

Manual actuators TYPE HB01 / HB02 / HB03



Description:

Manual actuators as levers or worm gears for valves mit ISO flange 5211 (for example butterfly valves or ball valves) to actuate these valves manually.

Product features:

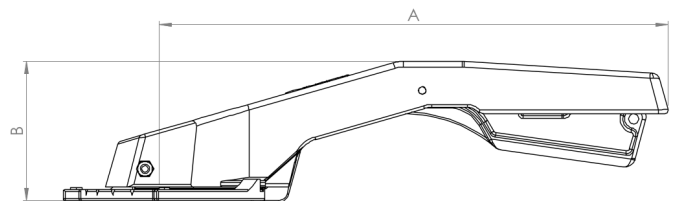
- Lever made of aluminium or steel
- Stainless steel and controlled lever on request
- Grey or yellow handle
- Lever can be locked
- Worm gear made of cast iron
- Self-locking design
- End-limit positions can be adjusted

Lever HB01

Design:

Lever made of aluminium with grey or yellow handle

Size	0	1
A	200	275
B	76	76
ISO 5211	F05	F07
Shaft	Square 14mm, diagonal	Square 17mm, diagonal
Weight kg	0,35	0,4



Used with the following NieRuf types / sizes:

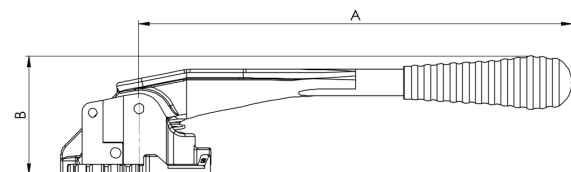
AK01-AK02	DN32-100	
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Lever HB02:

Design:

Lever made of steel with grey or yellow handle sleeve

Size	0	1	2	3	4
A	270	270	362	362	750
B	75	75	75	90	135
ISO 5211	F05	F07	F07	F10	F10
Shaft	Square 14mm, diagonal	Square 14mm, diagonal	Square 17mm, diagonal	Square 17mm, diagonal	Square 22mm, diagonal
Weight kg	1,24	1,26	1,4	1,4	3,10



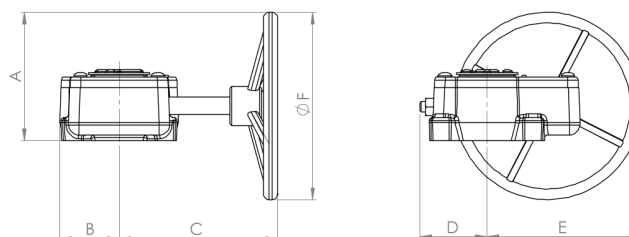
Used with the following NieRuf types / sizes:

AK01-AK02			DN125-200		
AK11-AK12		DN50-125		DN150	

Worm gear HB03:

Design:

Worm gear made of cast iron with wheel (with chain on request)



Size	0	1	2	3	3	4	4	5	5	6	7
Version	0	0	0	0	1	0	1	0	1	0	0
Art.-No.	HB03000000	HB03000001	HB03000002	HB03000003	HB03010003	HB03000004	HB03010004	HB03000005	HB03010005	HB03000006	HB03000007
ISO 5211	F05/F07	F07/F10/F12	F07/F10/F12	F12	F14	F14	F16	F16	F16	F16	F25
Shaft	Square 14mm, diagonal	Square 17mm, diagonal	Square 22mm, diagonal	Square 27mm, diagonal	Square 27mm, diagonal	Square 27mm, diagonal	Square 27mm, diagonal	Square 27mm, diagonal	Square 36mm, diagonal	Square 36mm, diagonal	Ø60 x 18 x 68,4
Max. output torque	165Nm	300Nm	650Nm	1200Nm	1200Nm	2000Nm	2000Nm	3250Nm	3250Nm	5500Nm	9000Nm
A	70	127,5	183,5	238	341	241,5	352	448	398	455	363,3
B	35	46	58	67	78	78	78	110	110	142,5	175
C	91	139	209	255	350	265	275	346	346	386,5	429,5
D	38	59	95	131	219	118	219	295,5	245	270	175
E	84	141	205	267	381	281	381	504,5	454	530	440
F	100	200	300	400	600	400	600	800	700	800	500
Weight kg	1,2	2,9	5,5	6,5	12,0	9,5	13	26,0	24,6	38,0	40,0

Used with the following NieRuf types / sizes:

AK01-02	DN32-100	DN125-200	DN250-300	DN350	DN400						
AK11-12		DN50-125*	DN150-200*	DN250*	DN300		DN350		DN400		
AK13-14		DN80-125*	DN150-200*	DN250*		DN300		DN350		DN400	DN500

* An additional reducer must be used for these sizes. This reducer is not included when purchasing a gearbox.

Article number:

Type	Version		Size
HB01 – lever Alu	00 – grau	00	00 – Size 0
	01 – gelb		01 – Size 1
Type	Version		Size
HB02 – lever steel	00 – grau	00	00 – Size 0
	01 – gelb		01 – Size 1
			02 – Size 2
			03 – Size 3
			04 – Size 4
Type	Version	Actuation	Size
HB03 – worm gear	00	00 – handwheel	00 – Size 0
	01	01 – chainwheel*	01 – Size 1
			02 – Size 2
			03 – Size 3
			04 – Size 4
Example no. HB01010001:			
HB01	01	00	01

Article No. HB01010001
 Lever made of aluminium
 Version: yellow handle
 Size: Size 1

* Worm gear with chain wheel on request – please tell us the needed length of the chain.

Image similar, subject change without notice.