



Screens & Feeders

Designed specifically for the Quarry Industry. The “Q” Series Motor Base is value for money.

- Leverlink’s famous “Stored Energy” Engineering technology.
- “Follows The Screen” during resonance.
- Designed & Manufactured in Australia.

- ◆ Extends vee belt & pulley life.
- ◆ Automatic belt tensioning.
- ◆ Minimizes energy transmitted to the supporting structure.
- ◆ Cost effective.
- ◆ Locally manufactured.



Motor Information			Selection
kW	Frame	Poles	Model
5.5 to 7.5	D132 S/M	4 & 6	Q-1
11 to 15	D160 L/M	4 & 6	Q-2
15 to 22	D180 L/M	4 & 6	Q-3
18.5 to 30	D200 L	4 & 6	Q-4
30 to 45	D225 S/M	4 & 6	Q-5

Designed for Quarries

We have been designing and manufacturing in Australia for more than 20 years.

Dynamic Application

The “Q” series is for dynamic applications such as screens and feeder.

Cost

With a low and attractive price tag it will appeal to budget-conscious managers.

LLS-067-0819

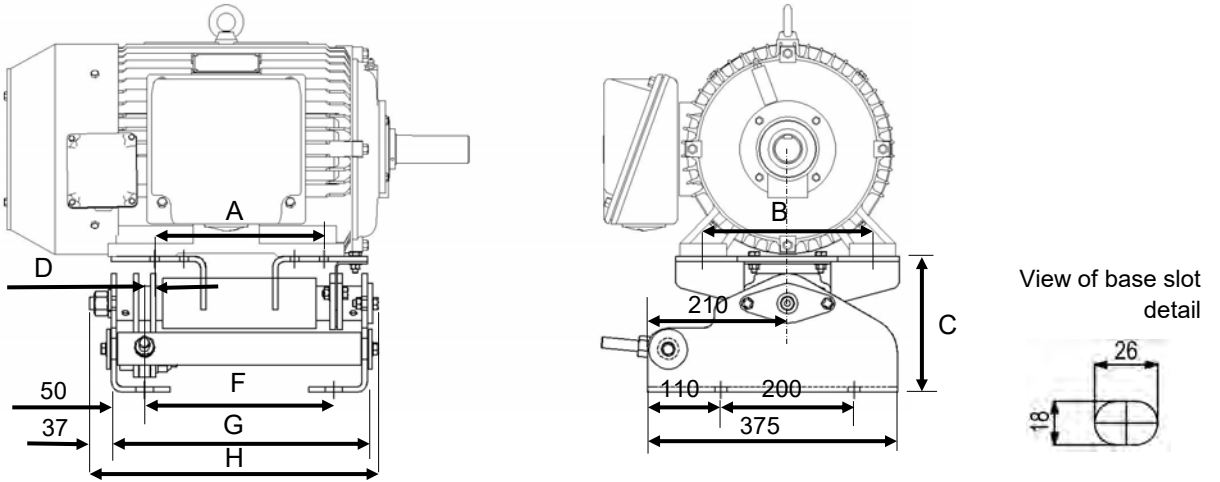
Eastern States 07 3737 2400

Western States 08 6165 8892

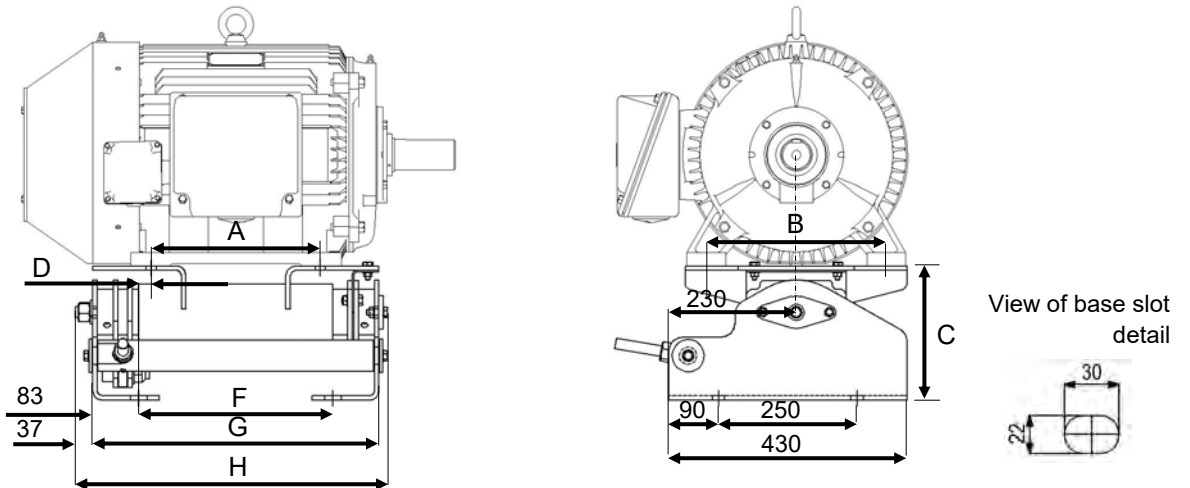
sales@leverlink.com.au

www.leverlink.com.au

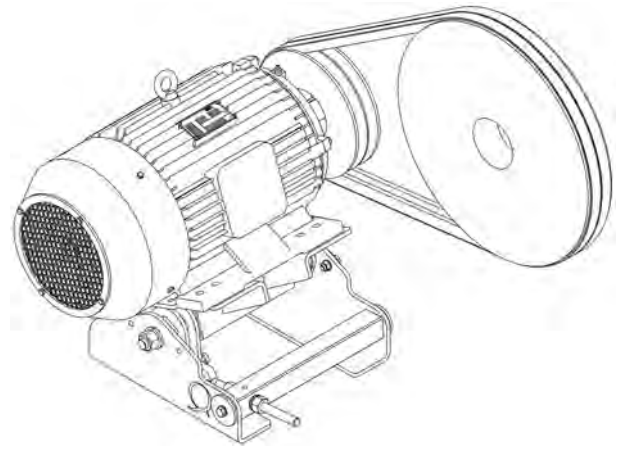
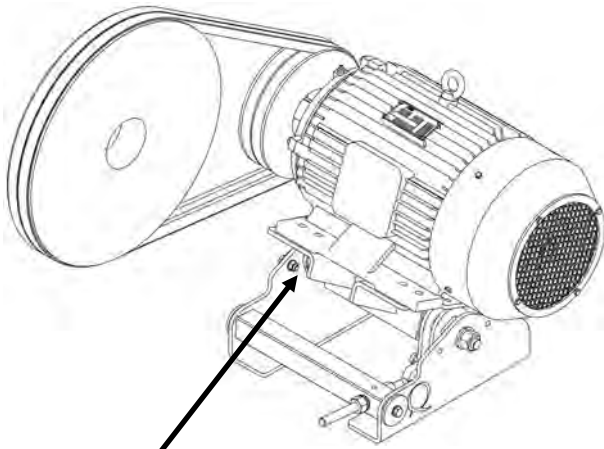
Dimensional Drawings Q-1 to Q-5



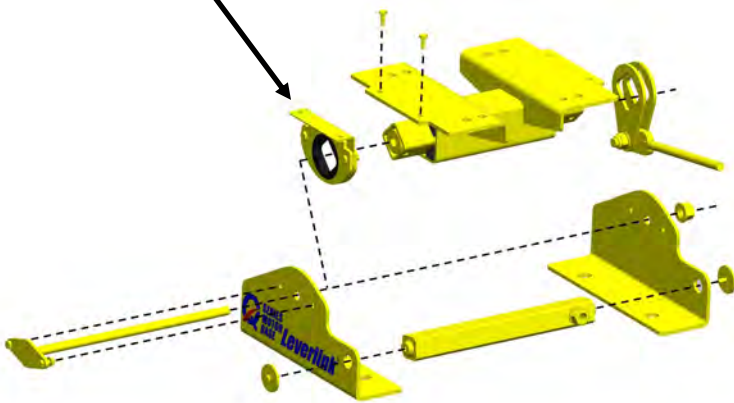
Model	Weight kg	Motor Information					Dimensions mm				
		Frame Size	6 pole kW	4 pole kW	A	B	F	G	H	C	D
Q-1	35	D132S	3	5.5	140	216	250	350	403	204	36
		D132M	4 - 5.5	7.5	178	216					
Q-2	40	D160M	7.5	11.0	210	254	284	384	433	204	15
		D160L	11	15	254	254					



