

## GENERAL VIEW OF PRR PNEUMATIC



## GENERAL DESCRIPTION

PRR pneumatic road blockers are designed especially for entrance points that have a threat of vehicle attack or for the ones that have high-security requirements. The drive unit is electro-pneumatic, but in case of power failure, road blocker can be lowered or lifted manually with the help of an air compressor. Typical raise/lower time is 8-12 seconds. The pneumatic power units can be used in HRR-HS-CT & HRR-HS-4100 road blockers.

## STEEL STRUCTURE

The road blocker withstands a minimum of 50 tons of load per axle. Cushioned cylinders power the road blocker up as they pivot on multi-sealed bearings. The steel structure is sandblasted or can be hot-dip galvanized (optional). The standard color is RAL1028 yellow / RAL9005 black.

## PNEUMATIC POWER UNIT AND CONTROL ELECTRONICS

Coolers or heaters are can be integrated into the pneumatic power unit as an option. Control electronics utilized in pneumatic road blocker is Optima PLC controller. Two keyboards with emergency stop are standard; one desktop, other being integrated into the pneumatic power unit.

## ENVIRONMENTAL CONDITIONS AND POWER REQUIREMENT

Between -15°C and + 65°C, 95% non-condensing humidity; 380V, three phase, 50-60Hz (or 220V/440V/etc., three phase, 50-60 Hz, optional by transformer).

## OPTIONAL ACCESSORIES

- ⇒ Flashing lights in front of the road blocker.
- ⇒ Protective construction(tubular) around drive unit.
- ⇒ Transformer to convert the power.
- ⇒ Uninterrupted power supply (UPS).
- ⇒ Wrong way alarm.
- ⇒ High speed alarm.
- ⇒ Different colors.
- ⇒ Hot dip galvanizing.
- ⇒ SCADA or any control system: It is possible to change and check the position of road blocker with touch screen control panel, mobile devices (ios-android), computer, etc.
- ⇒ Dual safety loop detector.
- ⇒ Traffic light with steel pole.

## MODELS

- ⇒ Raised height: 400mm-1000mm.
- ⇒ Width: From 1500mm to 6000mm.

## MAIN BODY MEASUREMENTS AND FOUNDATION

