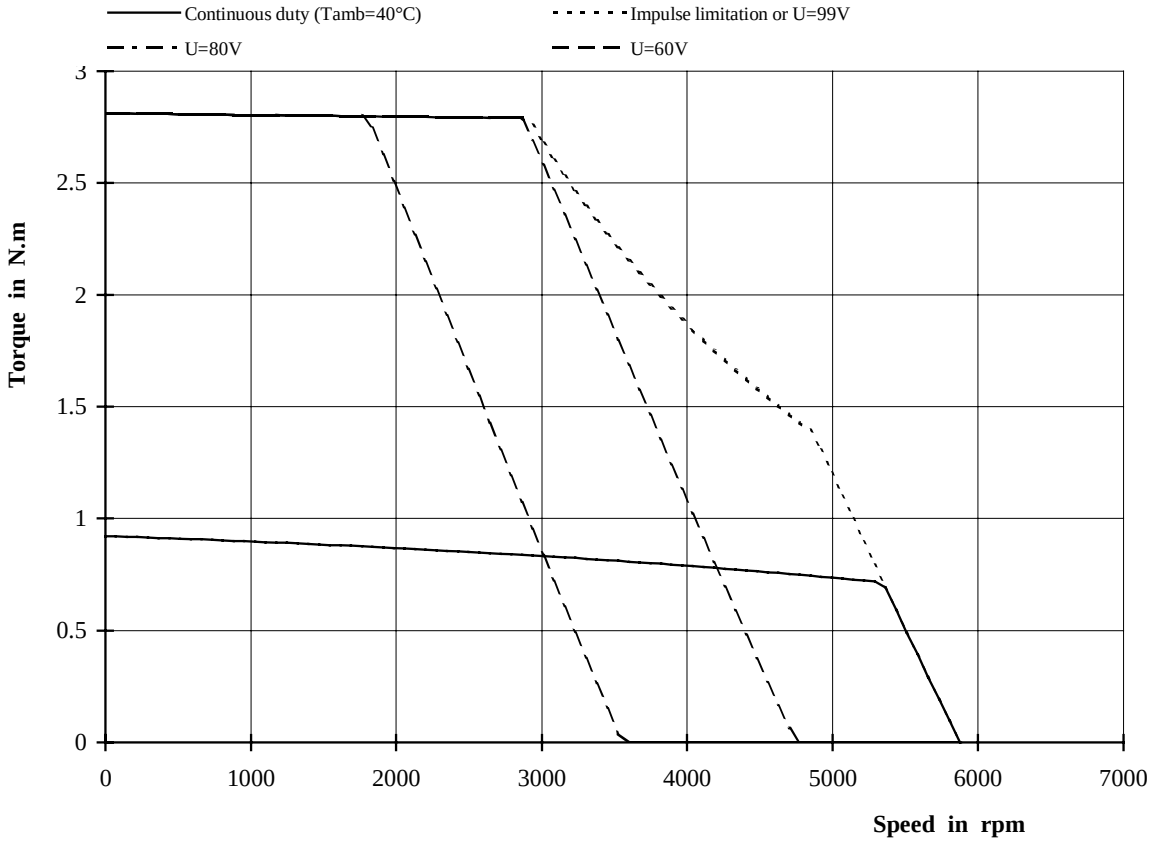
RS420J

PARVEX

8 avenue du Lac
BP249
F-21007 DIJON Cedex

Low speed torque	***0.93***	*N.m*	*Mo*
Permanent current at low speed	***6.2***	*A*	*Io*
Supply voltage with loaded motor	***60***	*V*	*U*
Definition speed	***3000***	*rpm*	*N*
Maximum supply voltage	***99***	*V*	*Umax*
Maximum speed	***5900***	*rpm*	*Nmax*
Peak current	***19***	*A*	*Imax*
*Back emf constant at 1000 rpm (25°C)**	***16.6***	*V*	*Ke*
Torque constant	***0.16***	*N.m/A*	*Kt*
Static friction torque	***5.4***	*N.cm*	*Tf*
Viscous damping for 1000 rpm	***0.75***	*N.cm*	*Kd*
Winding resistance(25°C)	***0.96***	*Ω*	*Rb*
Winding inductance	***1.9***	*mH*	*L*
Rotor inertia	***0.000225***	*kg.m²*	*J*
Thermal time constant	***12.5***	*min*	*Tth*
Motor mass	***2.2***	*kg*	*M*

