



PLANETARY GEARBOXES | Ø 22 - 52 mm 0.53 - 25 Nm

HP SERIES

We offer a broad range of high quality planetary gearboxes in standard and customized configurations. Our customer-centric approach makes us the ideal supplier for your project, especially to instrument and apparatus builders. In addition, we offer immediate delivery, thanks to always having a high number of motors in stock.

Customizations include:

- ✓ Customized harness
- ✓ Winding configuration
- ✓ Shaft configuration
- ✓ And more...

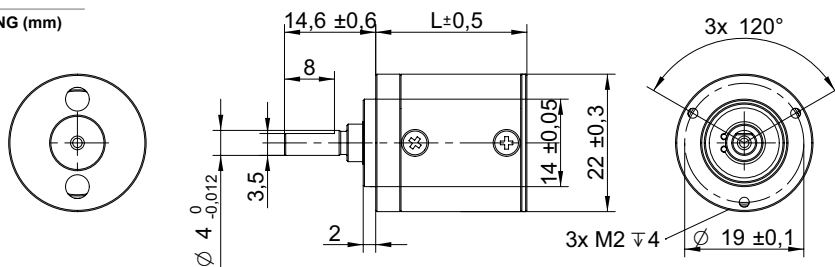
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MODEL	DIAMETER mm	LENGTH mm	MAX. NOMINAL INPUT SPEED rpm	MAX. NOMINAL TORQUE Nm	PAGE
HP22	22	24.2 to 40.5	8000	0.53 to 0.71	1
HP28	28	31 to 51	8000	0.66 to 3.9	2
HP32	32	35.8 to 45.5	7000 to 8000	2.0 to 3.9	3
HP42	42	49.7 to 76.0	6000 to 8000	2.6 to 13	4
HP52	52	54.3 to 82.7	6000	3.9 to 25	5

HP22 | Ø 22 mm | HIGH PRECISION PLANETARY GEARBOX



DRAWING (mm)



PHOTO



MODEL NO. DESIGNATION

HP22 - GEAR RATIO

Example: HP22-003.7

ACCESSORIES

● C = customizations are offered on demand even for smaller quantities. Typical customizations are indicated with a green dot at column end. Please contact us for any customization request.

PLANETARY GEARBOX DATA STAGE 1 TO 2

		3.7:1	4.3:1	5:1	7:1	14:1	16:1	18:1	19:1	22:1	25:1	27:1	29:1	35:1	46:1	C
Gear ratio		3.7:1	4.3:1	5:1	7:1	14:1	16:1	18:1	19:1	22:1	25:1	27:1	29:1	35:1	46:1	
Gear stage		1	1	1	1	2	2	2	2	2	2	2	2	2	2	
Max. nominal input speed	rpm	8000	8000	8000	8000	8000	8000	8000	8000	8000	8000	8000	8000	8000	8000	
Max. nominal torque ¹	Nm	0.53	0.53	0.53	0.53	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	
Peak torque ¹	Nm	0.79	0.79	0.79	0.79	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	
Efficiency	%	90	90	90	90	80	80	80	80	80	80	80	80	80	80	
Length L	mm	24.2	24.2	24.2	24.2	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	
Weight	g	43	43	43	43	58	58	58	58	58	58	58	58	58	58	
Backlash no load	°	1.5	1.5	1.5	1.5	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	
Radial load ²	N	25	25	25	25	34	34	34	34	34	34	34	34	34	34	
Shaft axial load	N	9.8	9.8	9.8	9.8	15	15	15	15	15	15	15	15	15	15	

