Module 1.0

Skive hobbed spur gears

Case hardened steel



- ***Quality grade 6e25 DIN 3961 (AGMA Q11)***
- *Material : 20NCD2 case hardened steel 58HRC*
- *Teeth conform to DIN 867*
- *Tooth thickness conforms to DIN 3967*
- *Efficiency approx 98%*

Principle

- *After the gears have been cut, they are hardened and then re-cut(skived) to remove any inaccuracies caused by the heat treatment.*

Quality grade 6e25

Options

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

Info.

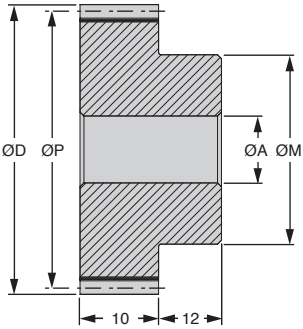
- *Torque figures are for 100 rpm and are given as a guide only.*
- *Grade and tolerances measured before heat treatment.*

DISCOUNTS

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

Part number	Z Teeth	ØP Pitch	ØD External	ØA Bore	ØM Boss	Keyway	Backlash (mm)	Torque (Nm)	Weight (kg)	Price each 1 to 5
PSG1.0-18HC	18	18	20	5	15	-	0,030 - 0,066	6,47	0,033	96,57 €
PSG1.0-19HC	19	19	21	5	15	-	0,029 - 0,067	6,83	0,035	98,02 €
PSG1.0-20HC	20	20	22	5	15	-	0,029 - 0,067	8,85	0,038	101,22 €
PSG1.0-21HC	21	21	23	5	15	-	0,029 - 0,067	9,29	0,040	101,86 €
PSG1.0-22HC	22	22	24	5	15	-	0,029 - 0,067	9,73	0,043	103,33 €
PSG1.0-23HC	23	23	25	5	15	-	0,029 - 0,067	10,18	0,045	103,73 €
PSG1.0-24HCK	24	24	26	6	20	2	0,029 - 0,067	10,62	0,060	104,37 €
PSG1.0-25HCK	25	25	27	6	20	2	0,029 - 0,067	11,06	0,063	108,73 €
PSG1.0-26HCK	26	26	28	6	20	2	0,035 - 0,078	11,52	0,066	112,59 €
PSG1.0-27HCK	27	27	29	6	20	2	0,035 - 0,078	11,96	0,069	114,93 €
PSG1.0-28HCK	28	28	30	6	20	2	0,035 - 0,078	12,41	0,073	117,49 €
PSG1.0-29HCK	29	29	31	8	25	2	0,035 - 0,078	12,85	0,089	120,58 €
PSG1.0-30HCK	30	30	32	8	25	2	0,035 - 0,078	13,21	0,092	122,59 €
PSG1.0-32HCK	32	32	34	8	25	2	0,033 - 0,079	14,09	0,100	125,72 €
PSG1.0-35HCK	35	35	37	8	25	3	0,033 - 0,079	15,41	0,112	130,03 €
PSG1.0-38HCK	38	38	40	10	34	3	0,033 - 0,079	16,73	0,160	135,33 €
PSG1.0-40HCK	40	40	42	10	34	3	0,033 - 0,079	19,59	0,170	140,32 €
PSG1.0-42HCK	42	42	44	10	34	3	0,033 - 0,079	20,57	0,180	141,37 €
PSG1.0-45HCK	45	45	47	10	34	3	0,033 - 0,079	22,04	0,196	143,34 €
PSG1.0-48HCK	48	48	50	10	34	3	0,033 - 0,079	23,51	0,213	144,53 €

Dimensions in mm



DISCOUNTS

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

Part number	Z Teeth	ØP Pitch	ØD External	ØA Bore	ØM Boss	Keyway	Backlash (mm)	Torque (Nm)	Weight (kg)	Price each 1 to 5
PSG1.0-50HCK	50	50	52	10	34	3	0,033 - 0,079	26,57	0,225	159,54 €
PSG1.0-52HCK	52	52	54	10	40	3	0,038 - 0,092	27,64	0,270	164,27 €
PSG1.0-55HCK	55	55	57	10	40	3	0,038 - 0,092	29,23	0,290	171,12 €
PSG1.0-58HCK	58	58	60	10	40	3	0,038 - 0,092	30,82	0,311	176,31 €
PSG1.0-60HCK	60	60	62	10	40	3	0,038 - 0,092	33,20	0,325	180,45 €
PSG1.0-62HCK	62	62	64	10	40	3	0,038 - 0,092	34,31	0,340	186,34 €
PSG1.0-65HCK	65	65	67	10	50	3	0,038 - 0,092	35,97	0,430	199,64 €
PSG1.0-68HCK	68	68	70	10	50	3	0,038 - 0,092	37,63	0,455	209,97 €
PSG1.0-70HCK	70	70	72	10	50	3	0,038 - 0,092	38,73	0,472	214,31 €
PSG1.0-72HCK	72	72	74	10	50	3	0,038 - 0,092	39,84	0,489	218,96 €
PSG1.0-75HCK	75	75	77	10	50	3	0,038 - 0,092	41,50	0,516	233,57 €
PSG1.0-78HCK	78	78	80	10	60	3	0,038 - 0,092	43,16	0,626	237,14 €
PSG1.0-80HCK	80	80	82	10	60	3	0,038 - 0,092	46,42	0,645	241,87 €
PSG1.0-82HCK	82	82	84	10	60	3	0,036 - 0,094	47,58	0,665	245,34 €
PSG1.0-85HCK	85	85	87	10	60	3	0,036 - 0,094	49,32	0,696	250,62 €
PSG1.0-90HCK	90	90	92	10	60	3	0,036 - 0,094	52,22	0,750	258,68 €
PSG1.0-95HCK	95	95	97	10	60	3	0,036 - 0,094	55,12	0,807	286,35 €
PSG1.0-100HCK	100	100	102	14	70	5	0,036 - 0,094	59,36	0,950	290,16 €
PSG1.0-110HCK	110	110	112	14	70	5	0,040 - 0,102	65,30	1,079	363,23 €
PSG1.0-120HCK	120	120	122	14	70	5	0,040 - 0,102	71,24	1,220	410,72 €

Dimensions in mm

Our other products



RFK38B

Hypoid gearbox - Stainless steel, up to 200 Nm



NPTR_M

Adjustable cross clamp, Adjustable



ZDB

Machined plastic bevel gear , 2:1



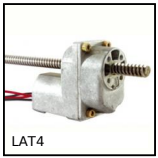
SHW

Plain washer, Steel



MET

Cylindrical sintered bronze bush, Self-lubricating sintered bronze



LAT4

4A motorised linear actuator, 4 amperes



T5P_T10P

Connecting plate for T type timing belts, T10



M2

Worm, Hardened steel



UGAC_UGET

Actuator guide kit, Coupling for threaded



BPFLss

Pressed stainless steel flange bearing,



CFF_SS

Female rod ends DIN ISO12240-4, Stainless



CHM30

Worm and wheel gear reducer, up to 28 Nm

Complementary products