All data are given in typical values under standard conditions



FICHER-001

DC-SERVOMOTOR

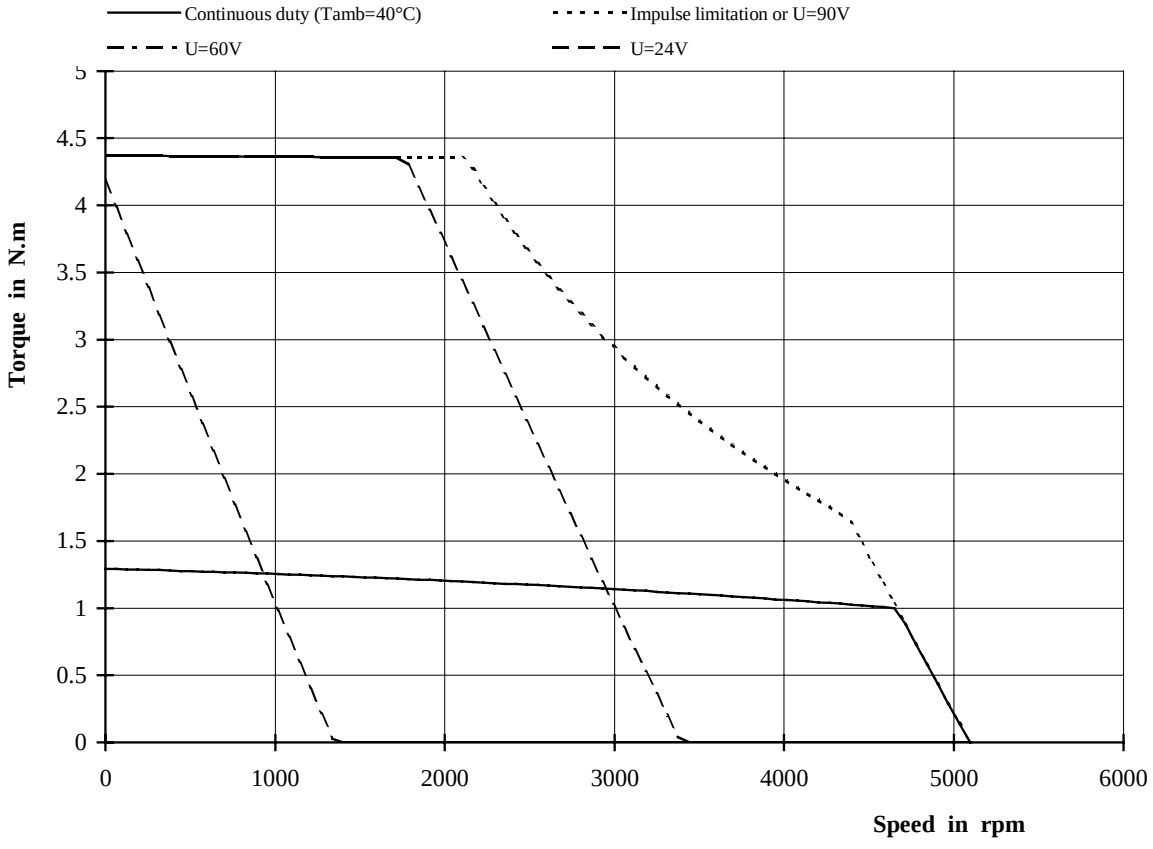
RS430F

PARVEX

8 avenue du Lac
BP249
F-21007 DIJON Cedex

Low speed torque	***1.3***	*N.m*	*Mo*
Permanent current at low speed	***8.1***	*A*	*Io*
Supply voltage with loaded motor	***43***	*V*	*U*
Definition speed	***2000***	*rpm*	*N*
Maximum supply voltage	***90***	*V*	*Umax*
Maximum speed	***5100***	*rpm*	*Nmax*
Peak current	***28***	*A*	*Imax*
*Back emf constant at 1000 rpm (25°C)**	***17.5***	*V*	*Ke*
Torque constant	***0.167***	*N.m/A*	*Kt*
Static friction torque	***5.7***	*N.cm*	*Tf*
Viscous damping for 1000 rpm	***0.94***	*N.cm*	*Kd*
Winding resistance(25°C)	***0.59***	*Ω*	*Rb*
Winding inductance	***1.33***	*mH*	*L*
Rotor inertia	***0.00031***	*kg.m²*	*J*
Thermal time constant	***11.5***	*min*	*Tth*
Motor mass	***2.8***	*kg*	*M*

