

# Accessories:

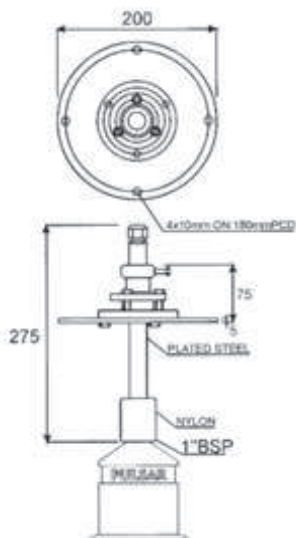
Various transducer mount options can be provided to suit specific applications, such as blind flanges and a choice of transducer mounting brackets.

## Cable Options

Transducer cable lengths are supplied as a standard in 5m, 10m, 20m or 30m. Longer lengths can be supplied as required in 10m steps. It is important to note that the supplied transducer cable may be extended by using standard 2 or 3 core screened cable for up to 1000m or beyond if needed. No separation is required between transducer and other cables as they are not susceptible to cross talk and significant costs can be saved on site.

## Aiming Kit

Pulsar's robust and effective aiming kit allows the transducer to be aimed towards the material draw off point at the bottom of the silo or tank, ensuring that the returning echo is as strong as possible and that the ultrasonic system is able to measure right down to the true empty point of the silo. The location of the aiming kit should be as far away from the fill point as possible to avoid seeing falling material. It should be aimed to coincide with the material's angle of repose, ensuring a more powerful signal return to the transducer. The rotational ball mechanism allows up to 20 degrees off vertical and 360 degrees of rotation.



WE RECOMMEND  
THE INSTALLATION  
OF AN AIMING KIT  
WHEN MEASURING  
SOLIDS MATERIAL.



## Features

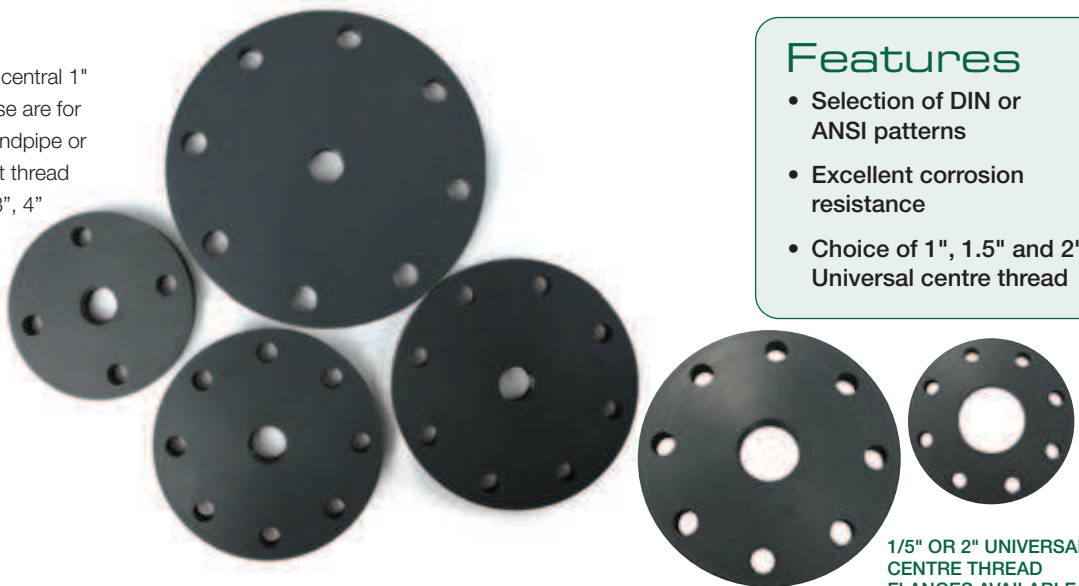
- Allows rotation to suit silo conditions
- Coincide with angle of repose of material being measured
- Follow material level down to draw off point
- Easy aim and lock system



AIMING KIT ON A  
CRUSHER APPLICATION

## Blind Flanges

A range of blind PVC flanges with central 1" BSP or NPT hole is available. These are for mounting transducers within a standpipe or tank using rear thread or dB3 front thread mounting. These available in 2", 3", 4" and 6" ANSI or DIN 80, DIN 100, DIN 150 and DIN 200 patterns.



