

# SPIRALSKURNA KONISKA KUGGHJUL, NITRERADE

## SPIRAL CUT BEVEL GEARS, NITRATED

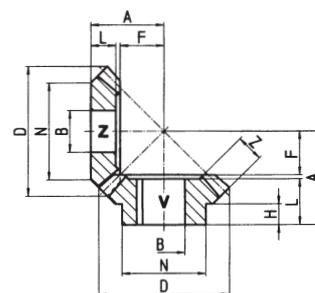
Material: GGG 60 Nitrerat / Material: GGG 60 Nitratred  
 Ingreppsvinkel 20° / Pressure angle 20°

### Serie EP-H

Utväxling 1:1

Ratio 1:1

| Normal mod.<br>Normale mod. | Kuggantal<br>No. of teeth | Typ<br>Type | B JS7 | N  | D     | H    | L    | F    | A    | Z  |
|-----------------------------|---------------------------|-------------|-------|----|-------|------|------|------|------|----|
| 1.25                        | 20                        | EP 20 VH    | 15    | 28 | 41.7  | 6.5  | 14.5 | 14.5 | 30.0 | 8  |
|                             | 20                        | EP 20 XH    | 15    | 28 | 41.7  | 6.5  | 14.5 | 14.5 | 30.0 | 8  |
|                             | 20                        | EP 20 YH    | 15    | 32 | 41.7  | -    | 8.5  | 14.5 | 24.0 | 8  |
|                             | 20                        | EP 20 ZH    | 15    | 32 | 41.7  | -    | 8.5  | 14.5 | 24.0 | 8  |
| 1.5                         | 20                        | EP 25 VH    | 17    | 36 | 52.1  | 10.0 | 21.0 | 18.0 | 40.0 | 10 |
|                             | 20                        | EP 25 XH    | 17    | 36 | 52.1  | 10.0 | 21.0 | 18.0 | 40.0 | 10 |
|                             | 20                        | EP 25 YH    | 20    | 40 | 52.1  | -    | 11.0 | 18.0 | 30.0 | 10 |
|                             | 20                        | EP 25 ZH    | 20    | 40 | 52.1  | -    | 11.0 | 18.0 | 30.0 | 10 |
| 1.75                        | 20                        | EP 30 VH    | 20    | 40 | 62.4  | 10.0 | 22.0 | 21.0 | 45.0 | 13 |
|                             | 20                        | EP 30 XH    | 20    | 40 | 62.4  | 10.0 | 22.0 | 21.0 | 45.0 | 13 |
|                             | 20                        | EP 30 ZH    | 25    | 50 | 62.4  | -    | 12.0 | 21.0 | 35.0 | 13 |
| 2.0                         | 20                        | EP 35 VH    | 25    | 46 | 72.8  | 15.0 | 28.0 | 24.0 | 55.0 | 16 |
|                             | 20                        | EP 35 XH    | 25    | 46 | 72.8  | 15.0 | 28.0 | 24.0 | 55.0 | 16 |
|                             | 20                        | EP 35 YH    | 30    | 55 | 72.8  | -    | 15.0 | 24.0 | 42.5 | 16 |
|                             | 20                        | EP 35 ZH    | 30    | 55 | 72.8  | -    | 15.0 | 24.0 | 42.5 | 16 |
| 2.5                         | 20                        | EP 40 VH    | 30    | 55 | 83.5  | 18.0 | 34.0 | 28.5 | 65.0 | 16 |
|                             | 20                        | EP 40 XH    | 30    | 55 | 83.5  | 18.0 | 34.0 | 28.5 | 65.0 | 16 |
|                             | 20                        | EP 40 YH    | 40    | 60 | 83.5  | -    | 19.0 | 28.5 | 50.0 | 16 |
|                             | 20                        | EP 40 ZH    | 40    | 60 | 83.5  | -    | 19.0 | 28.5 | 50.0 | 16 |
| 3.0                         | 20                        | EP 50 VH    | 35    | 65 | 104.2 | 17.0 | 36.0 | 33.0 | 75.0 | 23 |
|                             | 20                        | EP 50 XH    | 35    | 65 | 104.2 | 17.0 | 36.0 | 33.0 | 75.0 | 23 |
|                             | 20                        | EP 50 YH    | 45    | 80 | 104.2 | -    | 21.0 | 33.0 | 60.0 | 23 |
|                             | 20                        | EP 50 ZH    | 45    | 80 | 104.2 | -    | 21.0 | 33.0 | 60.0 | 23 |