All data are given in typical values under standard conditions



FICHER-001

DC-SERVOMOTOR

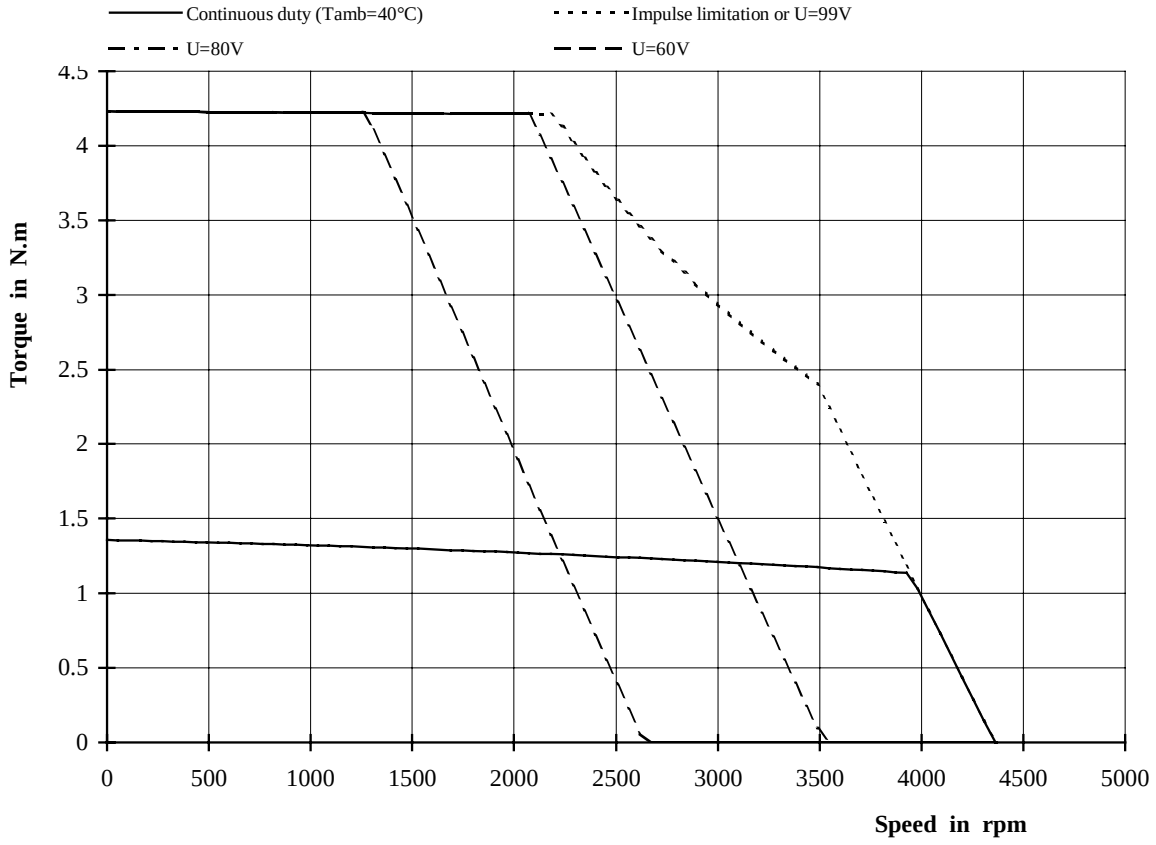
RS430H

PARVEX

8 avenue du Lac
BP249
F-21007 DIJON Cedex

Low speed torque	***1.36***	*N.m*	*Mo*
Permanent current at low speed	***6.6***	*A*	*Io*
Supply voltage with loaded motor	***78***	*V*	*U*
Definition speed	***3000***	*rpm*	*N*
Maximum supply voltage	***99***	*V*	*Umax*
Maximum speed	***4400***	*rpm*	*Nmax*
Peak current	***21***	*A*	*Imax*
*Back emf constant at 1000 rpm (25°C)**	***22.5***	*V*	*Ke*
Torque constant	***0.215***	*N.m/A*	*Kt*
Static friction torque	***5.7***	*N.cm*	*Tf*
Viscous damping for 1000 rpm	***0.94***	*N.cm*	*Kd*
Winding resistance(25°C)	***0.94***	*Ω*	*Rb*
Winding inductance	***2.2***	*mH*	*L*
Rotor inertia	***0.00031***	*kg.m²*	*J*
Thermal time constant	***11.5***	*min*	*Tth*
Motor mass	***2.8***	*kg*	*M*

All data are given in typical values under standard conditions



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DC-SERVOMOTOR

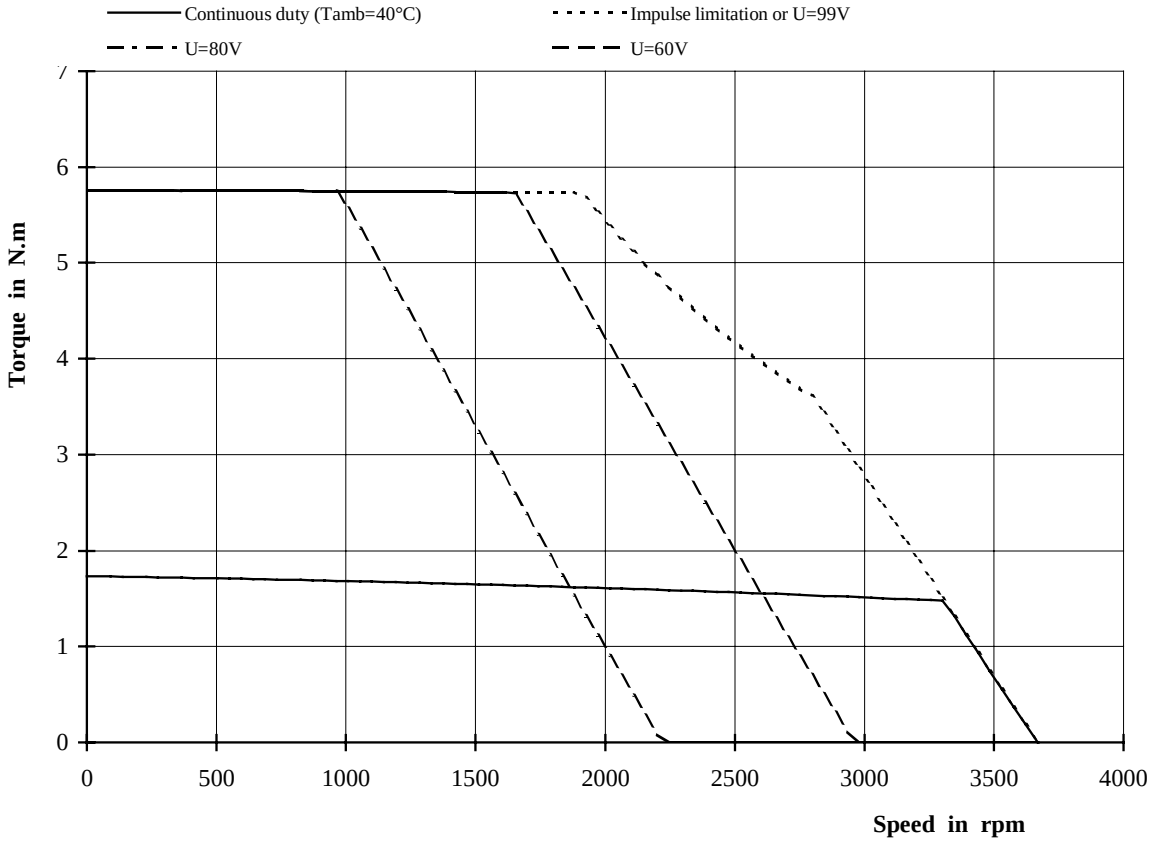
RS440G

PARVEX

8 avenue du Lac
BP249
F-21007 DIJON Cedex

Low speed torque	***1.74***	*N.m*	*Mo*
Permanent current at low speed	***7***	*A*	*Io*
Supply voltage with loaded motor	***90***	*V*	*U*
Definition speed	***3000***	*rpm*	*N*
Maximum supply voltage	***99***	*V*	*Umax*
Maximum speed	***3700***	*rpm*	*Nmax*
Peak current	***24***	*A*	*Imax*
*Back emf constant at 1000 rpm (25°C)**	***27***	*V*	*Ke*
Torque constant	***0.256***	*N.m/A*	*Kt*
Static friction torque	***5.9***	*N.cm*	*Tf*
Viscous damping for 1000 rpm	***1.13***	*N.cm*	*Kd*
Winding resistance(25°C)	***0.9***	*Ω*	*Rb*
Winding inductance	***2.2***	*mH*	*L*
Rotor inertia	***0.0004***	*kg.m²*	*J*
Thermal time constant	***10.5***	*min*	*Tth*
Motor mass	***3.4***	*kg*	*M*