PLANETARY GEARBOX DATA STAGE 3

		51:1	59:1	68:1	71:1	93:1	95:1	100:1	107:1	115:1	124:1	130:1	139:1	150:1	169:1	181:1	195:1	236:1	308:1	C
Gear ratio		51:1	59:1	68:1	71:1	93:1	95:1	100:1	107:1	115:1	124:1	130:1	139:1	150:1	169:1	181:1	195:1	236:1	308:1	
Gear stage		3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
Max. nominal input speed	rpm	8000	8000	8000	8000	8000	8000	8000	8000	8000	8000	8000	8000	8000	8000	8000	8000	8000	8000	
Max. nominal torque ¹	Nm	0.71	0.71	0.71	0.71	0.71	0.71	0.71	0.71	0.71	0.71	0.71	0.71	0.71	0.71	0.71	0.71	0.71	0.71	
Peak torque ¹	Nm	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	
Efficiency	%	70	70	70	70	70	70	70	70	70	70	70	70	70	70	70	70	70	70	
Length L	mm	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	
Weight	g	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	
Backlash no load	°	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	
Radial load ²	N	49	49	49	49	49	49	49	49	49	49	49	49	49	49	49	49	49	49	
Shaft axial load	N	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	

OTHER GEARBOX DATA

		C
Service life	h	1000
Performance tolerances	%	15
Operating temperature	°C	-30 to 100
Relative humidity	%	20 to 85
Noise level ³	dB(A)	Depending on motor model
IP rating		IP40
Manufacturing standard		ISO 9001 ISO 14001 ISO 5001
CE label UL label		No No
Shaft press fit force max.	N	49
Radial play	mm	0.05
Thrust play	mm	0.2
Bearing type		Ball bearing
Shaft material		Steel
Housing material		Steel
Direction of rotation		CW and CCW

MOTOR COMPATIBILITY⁴

Compatible motor types: Brushed DC motors, brushless DC motors, and stepping motors.

EXAMPLE GEAR MOTOR DATA FOR COMPATIBLE MODEL

Motor model	BR2268-12
Gearbox	HP22-018
Gear ratio	18:1
Nominal speed	rpm 190
Nominal torque	Nm 0.27
Nominal power	W 5.5

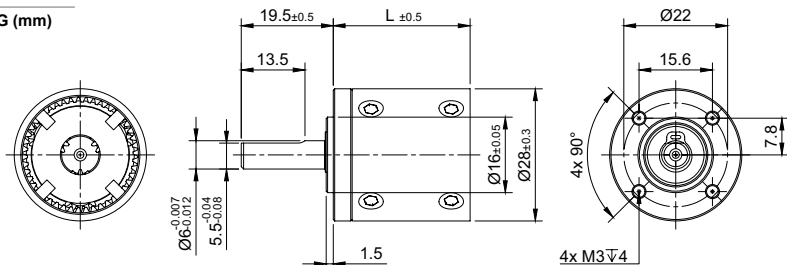
NOTES

1. Available in higher torque options. Contact us for more information.
2. 10 mm from flange.
3. Contact us for more detailed information.
4. Transmotec offers a range of different compatible motors. Visit www.transmotec.com for more information.

HP28 | Ø 28 mm | HIGH PRECISION PLANETARY GEARBOX



DRAWING (mm)



PHOTO



MODEL NO. DESIGNATION

HP28 - GEAR RATIO

Example: HP28-003.7

ACCESSORIES

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PLANETARY GEARBOX DATA STAGE 1 TO 2

		3.7:1	4.3:1	5:1	7:1	14:1	16:1	18:1	19:1	22:1	25:1	27:1	29:1	35:1	46:1	C
Gear ratio		3.7:1	4.3:1	5:1	7:1	14:1	16:1	18:1	19:1	22:1	25:1	27:1	29:1	35:1	46:1	
Gear stage		1	1	1	1	2	2	2	2	2	2	2	2	2	2	
Max. nominal input speed	rpm	8000	8000	8000	8000	8000	8000	8000	8000	8000	8000	8000	8000	8000	8000	
Max. nominal torque	Nm	0.66	0.66	0.66	0.66	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	
Peak torque	Nm	0.98	0.98	0.98	0.98	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	
Efficiency	%	80	80	80	80	75	75	75	75	75	75	75	75	75	75	
Length L	mm	29	29	29	29	38.95	38.95	38.95	38.95	38.95	38.95	38.95	38.95	38.95	38.95	
Weight	g	160	160	160	160	210	210	210	210	210	210	210	210	210	210	
Backlash no load	°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	
Radial load ¹	N	39	39	39	39	69	69	69	69	69	69	69	69	69	69	
Shaft axial load	N	9.8	9.8	9.8	9.8	20	20	20	20	20	20	20	20	20	20	

