



**BGI ENGITECH PVT LTD**  
Affordable and Impregnable Security from Israel



**TECHNICAL SPECIFICATIONS FOR  
BGI'S K8 CRASH RATED HYDRAULIC BOLLARDS (B3200)**

Sr. No.	Technical Specification	B3200
1	Drive	External Hydraulic Unit
2	Cylinder Diameter	220 mm – 275 mm(Customize)
3	Cylinder Length	1000 mm (Customize)
4	Rating	K8 Rating as per PAS68-2013 Standard
5	Cylinder Material	ST 37 / ST52
6	Special Stainless Steel cover	SS 304/SS316
7	Cylinder Surface Treatment	Anti-corrosion treatment passed 2000 Hr. salt spray test
8	Rising Time	3-5 sec.
9	Descent Time (Standard time)	3-5 sec.
10	Hydraulic Drive Unit	3 phase power supply 440V, 50 Hz
11	Power Consumption	5 Hp



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12	Protection Class	IP 66
13	Work Frequency	Heavy Duty
14	Reflective Strips	Red LED
15	Manual operation	Up/Down Operation By Manual Hand Pump
16	Emergency Operation (optional)	1.5 to 2 Sec
17	Environment Temperature	-20 to +70 C <sup>0</sup>
18	Total Weight	250Kg
19	Pit Dimensions (for set of 03)	Depth:- 1600mm Length:- As per site location Width:- 1.2 meter
	<b>Safety Parameters</b>	
20	Safety Against Vehicle	Loop Detector
21	Safety Against Human traffic	Photo Sensor
22	Control Unit	PLC based Control unit with tailor made integration with all Access Control / Third Party Devices.
	<b>Power Failure</b>	
23	Operation in case of power failure (optional)	Manual Hand Pump /Accumulator/ UPS
24	MTBF	10 million cycle
25	Max. Operations Per Day	2000 operation per day