All data are given in typical values under standard conditions



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DC-SERVOMOTOR

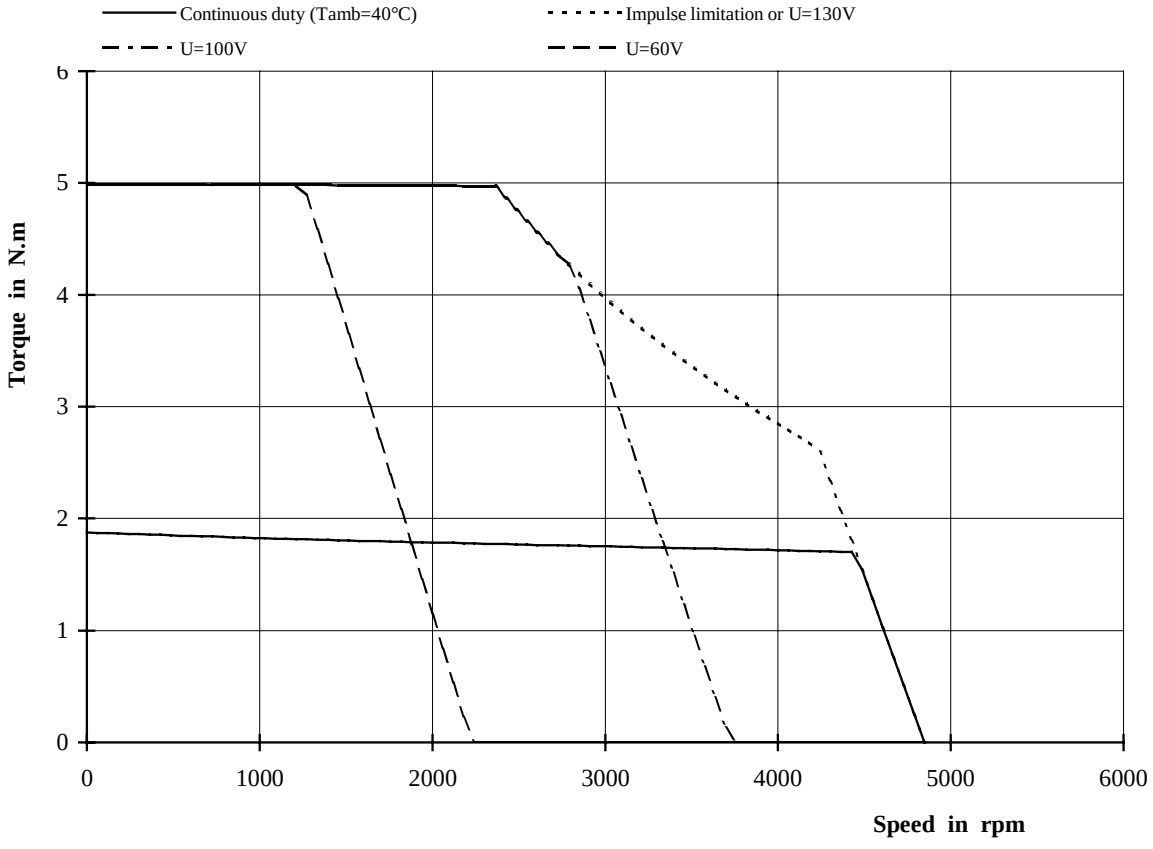
RS510L

PARVEX

8 avenue du Lac
BP249
F-21007 DIJON Cedex

Low speed torque	***1.9***	*N.m*	*Mo*
Permanent current at low speed	***7.9***	*A*	*Io*
Supply voltage with loaded motor	***82***	*V*	*U*
Definition speed	***2700***	*rpm*	*N*
Maximum supply voltage	***130***	*V*	*Umax*
Maximum speed	***4850***	*rpm*	*Nmax*
Peak current	***21***	*A*	*Imax*
*Back emf constant at 1000 rpm (25°C)**	***26.6***	*V*	*Ke*
Torque constant	***0.254***	*N.m/A*	*Kt*
Static friction torque	***12***	*N.cm*	*Tf*
Viscous damping for 1000 rpm	***0.71***	*N.cm*	*Kd*
Winding resistance(25°C)	***0.71***	*Ω*	*Rb*
Winding inductance	***3.6***	*mH*	*L*
Rotor inertia	***0.001***	*kg.m²*	*J*
Thermal time constant	***18***	*min*	*Tth*
Motor mass	***5.1***	*kg*	*M*