PLANETARY GEARBOX DATA STAGE 3

		51:1	59:1	68:1	71:1	82:1	93:1	95:1	100:1	107:1	115:1	124:1	130:1	139:1	150:1	169:1	181:1	195:1	236:1	308:1	C
Gear ratio		51:1	59:1	68:1	71:1	82:1	93:1	95:1	100:1	107:1	115:1	124:1	130:1	139:1	150:1	169:1	181:1	195:1	236:1	308:1	
Gear stage		3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
Max. nominal input speed	rpm	8000	8000	8000	8000	8000	8000	8000	8000	8000	8000	8000	8000	8000	8000	8000	8000	8000	8000	8000	
Max. nominal torque	Nm	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	
Peak torque	Nm	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	
Efficiency	%	70	70	70	70	70	70	70	70	70	70	70	70	70	70	70	70	70	70	70	
Length L	mm	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	
Weight	g	260	260	260	260	260	260	260	260	260	260	260	260	260	260	260	260	260	260	260	
Backlash no load	°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	
Radial load ¹	N	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	
Shaft axial load	N	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	

OTHER GEARBOX DATA

		C
Service life	h	1000
Performance tolerances	%	15
Operating temperature	°C	-30 to 100
Relative humidity	%	20 to 85
Noise level ²	dB(A)	Depending on motor model
IP rating		IP40
Manufacturing standard		ISO 9001 ISO 14001 ISO 5001
CE label UL label		No No
Shaft press fit force max.	N	98
Radial play	mm	0.05
Thrust play	mm	0.3
Bearing type		Ball bearing
Shaft material		Steel
Housing material		Steel
Direction of rotation		CW and CCW

MOTOR COMPATIBILITY³

Compatible motor types Brushed DC motors, brushless DC motors, and stepping motors.

EXAMPLE GEAR MOTOR DATA FOR COMPATIBLE MODEL

Motor model	BT2838-12
Gearbox	HP28-018
Gear ratio	18:1
Nominal speed	rpm 290
Nominal torque	Nm 0.078
Nominal power	W 2.4

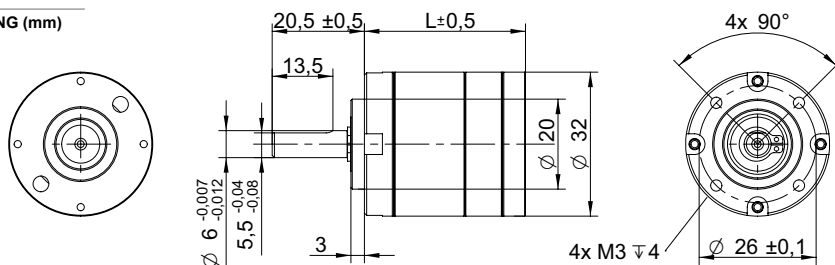
NOTES

1. 10 mm from flange.
2. Contact us for more detailed information.
3. Transmotec offers a range of different compatible motors. Visit www.transmotec.com for more information.

HP32 | Ø 32 mm | PLANETARY GEARBOX



DRAWING (mm)



PHOTO



MODEL NO. DESIGNATION

HP32 - GEAR RATIO

Example: HP32-014

ACCESSORIES

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PLANETARY GEARBOX DATA STAGE 2

