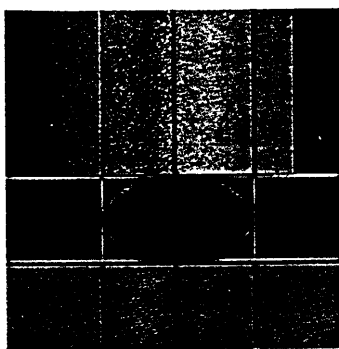
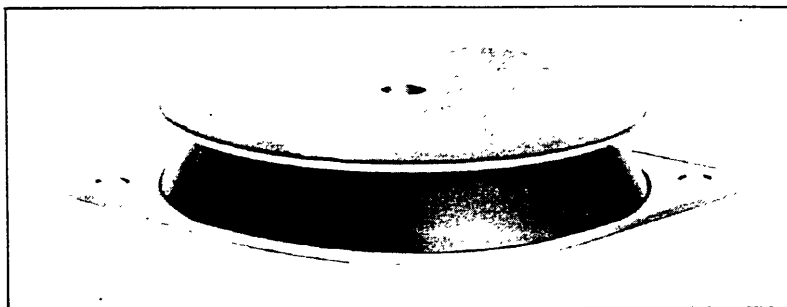




BECA



DESCRIPTION

The BECA mounting comprises a one piece elastomer bonded to a top and bottom plate.

- Top plate : smooth or threaded (welded nut) hole.
- Bottom plate : Fixing lugs or direct bearing on the ground.
- Fully bonded rubber.
- Conical rubber section.
- anti-slip bead or grooved anti-slip base.
- Removable protective top cover : protects the rubber and distributes the load.

OPERATION

The design of the BECA mounting gives the following basic characteristics.

- Transverse elasticity approximately the same as the axial elasticity (equi-frequency).
- Rubber works in compression.
- Progressive buffer against shocks or accidental overload.
- Anti-slip (may be placed directly on the ground).

Advantages

- The machine may be placed (with its mountings) directly on the ground.
- Very slim.
- Speed of fixing.
- Simple removal of the assembly.
- Extensive range: 3 hardnesses of rubber for 6 existing sizes, allowing the mounting to be optimised as a function of the load and forcing frequency.
- A choice of 3 fixing styles.

Recommendations

- In order not to affect the performance of the mounting system, all external connections must be flexible.
- BECA mountings can be used on fixed, well-balanced rotating machinery, for machines with high out of balance forces an inertia block may be necessary.

DIMENSIONS

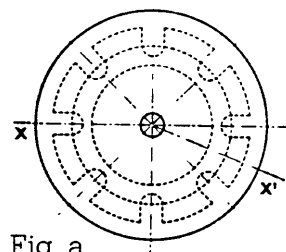
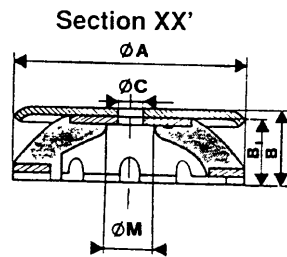


Fig. a

BECA with anti-slip base

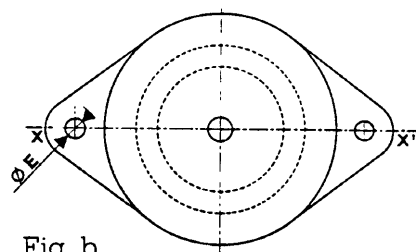
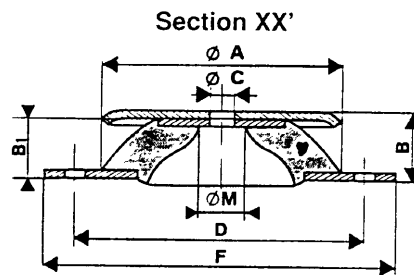


Fig. b

BECA with lugs, smooth hole

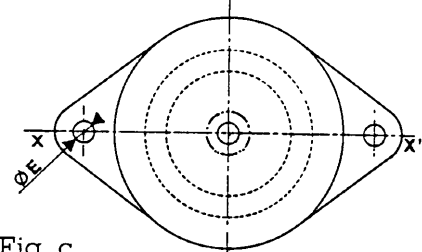
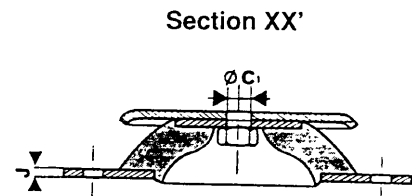