All data are given in typical values under standard conditions



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DC-SERVOMOTOR

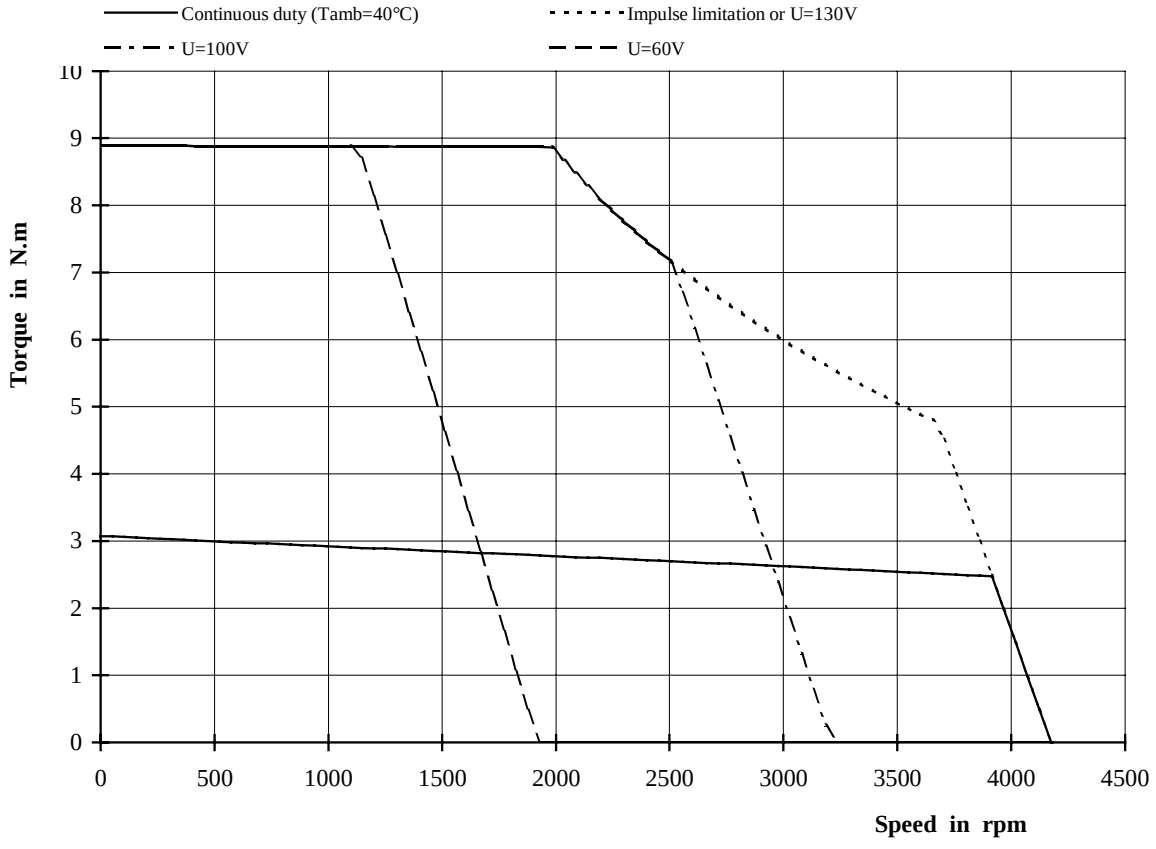
RS520G

PARVEX

8 avenue du Lac
BP249
F-21007 DIJON Cedex

Low speed torque	***3.1***	*N.m*	*Mo*
Permanent current at low speed	***10.9***	*A*	*Io*
Supply voltage with loaded motor	***92***	*V*	*U*
Definition speed	***2700***	*rpm*	*N*
Maximum supply voltage	***130***	*V*	*Umax*
Maximum speed	***4200***	*rpm*	*Nmax*
Peak current	***32***	*A*	*Imax*
*Back emf constant at 1000 rpm (25°C)**	***31***	*V*	*Ke*
Torque constant	***0.296***	*N.m/A*	*Kt*
Static friction torque	***13***	*N.cm*	*Tf*
Viscous damping for 1000 rpm	***0.92***	*N.cm*	*Kd*
Winding resistance(25°C)	***0.4***	*Ω*	*Rb*
Winding inductance	***2.34***	*mH*	*L*
Rotor inertia	***0.00135***	*kg.m²*	*J*
Thermal time constant	***17.8***	*min*	*Tth*
Motor mass	***6.3***	*kg*	*M*

All data are given in typical values under standard conditions



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Création: 20 janv 1989	**Edition: 02/mars/1999**	**RS520G .d**

DC-SERVOMOTOR

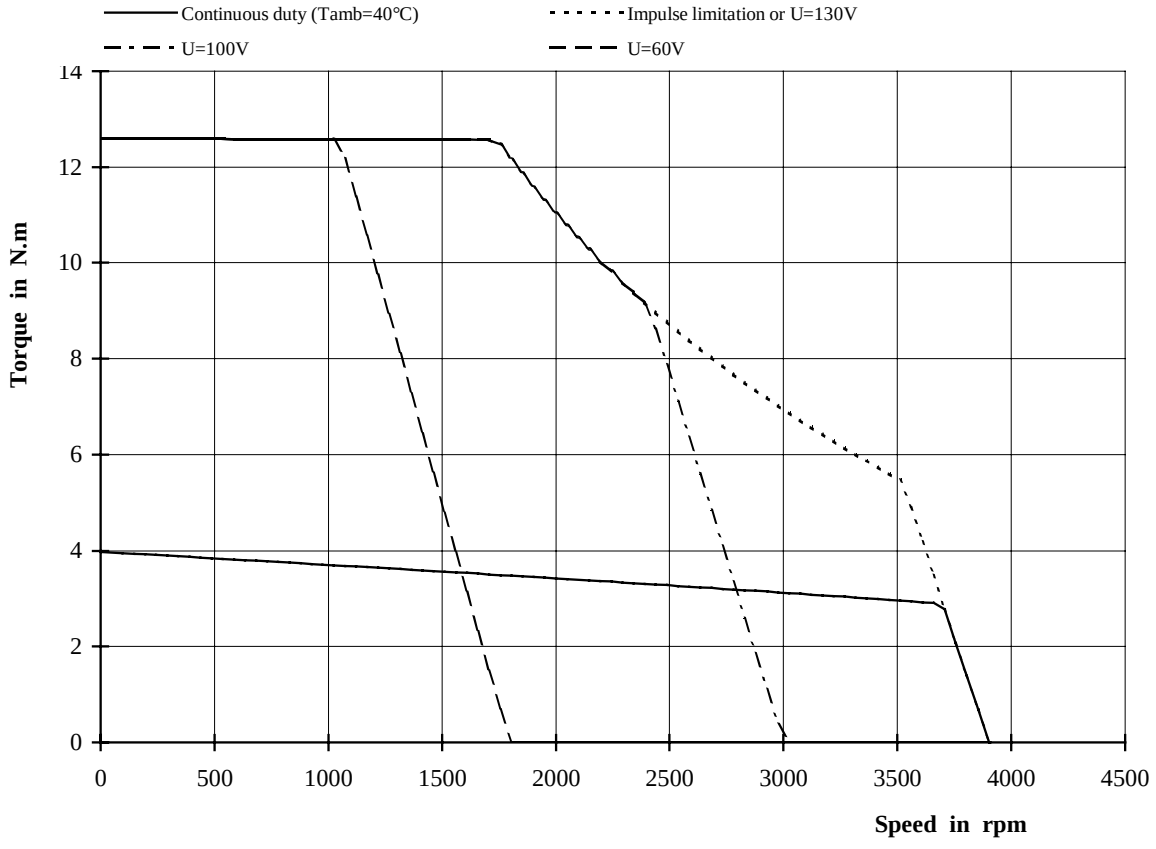
RS530E

PARVEX

8 avenue du Lac
BP249
F-21007 DIJON Cedex

Low speed torque	***4***	*N.m*	*Mo*
Permanent current at low speed	***13***	*A*	*Io*
Supply voltage with loaded motor	***97***	*V*	*U*
Definition speed	***2700***	*rpm*	*N*
Maximum supply voltage	***130***	*V*	*Umax*
Maximum speed	***3900***	*rpm*	*Nmax*
Peak current	***42***	*A*	*Imax*
*Back emf constant at 1000 rpm (25°C)**	***33***	*V*	*Ke*
Torque constant	***0.32***	*N.m/A*	*Kt*
Static friction torque	***14***	*N.cm*	*Tf*
Viscous damping for 1000 rpm	***1.13***	*N.cm*	*Kd*
Winding resistance(25°C)	***0.29***	*Ω*	*Rb*
Winding inductance	***1.74***	*mH*	*L*
Rotor inertia	***0.0017***	*kg.m²*	*J*
Thermal time constant	***19***	*min*	*Tth*
Motor mass	***7.5***	*kg*	*M*

