

# Planetary Gearboxes

CPS015S - MF1 - 4 - OC1 - 2S - B5 - XXX - XXX

|   |  |
|---|--|
| <b>Gearbox type</b><br>CP/CPS/NP/NPL/NPS  |  |
| <b>Size</b><br>05, 15, 25, 35 or 45<br>CP: 005-045<br>CPS: 015-035<br>NP: 005-045<br>NPL: 015-045<br>NPS: 015-045 |  |
| <b>Characteristics</b><br>F (food-grade lubrication)<br>S (standard)<br>Z (special version housing HDV)           |  |
| <b>Gearbox variant</b><br>M (motor mounted)   |  |
| <b>Gearbox model</b><br>F (standard)<br>A (High Torque)<br>T (High forces, HDV)                                   |  |
| <b>Number of stages</b><br>1 or 2   |  |
| <b>Ratio</b><br>3-100<br>(possible ratios depends on type of gear and size)                                       |  |
| <b>Output shape</b><br>0 (Smooth shaft)<br>1 (With keyway)<br>2 (Splined shaft, DIN5480)                          |  |
| <b>Clamping Hub diameter</b> (see table)  |  |
| <b>Backlash</b><br>1 (standard)   |  |
| <b>Generation</b><br>1 or 2   |  |
| <b>Motor connection</b><br>S (Clamping hub)   |  |
| <b>Output flange</b><br>B5 (with flange)<br>leave empty (without flange)  |  |
| <b>Servo motor maker</b>  |  |
| <b>Servo motor variant</b> (full designation)   |  |

# Clamping hub diameters

(see technical data sheet for possible diameters)

| Code letter | mm | Code letter | mm |
|-------------|----|-------------|----|
| Z           | 8  | E           | 19 |
| A           | 9  | G           | 24 |
| B           | 11 | H           | 28 |
| C           | 14 | I           | 32 |
| D           | 16 | K           | 38 |

## Bevel Gearboxes

CPKS015S - MF2 - 10 - OC1 - 1S01 - B5 - XXX - XXX

**Gearbox type**  
CPK/CPSK/NPK/NPLK/NPSK

**Size**  
05, 15, 25, 35 or 45  
CPK: 005-045  
CPSK: 015-035  
NPK: 005-045  
NPLK: 015-045  
NPSK: 015-045

**Characteristics**  
F (food-grade lubrication)  
S (standard)

**Gearbox variant**  
M (motor mounted)

**Gearbox model**  
F (standard)

**Number of stages**  
2 or 3

**Ratio**  
3-100  
(possible ratios depends on type of gear and size)

**Output shape (output shaft)**  
0 (Smooth shaft)  
1 (With keyway)  
2 (Splined shaft, DIN5480)

**Clamping hub diameter (see table)**

**Backlash**  
1 (standard)

**Generation**  
1

**Motor connection**  
S (Clamping hub)

**Number of input stages**  
0

**Number of output stages**  
1 or 2

**Output flange**  
B5 (with flange)  
leave empty (without flange)

**Servo motor maker**

**Servo motor variant (full designation)**

## Clamping hub diameters

(see technical data sheet for possible diameters)

| Code letter | mm |
|-------------|----|
| B           | 11 |
| C           | 14 |
| E           | 19 |
| H           | 28 |
| K           | 38 |