		14:1	16:1	18:1	19:1	22:1	25:1	27:1	29:1	35:1	46:1	C
Gear ratio		14:1	16:1	18:1	19:1	22:1	25:1	27:1	29:1	35:1	46:1	
Gear stage		2	2	2	2	2	2	2	2	2	2	
Max. nominal input speed	rpm	7000	7000	7000	7000	7000	7000	7000	7000	7000	7000	
Max. nominal torque	Nm	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	
Peak torque	Nm	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	
Efficiency	%	75	75	75	75	75	75	75	75	75	75	
Length L	mm	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	
Weight	g	200	200	200	200	200	200	200	200	200	200	
Backlash no load	°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	
Radial load ¹	N	69	69	69	69	69	69	69	69	69	69	
Shaft axial load	N	20	20	20	20	20	20	20	20	20	20	

PLANETARY GEARBOX DATA STAGE 3

		51:1	59:1	68:1	71:1	93:1	95:1	100:1	107:1	115:1	124:1	130:1	139:1	150:1	169:1	181:1	195:1	236:1	308:1	C
Gear ratio		51:1	59:1	68:1	71:1	93:1	95:1	100:1	107:1	115:1	124:1	130:1	139:1	150:1	169:1	181:1	195:1	236:1	308:1	
Gear stage		3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
Max. nominal input speed	rpm	8000	8000	8000	8000	8000	8000	8000	8000	8000	8000	8000	8000	8000	8000	8000	8000	8000	8000	
Max. nominal torque	Nm	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	
Peak torque	Nm	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	
Efficiency	%	70	70	70	70	70	70	70	70	70	70	70	70	70	70	70	70	70	70	
Length L	mm	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	
Weight	g	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	
Backlash no load	°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	
Radial load ¹	N	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	
Shaft axial load	N	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	

OTHER GEARBOX DATA

		C
Service life	h	1000
Performance tolerances	%	15
Operating temperature	°C	-30 to 100
Relative humidity	%	20 to 85
Noise level ²	dB(A)	Depending on motor model
IP rating		IP40
Manufacturing standard		ISO 9001 ISO 14001 ISO 5001
CE label UL label		No No
Shaft press fit force max.	N	98
Radial play	mm	0.05
Thrust play	mm	0.3
Bearing type		Ball bearing
Shaft material		Steel
Housing material		Steel
Direction of rotation		CW and CCW

MOTOR COMPATIBILITY³

Compatible motor types: Brushed DC motors, brushless DC motors, and stepping motors.

EXAMPLE GEAR MOTOR DATA FOR COMPATIBLE MODEL

Motor model	BT3229-12
Gearbox	HP32-018
Gear ratio	18:1
Nominal speed	rpm 260
Nominal torque	Nm 0.11
Nominal power	W 3.0

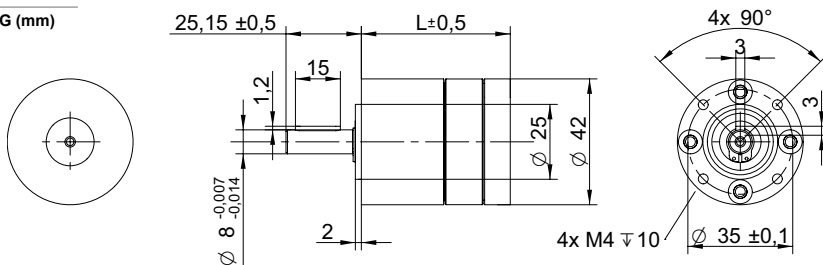
NOTES

1. 10 mm from flange.
2. Contact us for more detailed information.
3. Transmotec offers a range of different compatible motors. Visit www.transmotec.com for more information.

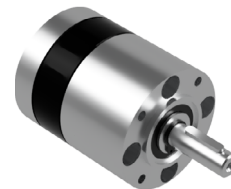
HP42 | Ø 42 mm | PLANETARY GEARBOX



DRAWING (mm)



PHOTO



MODEL NO. DESIGNATION

HP42 - GEAR RATIO

Example: HP42-004

ACCESSORIES

● C = customizations are offered on demand even for smaller quantities. Typical customizations are indicated with a green dot at column end. Please contact us for any customization request.