## Features

- Selection of DIN or ANSI patterns
- Excellent corrosion resistance
- Choice of 1", 1.5" and 2" Universal centre thread

1/5" OR 2" UNIVERSAL  
CENTRE THREAD  
FLANGES AVAILABLE

# Brackets:

## Angled Bracket



### Pulsar Fixed Angle Transducer Bracket

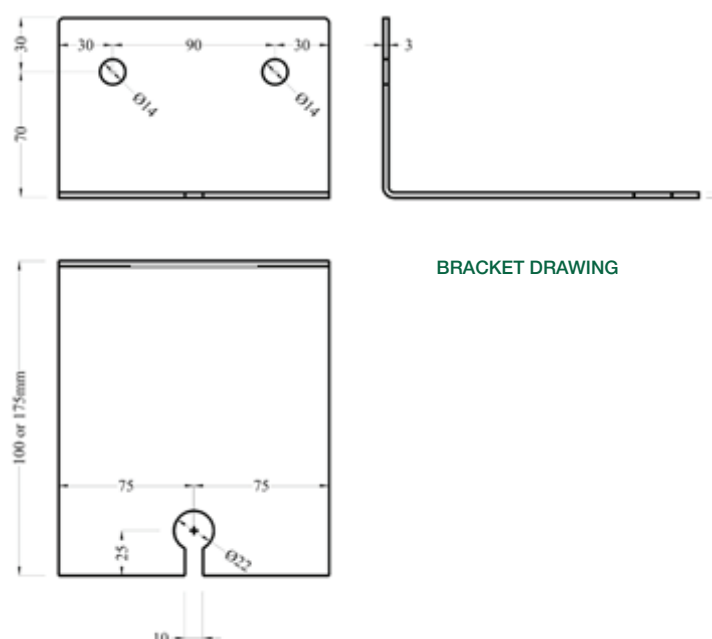
Fixed angle bracket made from steel with a BZP (bright zinc passivate) coat. Ideal for mounting against a wall where there is an under-hang under a manhole or similar. 2 x 14mm holes allow rigid fixing into a vertical surface using suitable bolts.

#### 65mm (2.56in) reach p/n dBA0004

Bracket size is 100L x 100W x 150Hmm (3.9L x 3.9W x 5.9Hin).

#### 150mm (5.9in) reach p/n dBA0005

Bracket size is 175L x 100W x 150Hmm (6.9L x 3.9W x 5.9Hin).



BRACKET DRAWING



### Pulsar Fixed Angle Bracket for IMP and Transducers p/n 080A0008

Designed to allow fastening to a vertical wall or hatch where clear access to the target is available. Made of 'Hot Dipped Galvanised' steel with 2 x 14mm holes for wall fixing and a 22mm hole and slot for a transducer adaptor to mount through. It has both a 61mm dia hole and a 49mm dia hole to mount the IMP3 or IMP6. Bracket size is 340L x 150W x 100Hmm.

# Brackets:

## Pulsar Hinged Transducer Bracket p/n dBA0003

Pulsar's hinged transducer bracket is an easy-mounting solution for any of the dB series transducers, providing a stable method of positioning a transducer above an application. The bracket is made from hot dipped galvanised steel and is hinged to allow the transducer to be swivelled up for cleaning or to allow access. The transducer can then be returned to the original position with no need to recalibrate.



The dB series transducer is mounted to one of the 22mm holes in the bracket using the 1" to 20mm adaptor provided. If one of the inner holes is used and the excess bracketry removed, the retaining thru-nut with the steel pull cable attached easily slides to a new position. The bracket is supplied with the plastic channel seal.



STEEL CABLE WITH KARABINER  
AND NON-SLIP CONNECTORS



HINGED BRACKET OVER A WET WELL



## Features

- Rugged construction
- Galvanised or BZP coated
- Hinge allows easy lift cleaning
- Drain holes in channel prevent liquid build up
- Simple to fit on site

Bracket Size:  
Length 716mm  
Mountings at: 223mm, 448mm  
and 663mm from wall.

## BRACKET DRAWING