All data are given in typical values under standard conditions



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DC-SERVOMOTOR

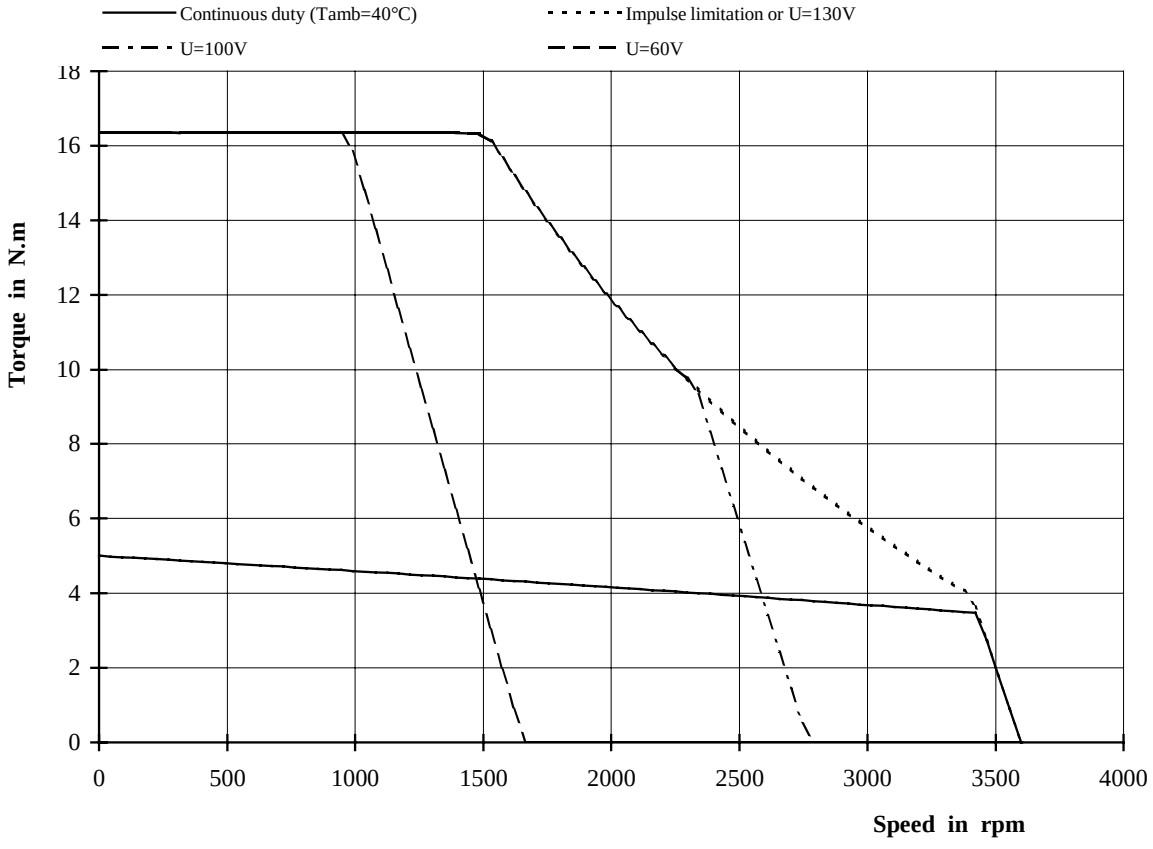
RS540C

PARVEX

8 avenue du Lac
BP249
F-21007 DIJON Cedex

Low speed torque	***5***	*N.m*	*Mo*
Permanent current at low speed	***15***	*A*	*Io*
Supply voltage with loaded motor	***104***	*V*	*U*
Definition speed	***2700***	*rpm*	*N*
Maximum supply voltage	***130***	*V*	*Umax*
Maximum speed	***3600***	*rpm*	*Nmax*
Peak current	***50***	*A*	*Imax*
*Back emf constant at 1000 rpm (25°C)**	***36***	*V*	*Ke*
Torque constant	***0.344***	*N.m/A*	*Kt*
Static friction torque	***15***	*N.cm*	*Tf*
Viscous damping for 1000 rpm	***1.34***	*N.cm*	*Kd*
Winding resistance(25°C)	***0.225***	*Ω*	*Rb*
Winding inductance	***1.5***	*mH*	*L*
Rotor inertia	***0.00205***	*kg.m²*	*J*
Thermal time constant	***20.6***	*min*	*Tth*
Motor mass	***8.7***	*kg*	*M*