PLANETARY GEARBOX DATA STAGE 1 TO 2

		4:1	4.6:1	5.4:1	7:1	9:1	14:1	16:1	17:1	19:1	23:1	25:1	27.8:1	28.1:1	34:1	45:1	58:1
Gear ratio		4:1	4.6:1	5.4:1	7:1	9:1	14:1	16:1	17:1	19:1	23:1	25:1	27.8:1	28.1:1	34:1	45:1	58:1
Gear stage		1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2
Max. nominal input speed	rpm	6000	6000	6000	6000	6000	7000	7000	7000	7000	7000	7000	7000	7000	7000	7000	7000
Max. nominal torque ¹	Nm	2.6	2.6	2.6	2.6	2.6	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
Peak torque ¹	Nm	4.0	4.0	4.0	4.0	4.0	10	10	10	10	10	10	10	10	10	10	10
Efficiency	%	80	80	80	80	80	75	75	75	75	75	75	75	75	75	75	75
Length L	mm	49.7	49.7	49.7	49.7	49.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
Weight	g	280	280	280	280	280	390	390	390	390	390	390	390	390	390	390	390
Backlash no load	°	0.9	0.9	0.9	0.9	0.9	1	1	1	1	1	1	1	1	1	1	1
Radial load ²	N	160	160	160	160	160	240	240	240	240	240	240	240	240	240	240	240
Shaft axial load	N	49	49	49	49	49	78	78	78	78	78	78	78	78	78	78	78

PLANETARY GEARBOX DATA STAGE 3

		67:1	70:1	81:1	84:1	91:1	98:1	102:1	106:1	115:1	123:1	128:1	137:1	145:1	166:1	176:1	192:1	232:1	302:1	393:1
Gear ratio		67:1	70:1	81:1	84:1	91:1	98:1	102:1	106:1	115:1	123:1	128:1	137:1	145:1	166:1	176:1	192:1	232:1	302:1	393:1
Gear stage		3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
Max. nominal input speed	rpm	8000	8000	8000	8000	8000	8000	8000	8000	8000	8000	8000	8000	8000	8000	8000	8000	8000	8000	8000
Max. nominal torque ¹	Nm	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13
Peak torque ¹	Nm	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
Efficiency	%	70	70	70	70	70	70	70	70	70	70	70	70	70	70	70	70	70	70	70
Length L	mm	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
Weight	g	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500
Backlash no load	°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
Radial load ²	N	290	290	290	290	290	290	290	290	290	290	290	290	290	290	290	290	290	290	290
Shaft axial load	N	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110

OTHER GEARBOX DATA

Service life	h	1000
Performance tolerances	%	15
Operating temperature	°C	-30 to 100
Relative humidity	%	20 to 85
Noise level ³	dB(A)	Depending on motor model
IP rating		IP42
Manufacturing standard		ISO 9001 ISO 14001 ISO 5001
CE label UL label		No No
Shaft press fit force max.	N	310
Radial play	mm	0.05
Thrust play	mm	0.3
Bearing type		Ball bearing
Shaft material		Steel
Housing material		Steel
Direction of rotation		CW and CCW

MOTOR COMPATIBILITY⁴

Compatible motor types: Brushed DC motors, brushless DC motors, and stepping motors.

EXAMPLE GEAR MOTOR DATA FOR COMPATIBLE MODEL

Motor model	BR4260-12
Gearbox	HP42-058
Gear ratio	58:1
Nominal speed	rpm 72
Nominal torque	Nm 2.4
Nominal power	W 18

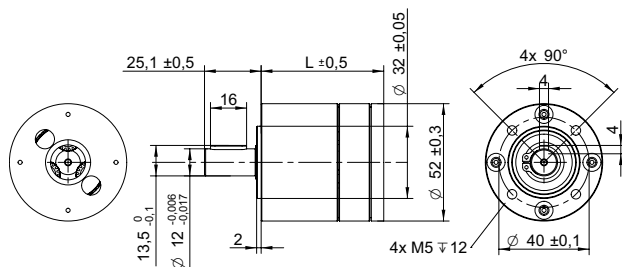
NOTES

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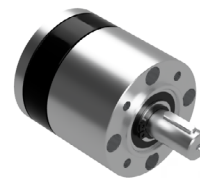
HP52 | Ø 52 mm | PLANETARY GEARBOX



DRAWING (mm)



PHOTO



MODEL NO. DESIGNATION

HP52 - GEAR RATIO

Example: HP52-004

ACCESSORIES

● C = customizations are offered on demand even for smaller quantities. Typical customizations are indicated with a green dot at column end. Please contact us for any customization request.

