

ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
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Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
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Expert team | Trust guarantee | 100% satisfaction

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Planetary Gearheads

0,5 Nm

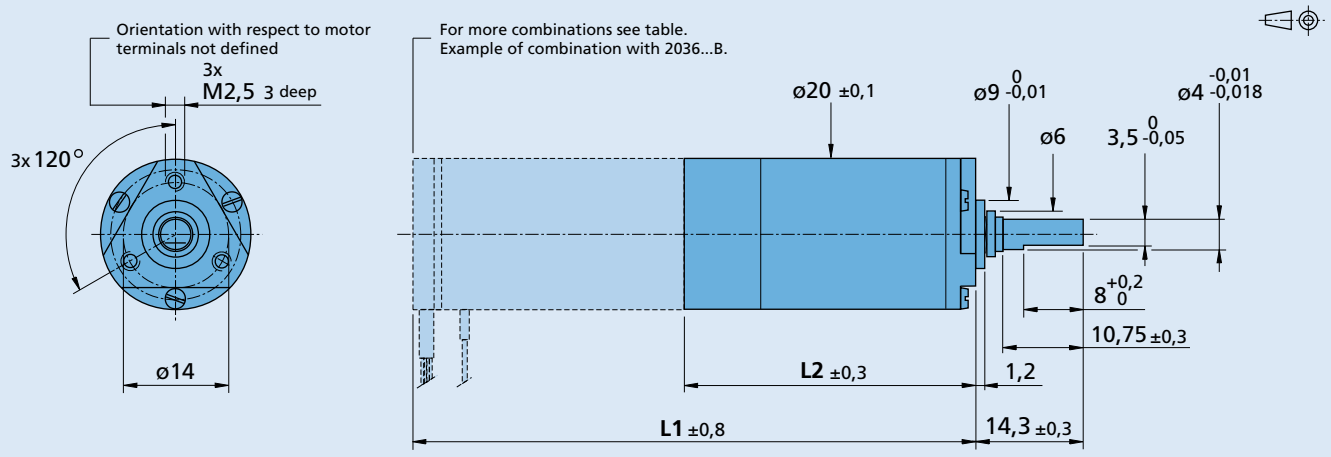
For combination with
DC-Micromotors
Brushless DC-Motors

Series 20/1

	20/1
Housing material	steel
Geartrain material	metal
Recommended max. input speed for:	
– continuous operation	5 000 rpm
Backlash, at no-load	≤ 1 °
Bearings on output shaft	ball bearings, preloaded
Shaft load, max.:	
– radial (8,5 mm from mounting face)	≤ 75 N
– axial	≤ 20 N
Shaft press fit force, max.	≤ 35 N
Shaft play	
– radial (8,5 mm from mounting face)	≤ 0,03 mm
– axial	= 0 mm
Operating temperature range	- 30 ... + 100 °C

Specifications								
Number of gear stages		1	2	2	3	3	4	5
Continuous torque	mNm	500	500	500	500	500	500	500
Intermittent torque	mNm	700	700	700	700	700	700	700
Mass without motor, ca.	g	28	38	38	48	48	58	68
Efficiency, max.	%	88	80	80	70	70	60	55
Direction of rotation, drive to output		=	=	=	=	=	=	=
Reduction ratio [1] (rounded)		**3,71:1**	**9,7:1** **14:1**	**23:1**	**43:1** **66:1**	**86:1**	**112:1** **134:1** **159:1** **190:1** **246:1**	**415:1** **592:1** **989:1** **1 526:1**
L2 [mm] = length without motor [2]		18,4	23,5	23,5	28,6	28,6	33,7	38,8
L1 [mm] = length with motor	1727U...C	45,6	50,7	50,7	55,8	55,8	60,9	66,0
	1741U...CXR	59,6	64,7	64,7	69,8	69,8	74,9	80,0
	2224U...SR	42,6	47,7	47,7	52,8	52,8	57,9	63,0
	2230U...S	48,4	53,5	53,5	58,6	58,6	63,7	68,8
	2232U...SR	50,6	55,7	55,7	60,8	60,8	65,9	71,0
	2233U...S	51,0	56,1	56,1	61,2	61,2	66,3	71,4
	2036U...B	54,4	59,5	59,5	64,6	64,6	69,7	74,8
	2057S...B	77,3	82,4	87,9	87,5	93,0	92,6	97,7
	2057S...BHS	75,4	80,5	80,5	85,6	85,6	90,7	95,8

[1] The reduction ratios are rounded, the exact values are available on request or at www.faulhaber.com.
[2] L2 + 1,9 mm or 7,4 mm, in combination with 2057S...B.



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Specifications subject to change without notice.

Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

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