



COMPRESSOR DATA SHEET

CUSTOMER
ADDRESS

COMPRESSOR MAKE

MODEL

CAPACITY

LUB OR NON LUB

SPEED (RPM)

CONTACT

TEL

FAX

E MAIL

COMPRESSOR DATA

GAS ANALYSIS

CRANK RADIUS	mm inch	CON ROD CENTRE DISTANCE					mm inch			
STAGE		1st	2nd	3rd	4th	5th	CORROSIVE			
No OF CYLINDER							NON-CORROSIVE			
VERT, HORIZ OR VEE CONFIGURATION							MOL WEIGHT.			
SINGLE (S/A) OR DOUBLE ACTING (D/A)							WATER VAPOUR %			
BORE	mm inch						GAS	M.W.	%	
							AIR	28.964		
STROKE	mm inch						O2	31.999		
							N2	28.013		
PISTON ROD	mm						CO	28.010		
DIAMETER	inch						CO2	44.010		
SUCTION	bara						H2S	34.076		
PRESSURE	psia						H2	2.016		
DISCHARGE	bara						CH4	16.043		
PRESSURE	psia						C2H4	28.054		
SUCTION	°C						C2H6	30.070		
TEMP	°F						C3H8	44.097		
DISCHARGE	°C						C4H10	58.124		
TEMP	°F									
Qty SUCTION VALVES (Per cylinder end)										
Qty DISCHARGE VALVES (Per cylinder end)										
Total Number of Valves per Cylinder										
VALVE SIZE										
OR TYPE										
CLEARANCE VOL	HE % CE %									
COMPRESSIBILITY	Z1 (suct)									
FACTOR	Z2 (disc)									
MOLECULAR WEIGHT										
Cp/Cv										

REMARKS:-

Cook Compression

BURNELL ROAD, THORNTON INDUSTRIAL ESTATE, ELLESMERE PORT, CHESHIRE, ENGLAND CH65 5EX

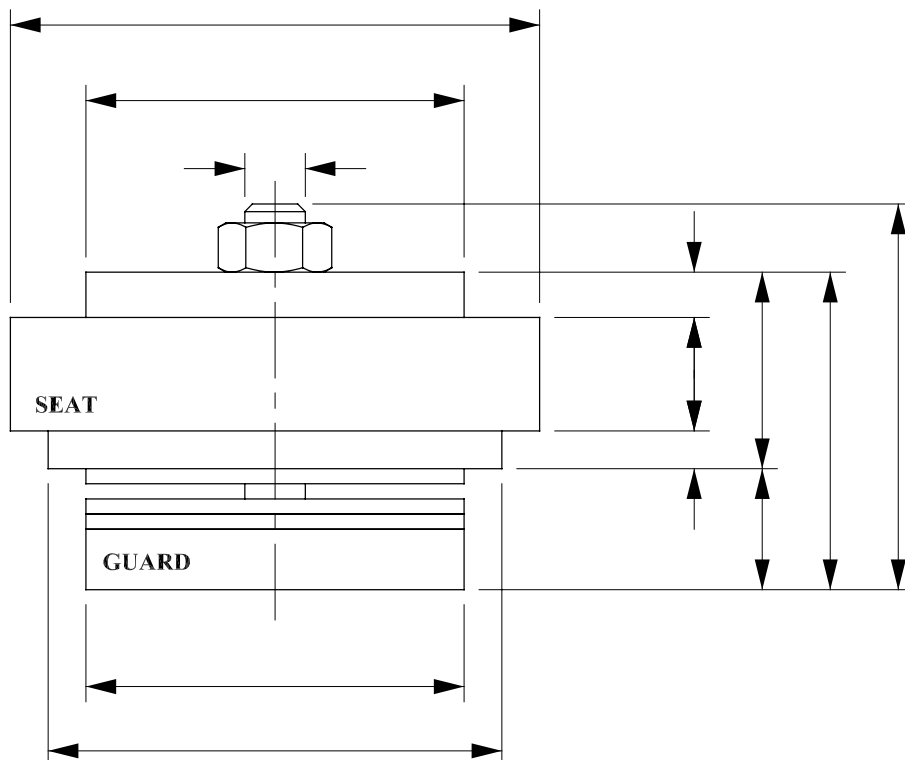
TEL 0151 355 5937 - FAX 0151 357 1098 - INTERNATIONAL CODE - 44 151

