



## Adjustable hydraulic motors □403.0. 160.W.A6.F60.V3.HA1T1

URL: <https://www.sxplc.com/adjustable-hydraulic-motors-403-0-160-w-a6-f60-v3-ha1t1>

### Product data sheet

Type	160
Displacement $V_g$ , $\text{cm}^3/\text{rev}$ :	
- minimum $V_g$ min	0
- maximum $V_g$ max	160
- $V_{g_x}$	61
Shaft speed, $n$ , $\text{c}^{-1}$ rpm:	
- minimum $n$ min for $V_g$ nom	0,83(50)
- nominal $n$ nom for $V_g$ nom	20,0 (1200)
- maximum $n$ max at $V_g$ nom	51,7 (3100)
- maximum $n$ max at $V_g < V_{g_x}$	81,7 (4900)
- maximum $n$ max at $V_g$ min	5500
Inlet pressure, MPa ( $\text{kgf}/\text{cm}^2$ ):	
-Rated	32
-Maximum	45
Outlet pressure (maximum), MPa:	35
Control Initiation Pressure, MPa:	0.2 to 1
Drainage pressure (maximum), MPa:	0,2
Control pressure range, MPa:	1,5
Nominal pressure drop, MPa	20
Maximum total inlet and outlet pressure, MPa	70
Rated flow rate, $\text{dm}^3/\text{s}$ (l/min)	3,37 (202)
Control line flow rate, $\text{dm}^3/\text{s}$ (l/min)	0,003 (0,2)
Rated torque, LF:	474,2 (48,3)
Rated power effective, kW	60
Efficiency:	
- hydromechanical	0,95
-full	0,90
Minimum pressure of stable operation of the regulator, MPa	3
Regulation cycle time, s	0.3 – 1 (with a decrease in ambient temperature and an increase in the viscosity of the working fluid, as well as at a pressure below 20 MPa, the control cycle time increases)
Reverse time, s	0,3
Weight, kg	64 (weight of the basic version, excluding additional equipment and working fluid)

