# Module 1.25

# Spur gear

S/Steel 303

S/Steel 316



Quality grade 7e25

- ***Quality grade 7e25* DIN 3961 (AGMA Q10)**
- *Material :*
  *Stainless steel 303*
  *Stainless steel 316*
- *Teeth profile conform to DIN 867*
- *Tooth thickness conforms to DIN 3967*
- *Efficiency approx 98%*

## Options

- *Alternative bores (H7)*
- *Keyway conforming to DIN 6885 (JS9)*
- *Tapped hole*
- *Hole for dowel pin*

## Info.

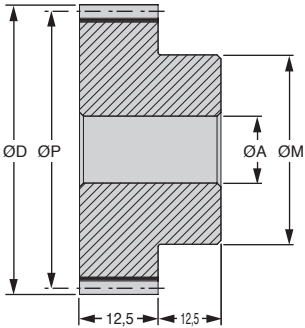
- *Torque figures are for 100 rpm and are given as a guide only*

## DISCOUNTS

| Qty | 1+ | 6+ | 19+ | 50+ |
|---|---|---|---|---|
| Disc. | List | -5% | -10% | On request |

| Part number S/steel303 | Part number S/steel 316 | Z Teeth | ØP Pitch | ØD External | ØA Bore | ØM Boss | Backlash (mm) | Torque (Nm) S/steel 303 | Torque (Nm) S/steel316 | Weight (kg) | Price each 1 to 5 S/steel303 | Price each 1 to 5 S/steel 316 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PSG1.25-18S | PSG1.25-18SL | 18 | 22,50 | 25,00 | 6 | 15 | 0,097 - 0,046 | 1,98 | 1,54 | 0,051 | 52,94 € | 60,77 € |
| PSG1.25-19S | PSG1.25-19SL | 19 | 23,75 | 26,25 | 6 | 15 | 0,097 - 0,046 | 2,09 | 1,62 | 0,056 | 53,73 € | 61,66 € |
| PSG1.25-20S | PSG1.25-20SL | 20 | 25,00 | 27,50 | 6 | 15 | 0,108 - 0,052 | 2,78 | 2,16 | 0,061 | 54,52 € | 62,59 € |
| PSG1.25-21S | PSG1.25-21SL | 21 | 26,25 | 28,75 | 8 | 20 | 0,108 - 0,052 | 2,92 | 2,27 | 0,075 | 56,23 € | 64,59 € |
| PSG1.25-22S | PSG1.25-22SL | 22 | 27,50 | 30,00 | 8 | 20 | 0,108 - 0,052 | 3,05 | 2,38 | 0,080 | 57,04 € | 65,51 € |
| PSG1.25-23S | PSG1.25-23SL | 23 | 28,75 | 31,25 | 8 | 20 | 0,108 - 0,052 | 3,19 | 2,48 | 0,085 | 57,31 € | 65,79 € |
| PSG1.25-24S | PSG1.25-24SL | 24 | 30,00 | 32,50 | 8 | 22 | 0,108 - 0,052 | 3,33 | 2,59 | 0,098 | 57,62 € | 66,16 € |
| PSG1.25-25S | PSG1.25-25SL | 25 | 31,25 | 33,75 | 8 | 22 | 0,109 - 0,050 | 3,47 | 2,70 | 0,104 | 59,98 € | 68,92 € |
| PSG1.25-26S | PSG1.25-26SL | 26 | 32,50 | 35,00 | 8 | 22 | 0,109 - 0,050 | 4,25 | 3,30 | 0,110 | 62,16 € | 71,38 € |
| PSG1.25-27S | PSG1.25-27SL | 27 | 33,75 | 36,25 | 8 | 22 | 0,109 - 0,050 | 4,41 | 3,43 | 0,116 | 63,43 € | 72,86 € |
| PSG1.25-28S | PSG1.25-28SL | 28 | 35,00 | 37,50 | 8 | 25 | 0,109 - 0,050 | 4,57 | 3,56 | 0,134 | 64,88 € | 74,49 € |
| PSG1.25-29S | PSG1.25-29SL | 29 | 36,25 | 38,75 | 8 | 25 | 0,109 - 0,050 | 4,74 | 3,68 | 0,141 | 66,57 € | 76,42 € |
| PSG1.25-30S | PSG1.25-30SL | 30 | 37,50 | 40,00 | 8 | 25 | 0,109 - 0,050 | 5,39 | 4,19 | 0,148 | 67,67 € | 77,71 € |
| PSG1.25-32S | PSG1.25-32SL | 32 | 40,00 | 42,50 | 8 | 25 | 0,109 - 0,050 | 5,75 | 4,47 | 0,163 | 69,41 € | 79,71 € |
| PSG1.25-35S | PSG1.25-35SL | 35 | 43,75 | 46,25 | 10 | 30 | 0,109 - 0,050 | 6,29 | 4,89 | 0,204 | 71,77 € | 82,42 € |
| PSG1.25-38S | PSG1.25-38SL | 38 | 47,50 | 50,00 | 10 | 30 | 0,109 - 0,050 | 6,83 | 5,31 | 0,230 | 74,69 € | 85,77 € |
| PSG1.25-40S | PSG1.25-40SL | 40 | 50,00 | 52,50 | 10 | 30 | 0,120 - 0,057 | 9,18 | 7,14 | 0,250 | 77,45 € | 88,93 € |
| PSG1.25-42S | PSG1.25-42SL | 42 | 52,50 | 55,00 | 10 | 30 | 0,122 - 0,055 | 9,64 | 7,50 | 0,270 | 78,02 € | 89,63 € |
| PSG1.25-45S | PSG1.25-45SL | 45 | 56,25 | 58,75 | 10 | 30 | 0,122 - 0,055 | 10,33 | 8,04 | 0,301 | 79,16 € | 90,89 € |

