

D-313 CL4

CLEANROOM

GRAVITY DRIVEN

LOW FRICTION TECHNOLOGY

DIMENSIONS

AND INSTALLATION

REQUIREMENTS



D-313 CL4 setting the standard:

ISO 4 Cleanroom Performance –

Fraunhofer Certified



Technical Datasheet



Key	Consider the space required for installation		Door dimensions (mm)	
W Width side wall	Top of door	***496mm	Min	Max
H Height side wall	Left side	**115mm	DW	1000 4000
DW Horizontal opening	Right side	*115mm	DH	2000 4000
DH Vertical opening				

Standard cable length: 5m

Optional: 10m, 15m, ...



All indicated dimensions are net: the space necessary for mounting and maintenance has to be provided.

Reduced dimensions: upon request.

REMARK: Based on the risk analysis of the environment, extra push buttons, detectors and covers might be required.

Access our Public Configurator

to design your next Dynaco door.



D-313 CL4 CLEANROOM GRAVITY DRIVEN LOW FRICTION TECHNOLOGY

Designed for



Dynaco offers a wide range of products for several industrial applications.
Find out more on www.dynacodoor.com.

EN1241-1 standards

Test acc.	Ref.	Standard	Results
WATER PERMEABILITY	EN 12425	EN 12489	Class 3
WIND LOAD	EN 12424	EN 12444	Class 1*
WIND PERMEABILITY	EN 12426	EN 12427	4 (overpressure**) 3 (underpressure)
SAFE OPENINGS	EN 12453	EN 12445	Pass
MECHANICAL RESISTANCE	EN 12604	EN 12605	Pass
UNINTENDED MOVEMENTS	EN 12604	EN 12605	Pass
CURTAIN THERMAL TRANSMITTANCE	EN 12428	EN 12428	standard: 6,02 W/m ² K Dynacoustic: 2,94 W/m ² K
PERFORMANCE (CYCLES)	EN 12604	EN 12605	1.000.000

* Interior applications only











** Valid for a door of 3500 x 3500mm

EN14644-1 standards

ISO • CLASS 4



Characteristics

MAX. DIMENSIONS	DW 4000 mm x DH 4000 mm		
OPENING SPEED	Up to 2,7 m/s		
CLOSING SPEED	0,5 m/s		
STRUCTURE	Galvanised steel: 37 x 52 x 3 mm. Option: stainless steel.		
COVERS	Synthetic material, colour aluminium + black. Full covers standard.		
DRUM	PVC- Ø 200 x 3,9 mm.		
SIDE GUIDES	Reinforced polyethylene (PE-UHMW1000)		
MOTOR	2 poles, with parking brake. Power 0,75 kW IP rating: IP55		
CONTROL BOX	DYNALOGIC provided with: circuit breaker, general divider, adjustable timer, push button for opening and reset, emergency stop and frequency inverter. IP rating: IP65.		
STANDARD DETECTORS	Infrared barrier: 300 mm from the floor. Wireless DYNACO detector (a-WDD) DBD: correct unwinding detector Light curtain: optional		
POWER SUPPLY FREQUENCY	Single phase 230V - 16 A Frequency: 50-60 Hz		
ADVISED OPERATING TEMPERATURE	+ 5 °C ÷ + 40 °C		
AVAILABLE COLOURS COMPARABLE WITH: (actual colours may deviate, colour samples available upon request) *colour available also for Dynacoustic **available door curtain PVC fire retardant B-S2-d0 (EN13501-1)	Yellow	RAL 1003	
	Orange	RAL 2004	
	**Red	RAL 3000	
	**Blue	RAL 5002	
	Gentian blue	RAL 5010	
	Green	RAL 6005	
	*Grey	RAL 7035	
	*/**White	RAL 9010	
	Black	RAL 9005	
	Traffic grey	RAL 7043	
	Anthracite	RAL 7016	

Control Unit

Standard: DYNALOGIC 4 (Composite ABS & PC)	Optional:
<ul style="list-style-type: none"> • Single phase 230 V AC 1.9kVA 50-60 Hz • Controller with frequency inverter with brake resistor • Enclosure: 250x440x200 mm • Foil keypad • 7-segment display • 10 inputs • 2 relays • 1 digital output • 24 V DC / 500 mA • Main switch • Emergency stop 	<ul style="list-style-type: none"> • DYNALOGIC 4 in steel or stainless steel enclosure (same specs as the standard composite version); hygienic design AISI 304 sloped 300x640x210 mm • DYNALOGIC 5 500x500x250 mm in steel or stainless steel enclosure

All variants are also available in 3x400V(+N)



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About Dynaco

Dynaco is the world leader in high speed door technology. It offers state of the art solutions for both commercial and industrial applications, including sectional overhead doors.

Founded in 1987, Dynaco has acquired an extensive expertise in high performance doors. Yet it continues to invest in order to exceed your expectations of quality and performance. A network of certified and dedicated partners ensures an optimal service to customers all over Europe.

Dynaco is part of the ASSA ABLOY Group, the world leader in access solutions. Every day, we help billions of people experience a more open world.