



- Crash rated to ASTM F2656: M50-P1
- Smooth and quiet operation
- Manual or automatic controls
- Dual Oil Cylinder
- Heavy duty 3-Phase motor
- Stops 15,000 LBs vehicle @ 50 mph



LOW NOISE



HIGH TORQUE



ASTM INTERNATIONAL

EVT-HRB1-26-M50-SM

M50 SHALLOW MOUNTED
HYDRAULIC ROAD BLOCKER

EVT-HRB1-26-M50-SM M50 SHALLOW MOUNTED HYDRAULIC ROAD BLOCKER

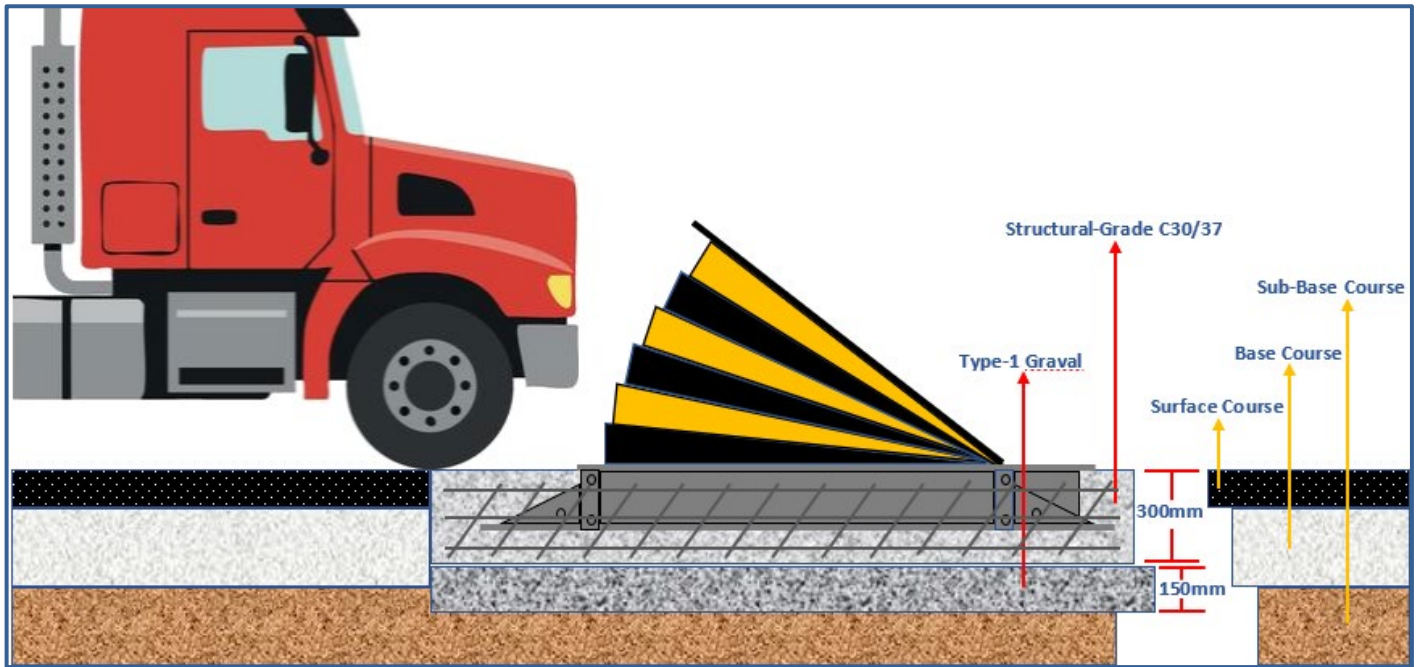
Specification

Power Supply	380V-415V 3-Phase + N + E at 50/60Hz
Rising Time	3~4 Sec.
Movement Mechanism	Hydraulic
Motor power	5500w
Max gate weight	3500kg
Top Plate Thickness	25mm (±2mm)
Depth	300mm
Gate Width	2000-6000mm
Protection Class	IP 68
Manual Release	Includes a clutch mechanism for manual opening during power failures.
Load Capacity	Static Load: ≤100 Tons Mobile Load: ≤200 Tons
Crash Rate	ASTM F 2656 M50/P1
Gate height	1000mm (±10mm)
Operating Temperature	-40°C~ +70°C
Lowered foundation	Minimum Foundation depth of 380mm
Finish	Anti-corrosion Paint (STD), Hot dip Galvanized (OPT)
Impact Rating	V/7500(N3)/80/90:0.0

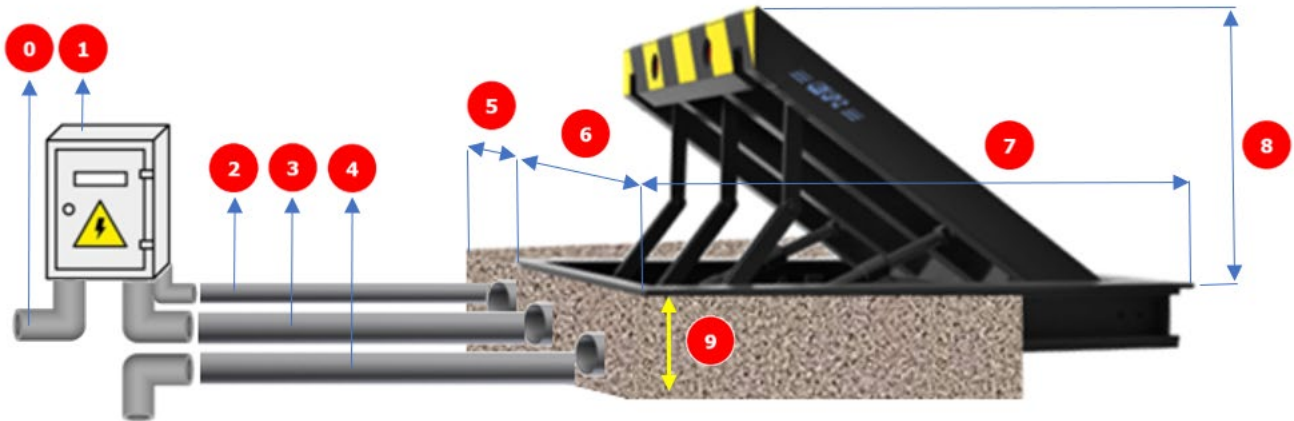
OPTIMIZING HYDRAULIC 3-PHASE POWER UNIT



Architectural Drawings – Side View

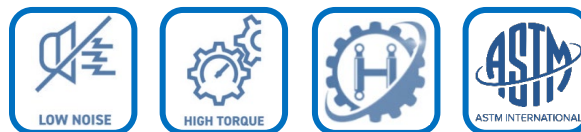


Architectural Drawings – Installation Guide



1	Hydraulic & power unit	4	Water drainage ducting (recommended 2.5")	7	300mm frame (blocker length)
2	Conduit for cables to Road Blocker	5	600mm concrete base (add to blocking width each side)	8	1000mm Blocking height
3	Hydraulic ducting (recommended 2.5")	6	Blocking width 2000-6000mm	9	300 + 150mm Concrete base depth

*0 – Conduit to connect to main electricity "in case away from HPU"



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