All data are given in typical values under standard conditions



FICHER-001

Création: 20 janv 1989	**Edition: 02/mars/1999**	**RS540C .d**

DC-SERVOMOTOR

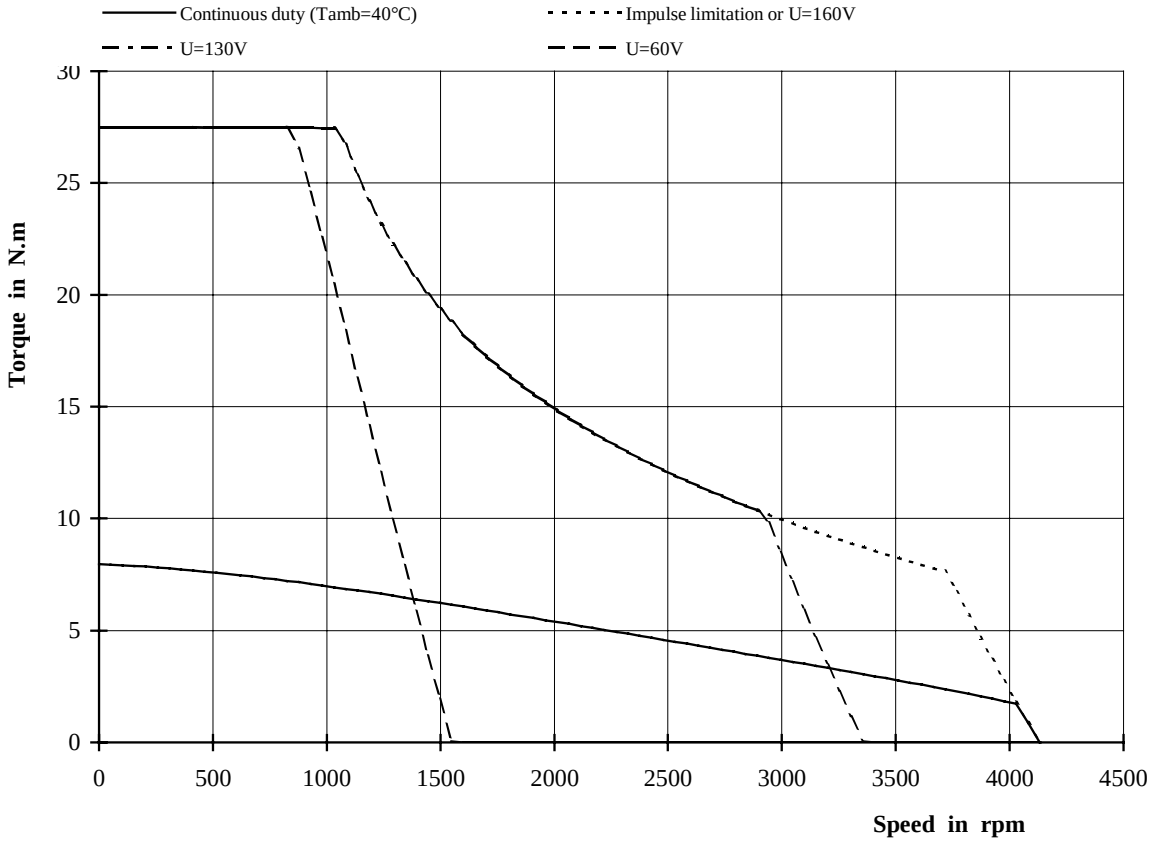
RS620G

PARVEX

8 avenue du Lac
BP249
F-21007 DIJON Cedex

Low speed torque	***8***	*N.m*	*Mo*
Permanent current at low speed	***22.3***	*A*	*Io*
Supply voltage with loaded motor	***100***	*V*	*U*
Definition speed	***2400***	*rpm*	*N*
Maximum supply voltage	***160***	*V*	*Umax*
Maximum speed	***4100***	*rpm*	*Nmax*
Peak current	***82***	*A*	*Imax*
*Back emf constant at 1000 rpm (25°C)**	***38.5***	*V*	*Ke*
Torque constant	***0.37***	*N.m/A*	*Kt*
Static friction torque	***20***	*N.cm*	*Tf*
Viscous damping for 1000 rpm	***5***	*N.cm*	*Kd*
Winding resistance(25°C)	***0.155***	*Ω*	*Rb*
Winding inductance	***1.78***	*mH*	*L*
Rotor inertia	***0.0053***	*kg.m²*	*J*
Thermal time constant	***26.7***	*min*	*Tth*
Motor mass	***11.5***	*kg*	*M*