Fig. c

BECA with lugs, threaded hole

TYPE	HARDNESS	Reference			A mm	B mm	B1 mm	C mm	C1 mm	D mm	E mm	F mm	J mm	M mm	Weight g
		Free standing	Fixed installation												
		Smooth hole fig. a	Smooth hole fig. b	Threaded hole fig. c											
Ø 40	45.60	-	-	533641*	40	20	18	-	M 6	52	6,2	64	2	19	50
Ø 60	45.60.75	-	-	533661	60	24	22,5	-	M 6	76	6,2	90	2	18	140
Ø 80	45.60.75	-	533581	533681	80	27	25	8,1	M 8	100	8,2	120	2	22	250
Ø 100	45.60.75	533108	-	-	100	30	28	10,2	-	-	-	-	-	22	420
Ø 100	45.60.75	-	533109	533609	100	27,5	25,5	10,2	M10	124	10,2	148	2,5	22	460
Ø 150	45.60.75	533151	-	-	150	41	38	14,2	-	-	-	-	-	34	1220
Ø 150	45.60.75	-	533152	533652	150	39	36	14,2	M14	182	12,2	214	4	34	1340
Ø 200	45.60.75	533202	-	-	200	46	42	18	-	-	-	-	-	44	2750
Ø 200	45.60.75	-	533203	533623	200	44	40	18	M18	240	14,5	280	5	44	3030

* Ø 40, M6 - RAPID nut - max torque 3 m.N

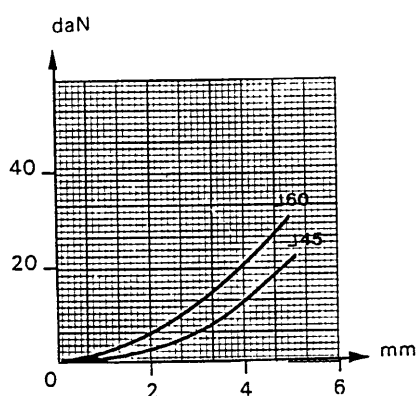
See current price list for availability of items.

OPERATING CHARACTERISTICS

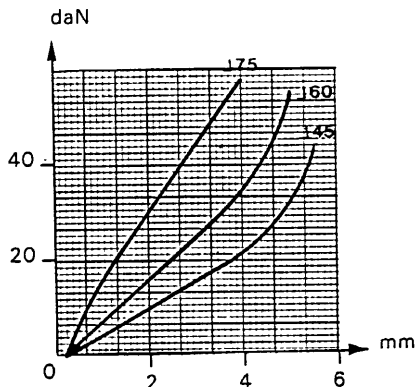
Nominal static load daN	Deflection mm	Type	Hardness
4	2	Ø 40	45
10	2,5	Ø 40	60
15	3	Ø 60	45
25	3	Ø 60	60
45	3	Ø 60	75
45	4,5	Ø 80	45
80	4,5	Ø 80	60
90	4	Ø 100	45
120	4	Ø 80	75

Nominal static load daN	Deflection mm	Type	Hardness
130	7	Ø 150	45
160	4	Ø 100	60
220	4	Ø 100	75
250	7	Ø 150	60
350	6	Ø 150	75
500	7	Ø 200	45
825	7	Ø 200	60
1250	6	Ø 200	75

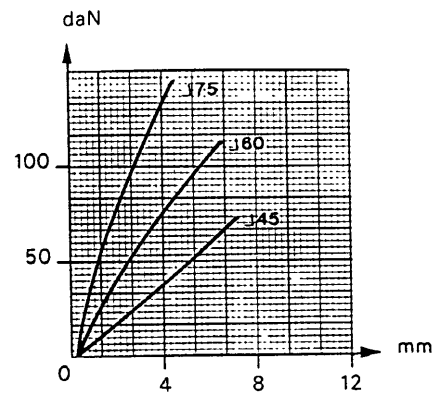
LOAD / DEFLECTION CURVES IN AXIAL COMPRESSION



