

Integral Adjusters (mm)

model		HIA-06 (B)	HIA-10 (B)	HIA-12 (B)	HIA-17 (B)	HIA-22 (B)	HIA-30 (B)
art. nr; clear		160.032.031	160.032.029	160.032.021	160.032.023	160.032.025	160.032.027
black		160.032.032	160.032.030	160.032.022	160.032.024	160.032.026	160.032.028
Working pressure	Mpa/bar	26	44	35	44	44	44
Max Pulling force	kN	16	26.5	30.8	38.7	49.7	62.9
Piston area	mm ²	603	603	880	880	1131	1429.5
Stroke	mm	350	350	365	365	375	385
Oil content	cc	250	250	321	321	583	750
type of oil		ISO VG15/22	ISO VG15/22	ISO VG15/22	ISO VG15/22	ISO VG15/22	ISO VG15/22



Integral adjusters

Integrated auto-shift two-speed pump

A two-speed pump means fewer strokes to reach maximum tension, enabling you to react more quickly.

Integrated feed tube

A robust and streamlined design minimises the risk of damage.

Lightweight

Advanced design techniques and materials keep weight to a minimum.

Ergonomic design

User-friendly and effective positioning of the pump handle, release valve and pressure gauge.

Finish and size options

Clear anodized aluminium finish as standard. Black anodized finish or other colours optional.



Dimensions (mm)

model	HIA-06 (B)	HIA-10 (B)	HIA-12 (B)	HIA-17 (B)	HIA-22 (B)	HIA-30 (B)
A cylinder diameter	45	45	54	54	60	68
B cylinder height	63.5	63.5	64	64	72	76
C plungerrod diameter	16	16	18	18	18	22
D pin diameter	11	12.7	15.8	15.8	18.8	22
E1 groove width, clevis	13.1	13.1	16.5	16.5	19.5	22.5
E2 shim width, clevis	11.1	10.3	13.7	13.7	16.5	19.5
E3 groove width	14.5	18.5	28	28	28	28
E4 shim width	11.7	12.9	25.2	25.2	25	25
F1 width of jaw, clevis	34	34	40.3	40.3	42.5	46
F2 width of pin, clevis	37.2	37.2	44.5	44.5	46.7	50.2
F3 width of jaw	45	45	54	54	55	55
F4 width of pin	47.2	47.2	58.2	58.2	57.6	59.2
Gmax (°) max. angle of handle	66.5	66.5	66.5	66.5	66.5	66.5
Gmin (°) min. angle of handle	8.5	8.5	8.5	8.5	8.5	8.5
H1 max. height of handle	477	477	490	490	487	485
H2 min. height of handle	99	99	124	124	123	123
I1 distance to center of pin, clevis	20.3	20.3	22.5	22.5	24	25.5
I2 distance to center of pin	17.6	17.6	23.5	23.5	23.5	23.5
J1 depth of jaw, clevis	42.3	42.3	48.5	48.5	53	59.5
J2 (min.) depth of jaw	39.1	39.1	54	54	54	54
L1 maximum length	1161	1161	1290	1290	1366	1403
L2 minimum length	811	811	925	925	991	1018
Weight (kg)	4.2	4.2	6.2	6.2	7.5	9.2