E-MAIL sales@CookCompression.com

STAGE

SUCTION VALVE

FLOW

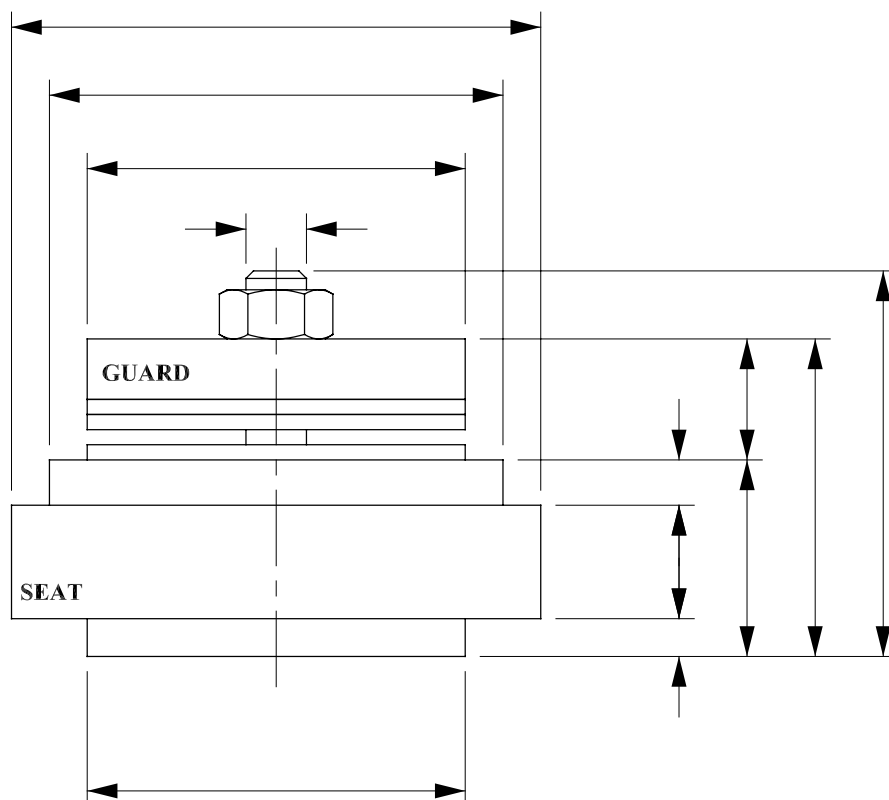


	SUCTION
VALVE LIFT	
PASSAGE AREA	
CLEARANCE VOLUME	

STAGE

DISCHARGE VALVE

FLOW



	DISCHARGE
VALVE LIFT	
PASSAGE AREA	
CLEARANCE VOLUME	

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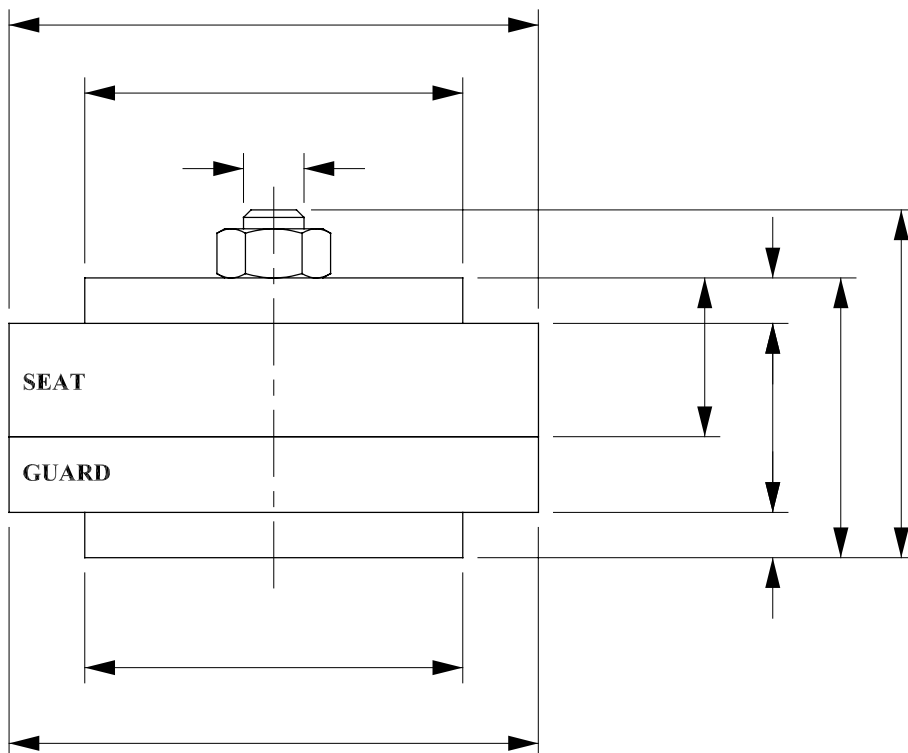
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STAGE