Model	Weight kg	Motor Information					Dimensions mm				
		Frame Size	6 pole kW	4 pole kW	A	B	F	G	H	C	D
Q-3	55	D180M	-	18.5	241	279	300	466	512	241	11
		D180L	15	22	279	279					
Q-4	70	D200L	18.5 - 22	30	305	318	350	516	567	241	23
Q-5	85	D225S	-	37	286	356	365	531	582	241	27
		D225M	30	45	311	356					

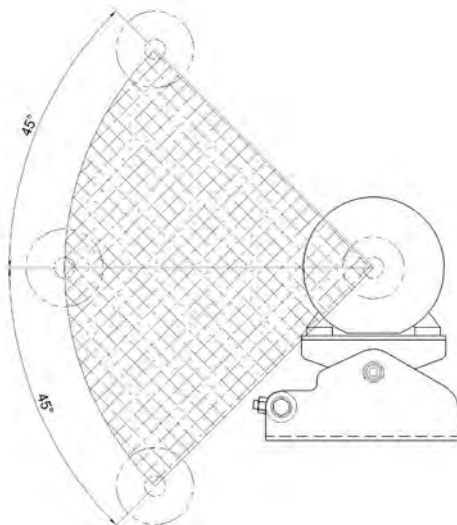


Alignment Bush



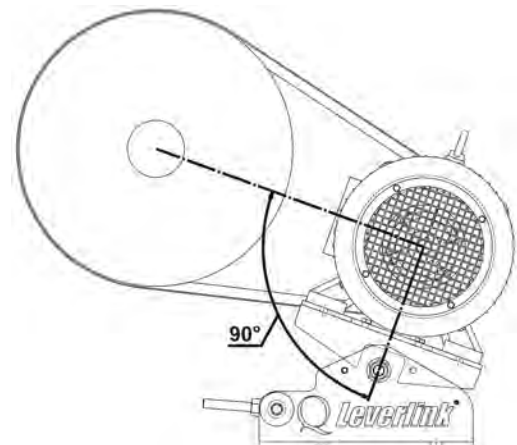
The Four Golden Rules

1. Assemble or reassemble the Q-Series motor base right or left handed according to the drive arrangement. *Refer diagrams above.*
2. The ALIGNMENT BUSH must be on the same side as the **drive pulley**.
3. The ADJUSTING SCREW shall be on the opposite side to the **alignment bush and drive pulley**.
4. The LOCKING NUT shall be on the opposite side to the **alignment bush and drive pulley**.



Drive Angles

The Q-Series can operate 45° up or down from horizontal



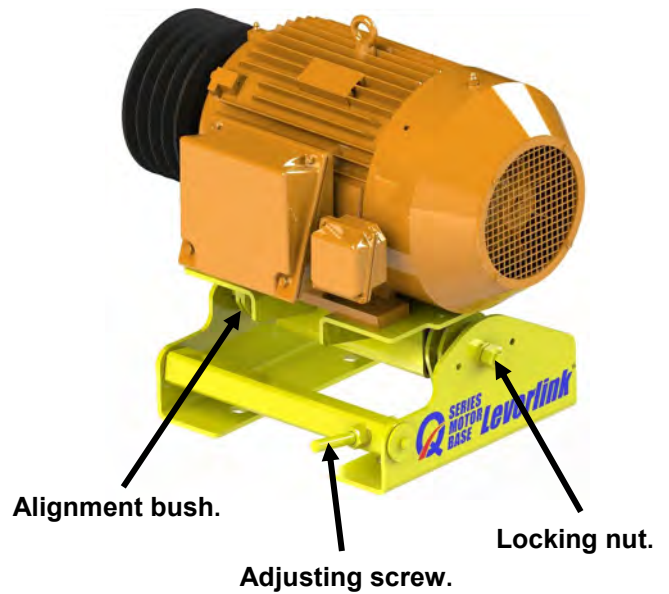
90°

Position the motor plate as near as possible to 90° to drive angle for best performance.

Warning - Isolate as per site procedure.

Place the in the predetermined position according to vee belt length and drive/driven pulleys c/c. The motor bases shall be assembled according to page 3 (drive arrangements).

1. Loosen **Locking Nut**.
2. Move **Adjusting Screw** to allow the drive pulley to pick up the vee belts.
3. Now move the **Adjusting Screw** applying force to the vee belts until they are at the required tension. This may be according to vee belt manufacturers specification or in the case of small vibrating screen until the driven pulley starts to move out of alignment.
4. Tighten the **Locking Nut**.



Run the electric motor and when convenient recheck vee belt tension. If retensioning is required repeat instructions 1, 3 & 4.