*Dimensions in mm*




## DISCOUNTS

| Qty | 1+ | 6+ | 19+ | 50+ |
|---|---|---|---|---|
| Disc. | List | -5% | -10% | On request |

| Part number S/steel303 | Part number S/steel 316 | Z Teeth | ØP Pitch | ØD External | ØA Bore | ØM Boss | Backlash (mm) | Torque (Nm) S/steel 303 | Torque (Nm) S/steel316 | Weight (kg) | Price each 1 to 5 S/steel303 | Price each 1 to 5 S/steel 316 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PSG1.25-48S | PSG1.25-48SL | 48 | 60,00 | 62,50 | 10 | 40 | 0,122 - 0,055 | 11,02 | 8,57 | 0,390 | 79,80 € | 91,62 € |
| PSG1.25-50S | PSG1.25-50SL | 50 | 62,50 | 65,00 | 10 | 40 | 0,122 - 0,055 | 13,61 | 10,59 | 0,414 | 88,09 € | 101,16 € |
| PSG1.25-52S | PSG1.25-52SL | 52 | 65,00 | 67,50 | 10 | 40 | 0,122 - 0,055 | 14,16 | 11,01 | 0,439 | 90,69 € | 104,16 € |
| PSG1.25-55S | PSG1.25-55SL | 55 | 68,75 | 71,25 | 10 | 40 | 0,122 - 0,055 | 14,97 | 11,65 | 0,478 | 94,52 € | 108,50 € |
| PSG1.25-58S | PSG1.25-58SL | 58 | 72,50 | 75,00 | 10 | 40 | 0,122 - 0,055 | 15,79 | 12,28 | 0,520 | 97,38 € | 111,79 € |
| PSG1.25-60S | PSG1.25-60SL | 60 | 75,00 | 77,50 | 10 | 50 | 0,122 - 0,055 | 19,44 | 15,12 | 0,619 | 99,61 € | 114,37 € |
| PSG1.25-62S | PSG1.25-62SL | 62 | 77,50 | 80,00 | 10 | 50 | 0,122 - 0,055 | 20,09 | 15,62 | 0,649 | 102,88 € | 118,16 € |
| PSG1.25-65S | PSG1.25-65SL | 65 | 81,25 | 83,75 | 10 | 50 | 0,123 - 0,053 | 21,06 | 16,38 | 0,696 | 110,24 € | 126,60 € |
| PSG1.25-68S | PSG1.25-68SL | 68 | 85,00 | 87,50 | 10 | 50 | 0,123 - 0,053 | 22,03 | 17,14 | 0,745 | 115,93 € | 133,13 € |
| PSG1.25-70S | PSG1.25-70SL | 70 | 87,50 | 90,00 | 10 | 50 | 0,123 - 0,053 | 22,68 | 17,64 | 0,778 | 118,35 € | 135,87 € |
| PSG1.25-72S | PSG1.25-72SL | 72 | 90,00 | 92,50 | 10 | 50 | 0,123 - 0,053 | 23,33 | 18,14 | 0,813 | 120,89 € | 138,82 € |
| PSG1.25-75S | PSG1.25-75SL | 75 | 93,75 | 96,25 | 10 | 60 | 0,123 - 0,053 | 24,30 | 18,90 | 0,953 | 128,97 € | 148,07 € |
| PSG1.25-78S | PSG1.25-78SL | 78 | 97,50 | 100,00 | 10 | 60 | 0,123 - 0,053 | 25,27 | 19,66 | 1,009 | 130,89 € | 150,31 € |