All data are given in typical values under standard conditions



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DC-SERVOMOTOR

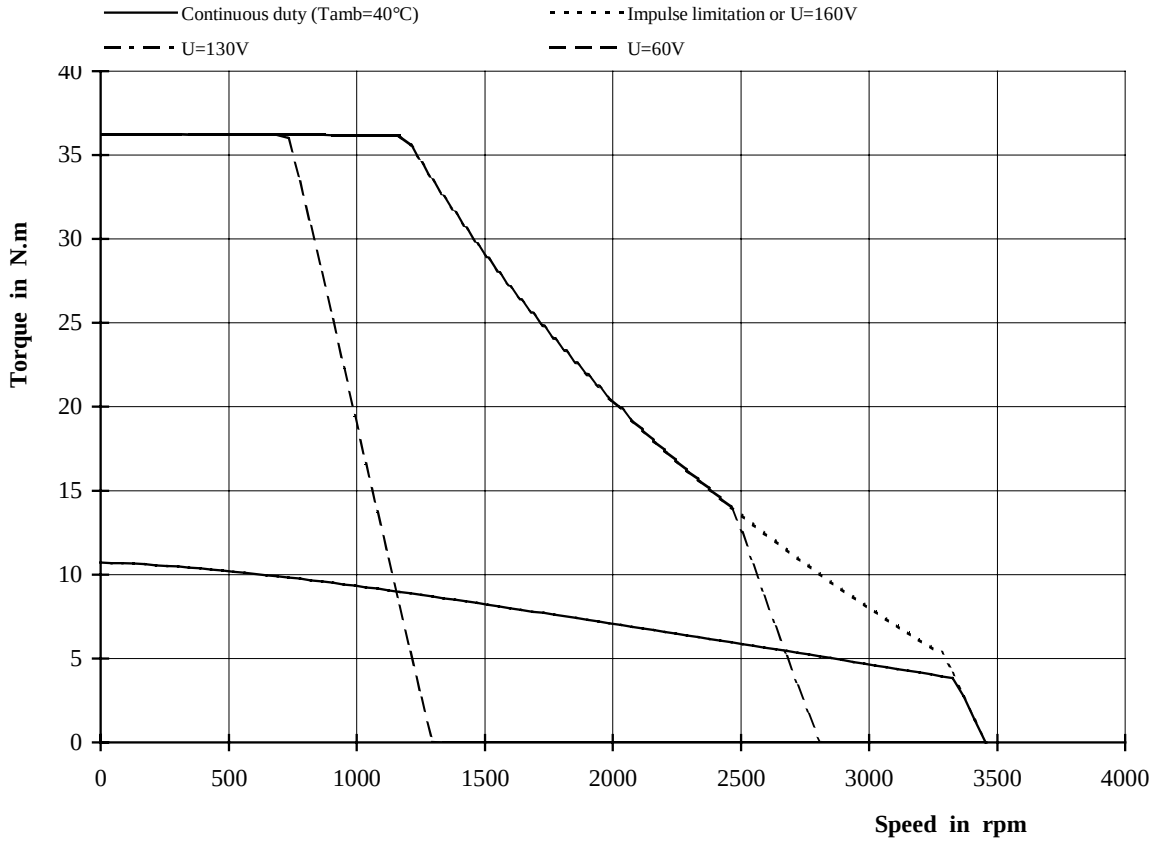
RS630F

PARVEX

8 avenue du Lac
BP249
F-21007 DIJON Cedex

Low speed torque	***10.8***	*N.m*	*Mo*
Permanent current at low speed	***25***	*A*	*Io*
Supply voltage with loaded motor	***100***	*V*	*U*
Definition speed	***2000***	*rpm*	*N*
Maximum supply voltage	***160***	*V*	*Umax*
Maximum speed	***3460***	*rpm*	*Nmax*
Peak current	***90***	*A*	*Imax*
*Back emf constant at 1000 rpm (25°C)**	***46***	*V*	*Ke*
Torque constant	***0.44***	*N.m/A*	*Kt*
Static friction torque	***22***	*N.cm*	*Tf*
Viscous damping for 1000 rpm	***6***	*N.cm*	*Kd*
Winding resistance(25°C)	***0.134***	*Ω*	*Rb*
Winding inductance	***1.62***	*mH*	*L*
Rotor inertia	***0.0068***	*kg.m²*	*J*
Thermal time constant	***31***	*min*	*Tth*
Motor mass	***14***	*kg*	*M*

All data are given in typical values under standard conditions



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DC-SERVOMOTOR

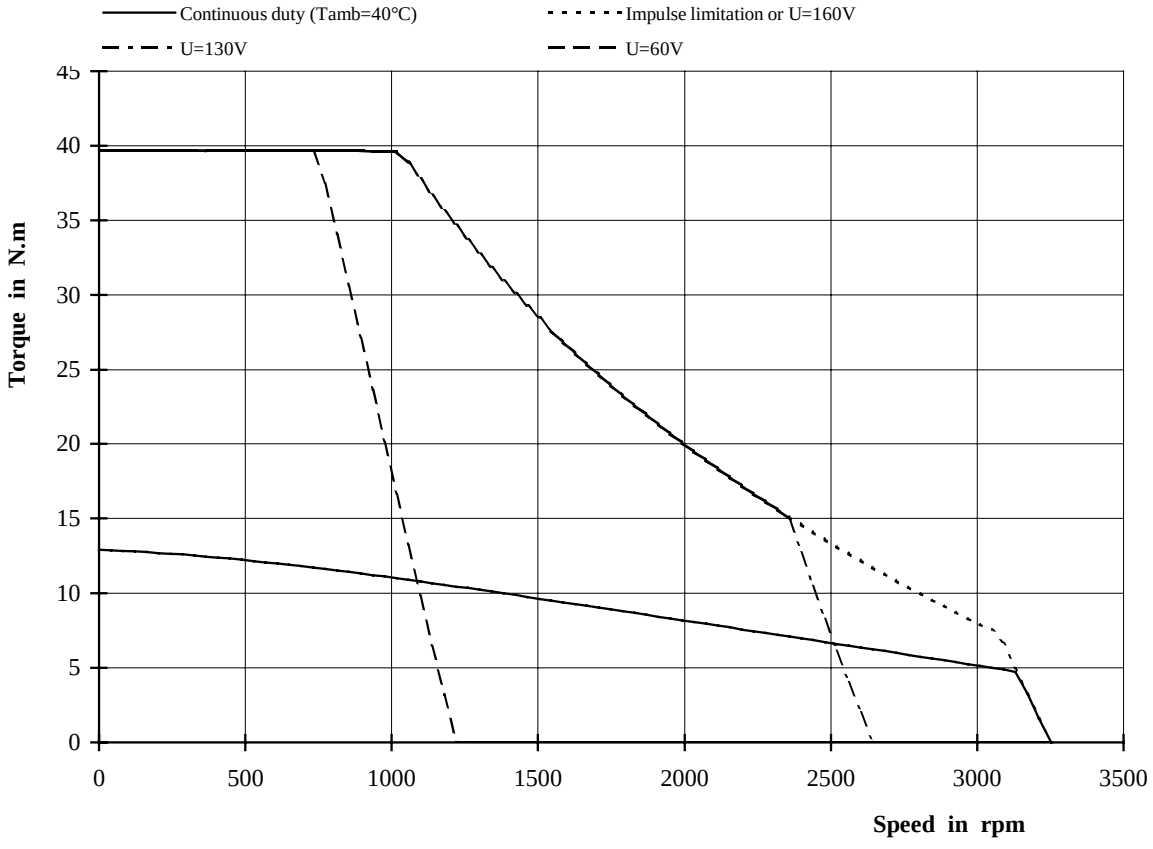
RS640E

PARVEX

8 avenue du Lac
BP249
F-21007 DIJON Cedex

Low speed torque	***13***	*N.m*	*Mo*
Permanent current at low speed	***28***	*A*	*Io*
Supply voltage with loaded motor	***105***	*V*	*U*
Definition speed	***2000***	*rpm*	*N*
Maximum supply voltage	***160***	*V*	*Umax*
Maximum speed	***3250***	*rpm*	*Nmax*
Peak current	***90***	*A*	*Imax*
*Back emf constant at 1000 rpm (25°C)**	***49***	*V*	*Ke*
Torque constant	***0.47***	*N.m/A*	*Kt*
Static friction torque	***24***	*N.cm*	*Tf*
Viscous damping for 1000 rpm	***7***	*N.cm*	*Kd*
Winding resistance(25°C)	***0.12***	*Ω*	*Rb*
Winding inductance	***1.38***	*mH*	*L*
Rotor inertia	***0.0083***	*kg.m²*	*J*
Thermal time constant	***32.7***	*min*	*Tth*
Motor mass	***16.3***	*kg*	*M*

All data are given in typical values under standard conditions



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