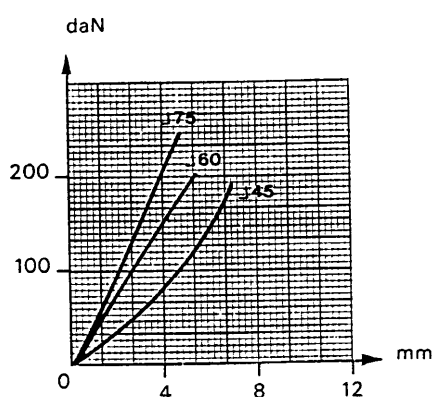
BECA Ø 40



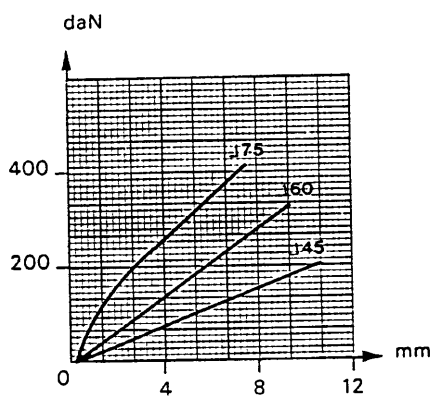
BECA Ø 60



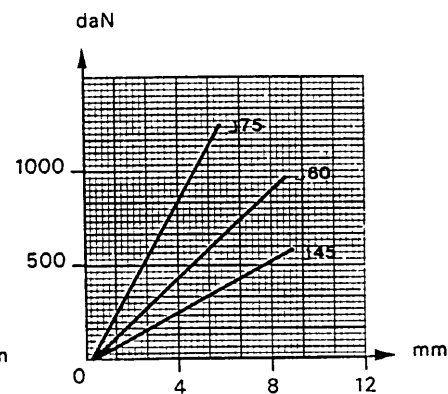
BECA Ø 80



BECA Ø 100

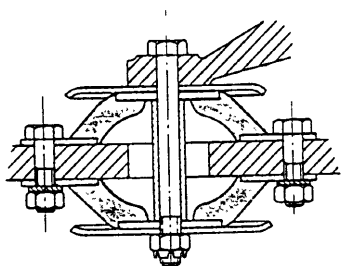


BECA Ø 150

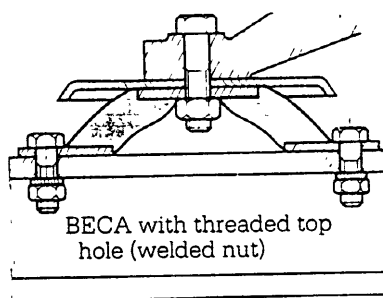


BECA Ø 200

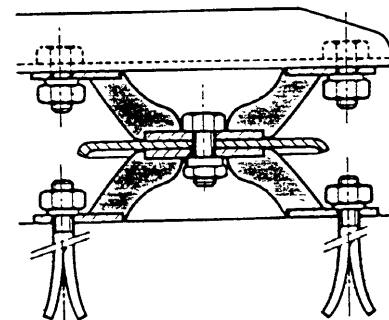
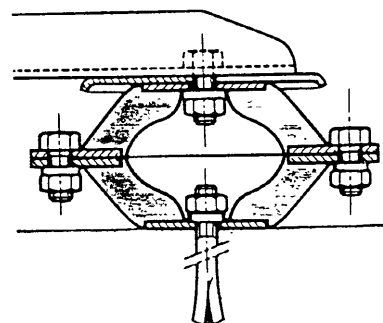
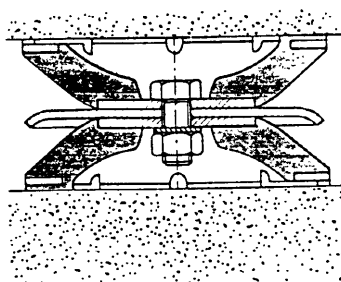
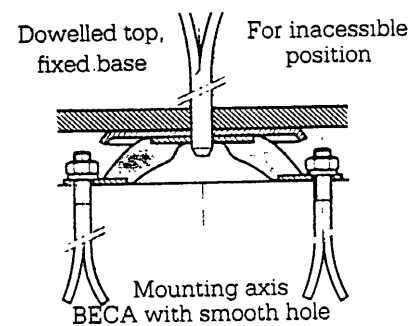
INSTALLATION



Double acting (prestressed)



BECA with threaded top hole (welded nut)



BECA mountings in series (to double the deflection)

All our mountings are identified by conventional markings, either a paint spot or figures indicating the hardness: grey = hardness 45, green = hardness 60, blue = hardness 75.