PLANETARY GEARBOX DATA STAGE 1 TO 2

		4:1	4.6:1	5.4:1	7:1	9:1	14:1	16:1	17:1	19:1	23:1	25:1	27.8:1	28.1:1	34:1	45:1	58:1
Gear ratio		4:1	4.6:1	5.4:1	7:1	9:1	14:1	16:1	17:1	19:1	23:1	25:1	27.8:1	28.1:1	34:1	45:1	58:1
Gear stage		1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2
Max. nominal input speed	rpm	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000
Max. nominal torque	Nm	3.9	3.9	3.9	3.9	3.9	12	12	12	12	12	12	12	12	12	12	12
Peak torque	Nm	5.9	5.9	5.9	5.9	5.9	18	18	18	18	18	18	18	18	18	18	18
Efficiency	%	80	80	80	80	80	75	75	75	75	75	75	75	75	75	75	75
Length L	mm	54.3	54.3	54.3	54.3	54.3	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
Weight	g	690	690	690	690	690	890	890	890	890	890	890	890	890	890	890	890
Backlash no load	°	0.7	0.7	0.7	0.7	0.7	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
Radial load ¹	N	200	200	200	200	200	310	310	310	310	310	310	310	310	310	310	310
Shaft axial load	N	59	59	59	59	59	98	98	98	98	98	98	98	98	98	98	98

PLANETARY GEARBOX DATA STAGE 3

		67:1	70:1	81:1	84:1	91:1	98:1	102:1	106:1	115:1	123:1	128:1	137:1	145:1	166:1	176:1	192:1	232:1	302:1	393:1
Gear ratio		67:1	70:1	81:1	84:1	91:1	98:1	102:1	106:1	115:1	123:1	128:1	137:1	145:1	166:1	176:1	192:1	232:1	302:1	393:1
Gear stage		3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
Max. nominal input speed	rpm	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000
Max. nominal torque	Nm	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25
Peak torque	Nm	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37
Efficiency	%	70	70	70	70	70	70	70	70	70	70	70	70	70	70	70	70	70	70	70
Length L	mm	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
Weight	g	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100
Backlash no load	°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
Radial load ¹	N	440	440	440	440	440	440	440	440	440	440	440	440	440	440	440	440	440	440	440
Shaft axial load	N	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150

OTHER GEARBOX DATA

Service life	h	1000
Performance tolerances	%	15
Operating temperature	°C	-30 to 100
Relative humidity	%	20 to 85
Noise level ²	dB(A)	Depending on motor model
IP rating		IP42
Manufacturing standard		ISO 9001 ISO 14001 ISO 5001
CE label UL label		No No
Shaft press fit force max.	N	490
Radial play	mm	0.05
Thrust play	mm	0.3
Bearing type		Ball bearing
Shaft material		Steel
Housing material		Steel
Direction of rotation		CW and CCW

MOTOR COMPATIBILITY³

Compatible motor types Brushed DC motors, brushless DC motors, and stepping motors.

EXAMPLE GEAR MOTOR DATA FOR COMPATIBLE MODEL

Motor model	987-5025F-C
Gearbox	HP52-058
Gear ratio	58:1
Nominal speed	rpm 69
Nominal torque	Nm 3.7
Nominal power	W 26

NOTES

1. 10 mm from flange.
2. Contact us for more detailed information.
3. Transmotec offers a range of different compatible motors. Visit www.transmotec.com for more information.