








General Properties			Minimum	Typical	Maximum	Unit
Payload *	No pads parallel to the ground		0.001 0.002	- -	10 22.046	[kg] [lb]
	No pads perpendicular to the ground		0.001 0.002		3.4 7.49	[kg] [lb]
	Protective pads		0.001 0.002		2.8 6.17	[kg] [lb]
	Protective pads vertical		0.001 0.002		2.65 5.84	[kg] [lb]
	Cylindrical workpieces parallel to the ground		0.001 0.002		4.1 9.038	[kg] [lb]
	Cylindrical workpieces perpendicular to the ground x		0.001 0.002		3 6.61	[kg] [lb]
	Cylindrical workpieces perpendicular to the ground y		0.001 0.002		2.2 4.85	[kg] [lb]
Pulling force					300	[N]
Workpiece size required for full force [L,W] **			65.4 x 65.4 2.574 x 2.574	- -	- -	[mm] [inch]
Magnetism resolution			-	10	-	[steps]
Gripping time (including brake activation)			-	300 ***	-	[ms]
Hold workpiece if power is lost?			Yes			
Storage temperature			0 32	- -	55 131	[°C] [°F]
Motor			Integrated, electric BLDC			

General Properties	Minimum	Typical	Maximum	Unit
IP Classification	IP67			
Dimensions [Ø, L]	71 x 80.2 2.8 x 3.24			[mm] [inch]
Weight	0.8 1.763			[kg] [lb]

* Values are applicable at 3G. Depending on the acceleration, the gripper might be able to lift and carry up to 15 kg.

** To achieve the full force, all four fingers must be in contact with the workpiece.

*** When you use the UR CB3 tool connector, the gripping time can increase up to 500 ms.

Operating Conditions	Minimum	Typical	Maximum	Unit
Power Supply	20	24	25	[V]
Operating current consumption	600 *	-	2000 **	[mA]
Operating temperature	5 41	- -	50 122	[°C] [°F]
Relative humidity (non-condensing)	0	-	95	[%]
Calculated operation life	30 000	-	-	[Hours]

* To perform a grip.

** Automatically adapts to the current requirements when UR CB3 tool connector is used (600 mA).