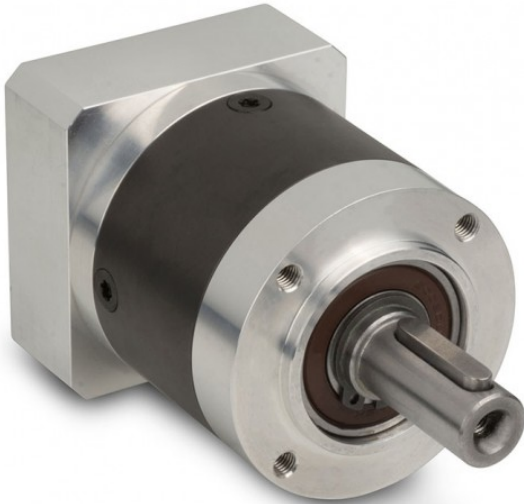


60PE100

60 mm Planetary Gearhead, 100:1 ratio



Product Features

- *Maximum efficiency*
- *Light yet powerful*
- *Low friction bearing design*
- *Optimized lubrication*
- *100:1 gear ratio, 92% efficient*



Description

The 60PE100 planetary gearhead features a 100:1 gear ratio and a high operating efficiency. A low friction bearing design maintains maximum efficiency at all speeds.

The table below shows compatibility with this gearhead and motors from Applied Motion Products:

- To purchase this gearhead for a motor listed below, select the gearhead part number according to the compatible motor type and click the Add to Cart button.
- To purchase this gearhead for a motor not listed below, use the [Request a Quote form](#) to submit your inquiry.












Gearhead Part No.	Compatible Motors
60PE100-SSAB1	J0x00-xxx-4-000 servo motors (60 mm J series)
60PE100-SSAF1	SSM23x-4xx StepSERVO integrated motors TSM23 StepSERVO integrated motors HT23-SSxDGA StepSERVO motors HT24-SS3DGB StepSERVO motor HT24 step motors HW24 step motors STM24 integrated steppers SWM24 integrated steppers
60PE100-SSAF2	SSM23x-2xx StepSERVO integrated motors SSM23x-3xx StepSERVO integrated motors HT23-SSxDGB StepSERVO motors HT23 step motors STM23 integrated steppers
60PE100-SSAF3	HW23 step motors
60PE100-SSAF4	TXM24 StepSERVO integrated motors

View the full line of PE Planetary Gearheads [here](#) .

Specifications

Part Number:	60PE100
Frame Size:	60 mm
Ratio:	100:1
Torque, Nominal:	389 in-lb
Torque, Max Accel:	620 in-lb
Torque, E-Stop:	779 in-lb
Length:	3.779 inches
Weight:	2.9 lbs
Input Speed:	4500 rpm
Backlash:	15
Low Backlash:	0
Operating Temperature:	-20 to 90 °C
IP Rating:	IP54
Service Life:	30,000 hours
Efficiency:	92%

Downloads

Product PDF - S3 Link:	http://s3.amazonaws.com/applied-motion-pdf/60PE100.pdf
Datasheet:	 PE-Planetary-Gearheads-brochure-925-0052B.pdf
2D Drawing:	 60PEXXX-SSAB1_RevC.pdf  60PEXXX-SSAF1_RevC.pdf  60PEXXX-SSAF2_RevC.pdf  60PEXXX-SSAF3_RevC.pdf  60PEXXX-SSAF4_RevC.pdf
3D Drawing:	 60PEXXX-SSAB1_Triple_Stage.zip  60PEXXX-SSAF1_Triple_Stage.zip  60PEXXX-SSAF2_Triple_Stage.zip  60PEXXX-SSAF3_Triple_Stage.zip  60PEXXX-SSAF4_Triple_Stage.zip

Products in the Series *PE Gearheads*

Part Number	Frame Size	Ratio	Length	Output Torque	Backlash	1pc.
40PE004	40 mm	4:1	2.46	133	15	\$407.00
40PE005	40 mm	5:1	2.46	124	15	\$407.00
40PE007	40 mm	7:1	2.46	75	15	\$407.00
40PE010	40 mm	10:1	2.46	44	15	\$407.00
40PE015	40 mm	15:1	2.97	159	19	\$467.00
40PE025	40 mm	25:1	2.97	159	19	\$467.00
40PE060	40 mm	60:1	3.46	177	22	\$527.00
40PE100	40 mm	100:1	3.46	177	22	\$527.00
60PE004	60 mm	4:1	2.795	336	10	\$446.00
60PE005	60 mm	5:1	2.795	354	10	\$446.00
60PE007	60 mm	7:1	2.795	221	10	\$446.00
60PE010	60 mm	10:1	2.795	133	10	\$446.00
60PE015	60 mm	15:1	3.287	389	12	\$536.00
60PE025	60 mm	25:1	3.287	354	12	\$536.00
60PE060	60 mm	60:1	3.779	389	15	\$626.00
60PE100	60 mm	100:1	3.779	389	15	\$626.00
80PE004	80 mm	4:1	3.681	1018	7	\$614.00
80PE005	80 mm	5:1	3.681	974	7	\$614.00
80PE007	80 mm	7:1	3.681	575	7	\$614.00
80PE010	80 mm	10:1	3.681	336	7	\$614.00
80PE015	80 mm	15:1	4.35	974	7	\$716.00
80PE025	80 mm	25:1	4.35	974	9	\$716.00
80PE060	80 mm	60:1	5.039	974	11	\$836.00
80PE100	80 mm	100:1	5.039	1062	11	\$836.00