



Inch | Metric



elesa

Original design VL.640-FP-A / -A-M

3 Type

- B** With plain through bore, tol. H7
- D** With threaded through bore

Inch table

1 $d_1 +0.04$	2 d_2 H7 Bore	2 d_3 Thread	b	d_4	d_5	d_6	$l_1 -0.02$	l_2	l_3	t
1.97 50	B 5/16	5/16 x 18	0.51 13	0.79 20	0.71 18	-	0.83 21	1.14 29	0.39 10	-
2.76 70	B 3/8	3/8 x 16	0.71 18	1.18 30	1.14 29	0.71 18.1	0.98 25	1.30 33	0.47 12	0.03 0.8
3.15 80	B 1/2	1/2 x 13	0.75 19	1.38 35	1.34 34	0.71 18.1	1.18 30	1.57 40	0.59 15	0.03 0.8

Dimensions in: inches / millimeters

Metric table

1 $d_1 +1$	2 d_2 H7 Bore	2 d_3 Thread	b	d_4	d_5	d_6	$l_1 -0.5$	l_2	l_3	t
50 1.97	B 8	M 8	13 0.51	20 0.79	18 0.71	-	21 0.83	29 1.14	10 0.39	-
50 1.97	B 10	M 10	13 0.51	20 0.79	18 0.71	-	21 0.83	29 1.14	10 0.39	-
60 2.36	B 10	M 10	16 0.63	25 0.98	24 0.94	-	23 0.91	30 1.18	11 0.43	-
60 2.36	B 12	M 12	16 0.63	25 0.98	24 0.94	-	23 0.91	30 1.18	11 0.43	-
70 2.76	B 12	M 12	18 0.71	30 1.18	29 1.14	18.1 0.71	25 0.98	33 1.30	12 0.47	0.8 0.03
70 2.76	B 14	-	18 0.71	30 1.18	29 1.14	21.4 0.84	25 0.98	33 1.30	12 0.47	1.5 0.06
80 3.15	B 14	M 14	19 0.75	35 1.38	34 1.34	18.1 0.71	30 1.18	40 1.57	15 0.59	0.8 0.03
80 3.15	B 16	M 16	19 0.75	35 1.38	34 1.34	21.4 0.84	30 1.18	40 1.57	15 0.59	1.5 0.06

Dimensions in: millimeters / inches

Specification

Wheel body

- Plastic, Polyamide (PA)
- Glass fiber reinforced
- Operating temperature -22 °F to +248 °F (-30 °C to +120 °C)
- Black, shiny finish

Hub bushing

Steel, blackened finish

RoHS

On request

- Brass hub bushing
- Blank version

Six-lobed control knobs EN 527.1 are very sturdy operating elements that can be used for adjustment or clamping purposes.

Worth mentioning is the deliberately large hub. They also lend themselves to applications where a large contact face or a large bore is required.

Resistant to solvents, oils, grease and other certain chemical agents.

Technical Information

Cross Holes GN 110	QVX
ISO Fundamental Tolerances	QVX
Plastic Characteristics	QVX

Accessory

GN 184 Countersunk Washers (for Axial Fixing)	QVX
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How to order (Inch)

EN 527.1-50-B5/16-B

- 1** Knob diameter d_1
- 2** Bore diameter d_2 (Thread d_3)
- 3** Type

How to order (Metric)

EN 527.1-80-M16-D

- 1** Knob diameter d_1
- 2** Thread d_3 (Bore diameter d_2)
- 3** Type

1.1
1.2
1.3
1.4
2.1
2.2
2.3
2.4