| PSG1.25-80S | PSG1.25-80SL | 80 | 100,00 | 102,50 | 10 | 60 | 0,138 - 0,064 | 33,18 | 25,81 | 1,048 | 133,57 € | 153,39 € |
| PSG1.25-82S | PSG1.25-82SL | 82 | 102,50 | 105,00 | 10 | 60 | 0,138 - 0,064 | 34,01 | 26,45 | 1,088 | 135,50 € | 155,51 € |
| PSG1.25-85S | PSG1.25-85SL | 85 | 106,25 | 108,75 | 10 | 60 | 0,138 - 0,064 | 35,25 | 27,42 | 1,149 | 138,38 € | 158,88 € |
| PSG1.25-90S | PSG1.25-90SL | 90 | 112,50 | 115,00 | 10 | 65 | 0,138 - 0,064 | 37,33 | 29,03 | 1,305 | 142,81 € | 164,02 € |
| PSG1.25-95S | PSG1.25-95SL | 95 | 118,75 | 121,25 | 10 | 65 | 0,138 - 0,064 | 39,40 | 30,64 | 1,418 | 158,13 € | 181,55 € |
| PSG1.25-100S | PSG1.25-100SL | 100 | 125,00 | 127,50 | 14 | 65 | 0,140 - 0,062 | 50,00 | 38,89 | 1,523 | 160,21 € | 183,98 € |
| PSG1.25-110S | PSG1.25-110SL | 110 | 137,50 | 140,00 | 14 | 70 | 0,140 - 0,062 | 52,51 | 40,84 | 1,833 | 200,61 € | 230,32 € |
| PSG1.25-120S | PSG1.25-120SL | 120 | 150,00 | 152,50 | 14 | 70 | 0,140 - 0,062 | 55,01 | 42,78 | 2,114 | 226,85 € | 260,47 € |

# Our other products


GAL_25

Ø25 conveyor roller, Without ball bearing


BOX-TOR-INCH

Box set of Nitrile O-rings in inch NBR90Sh A, For fasteners and fitt...


VPPTss

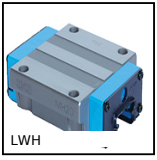
Stainless steel handwheel with handle, Stainless steel 304


PTA40

Articulated foot with solid base foot Ø 40, 3000N


DOMI30

Connecting kits, XY linking kit


LWH

High rigidity linear slide, Chariot - from 9320 N to 71300 N


SHS

Shoulder screw stainless steel 303, Stainless steel 303


SVT30

Screwjack with travelling screw, with translating screw


PO

Pull handle - Multi-sector, Smooth hole


SH0

Parallel axis helical gear, Machined plastic (delrin)


CHMR90

Worm and wheel gear reducer, up to 540 Nm


AFSE

Locking pin with interlocking safety latch, with interlocking safety...

## Complementary products


PSG125S

Spur gear - precision range, Stainless steel 316


PSG125

Spur gear - precision range, Pre-hardened Steel 35NCD6