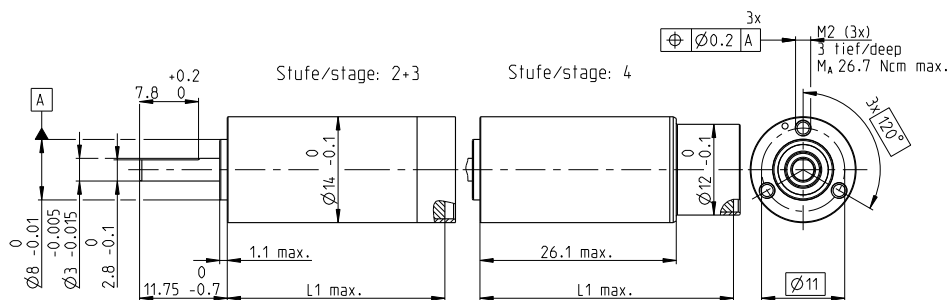


GPX



Key data		HP High Power
Max. transmittable power	W	4.0
Max. continuous torque	Nm	0.50
Max. continuous input speed	rpm	16 000
Ambient temperature	°C	-40...+100
Bearing at output		Ball bearing

Figure 10 is a design chart for selecting the number of stages based on speed n [rpm] and torque M [Nm]. The y-axis represents speed n [rpm] on a logarithmic scale from 1 to 10,000. The x-axis represents torque M [Nm] on a logarithmic scale from 0.01 to 1. A red shaded region indicates the area for 'Continuous operation'. A dashed line indicates the boundary for 'Intermittent operation'. Three vertical lines are labeled '2 stages', '3 stages', and '4 stages', showing the torque limits for each stage count at a given speed.

Configuration	HP High Power						
Number of stages		2	3	4			
Reduction	X:1	16, 21, 26,	62, 83, 103, 111,	243, 326, 406,			
Absolute reduction: (see online)		28, 35	138, 150, 172, 186, 231	439, 546, 590, 679, 734, 794, 913, 987, 1135, 1227, 1526			
Version	Standard/ceramic version/noise reduced/backlash reduced/high power						
Flange	Standard flange						
Shaft	Length/flat face						

¹This length may vary depending on the configuration and choice of motor. The effective length is calculated at the end of the configuration process.