Toleransen på kilspåret motsvarar ISO/R773-1969

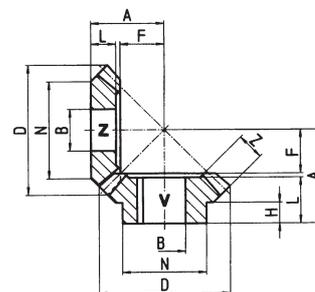
The tolerance of the key-ways correspond to ISO/R773-1969

### Serie ES-H

Utväxling 1:1

Ratio 1:1

| Normal mod.<br>Normale mod. | Kuggantal<br>No. of teeth | Typ<br>Type | B JS7 | N   | D     | H  | L  | F    | A   | Z  |
|-----------------------------|---------------------------|-------------|-------|-----|-------|----|----|------|-----|----|
| 2.0                         | 25                        | ES 25 VH    | 25    | 46  | 82.8  | 15 | 29 | 28.5 | 60  | 16 |
|                             | 25                        | ES 25 XH    | 25    | 46  | 82.8  | 15 | 29 | 28.5 | 60  | 16 |
|                             | 25                        | ES 25 YH    | 35    | 70  | 82.8  | -  | 13 | 28.5 | 45  | 16 |
|                             | 25                        | ES 25 ZH    | 35    | 70  | 82.8  | -  | 13 | 28.5 | 45  | 16 |
| 2.5                         | 25                        | ES 30 VH    | 30    | 55  | 99.5  | 16 | 32 | 34.0 | 70  | 19 |
|                             | 25                        | ES 30 XH    | 30    | 55  | 99.5  | 16 | 32 | 34.0 | 70  | 19 |
|                             | 25                        | ES 30 YH    | 40    | 84  | 99.5  | -  | 15 | 34.0 | 54  | 19 |
|                             | 25                        | ES 30 ZH    | 40    | 84  | 99.5  | -  | 15 | 34.0 | 54  | 19 |
| 3.0                         | 25                        | ES 35 VH    | 35    | 65  | 116.2 | 18 | 36 | 39.5 | 80  | 22 |
|                             | 25                        | ES 35 XH    | 35    | 65  | 116.2 | 18 | 36 | 39.5 | 80  | 22 |
|                             | 25                        | ES 35 YH    | 50    | 100 | 116.2 | -  | 17 | 39.5 | 62  | 22 |
|                             | 25                        | ES 35 ZH    | 50    | 100 | 116.2 | -  | 17 | 39.5 | 62  | 22 |
| 3.5                         | 25                        | ES 40 VH    | 40    | 72  | 132.9 | 24 | 45 | 45.5 | 95  | 25 |
|                             | 25                        | ES 40 XH    | 40    | 72  | 132.9 | 24 | 45 | 45.5 | 95  | 25 |
|                             | 25                        | ES 40 YH    | 60    | 114 | 132.9 | -  | 19 | 45.5 | 71  | 25 |
|                             | 25                        | ES 40 ZH    | 60    | 114 | 132.9 | -  | 19 | 45.5 | 71  | 25 |
| 4.0                         | 25                        | ES 50 VH    | 45    | 82  | 165.6 | 22 | 48 | 56.0 | 110 | 32 |
|                             | 25                        | ES 50 XH    | 45    | 82  | 165.6 | 22 | 48 | 56.0 | 110 | 32 |
|                             | 25                        | ES 50 YH    | 80    | 144 | 165.6 | -  | 23 | 56.0 | 88  | 32 |
|                             | 25                        | ES 50 ZH    | 80    | 144 | 165.6 | -  | 23 | 56.0 | 88  | 32 |



Toleransen på kilspåret motsvarar ISO/R773-1969

The tolerance of the key-ways correspond to ISO/R773-1969