SUCTION VALVE

FLOW

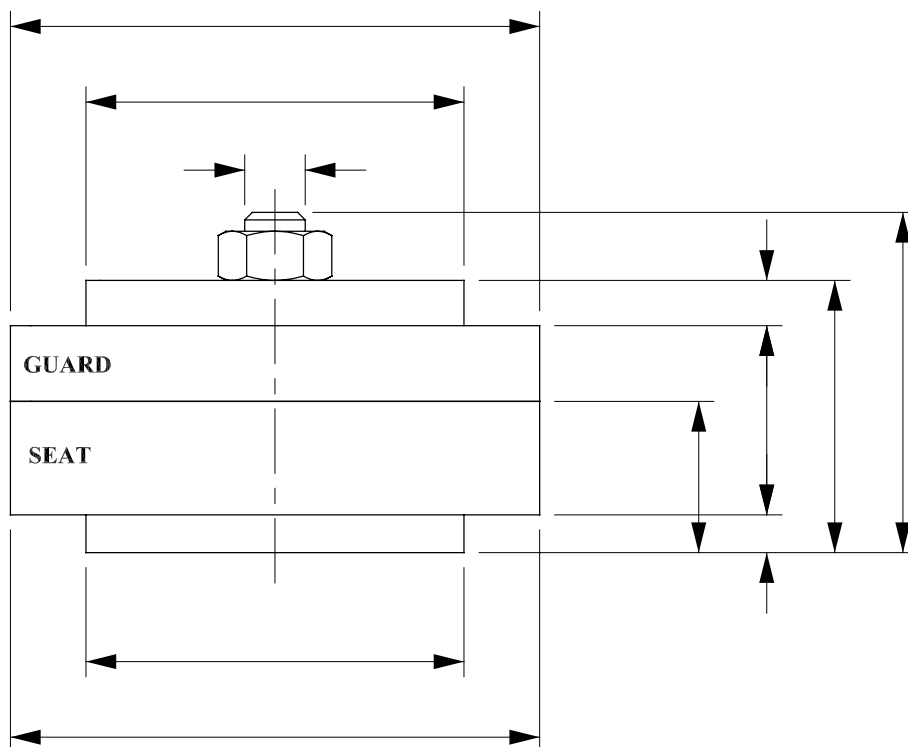


	SUCTION
VALVE LIFT	
PASSAGE AREA	
CLEARANCE VOLUME	

STAGE

DISCHARGE VALVE

FLOW



	DISCHARGE
VALVE LIFT	
PASSAGE AREA	
CLEARANCE VOLUME	

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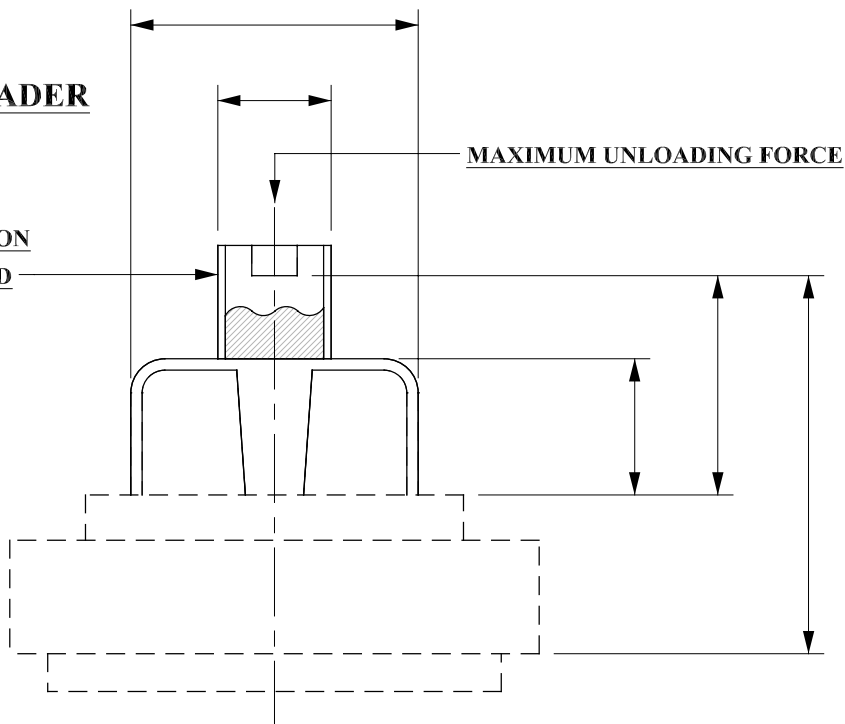
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STAGE

SUCTION VALVE UNLOADER

GIVE DETAILS OF LOCATION

THREADS IF ANY ARE USED

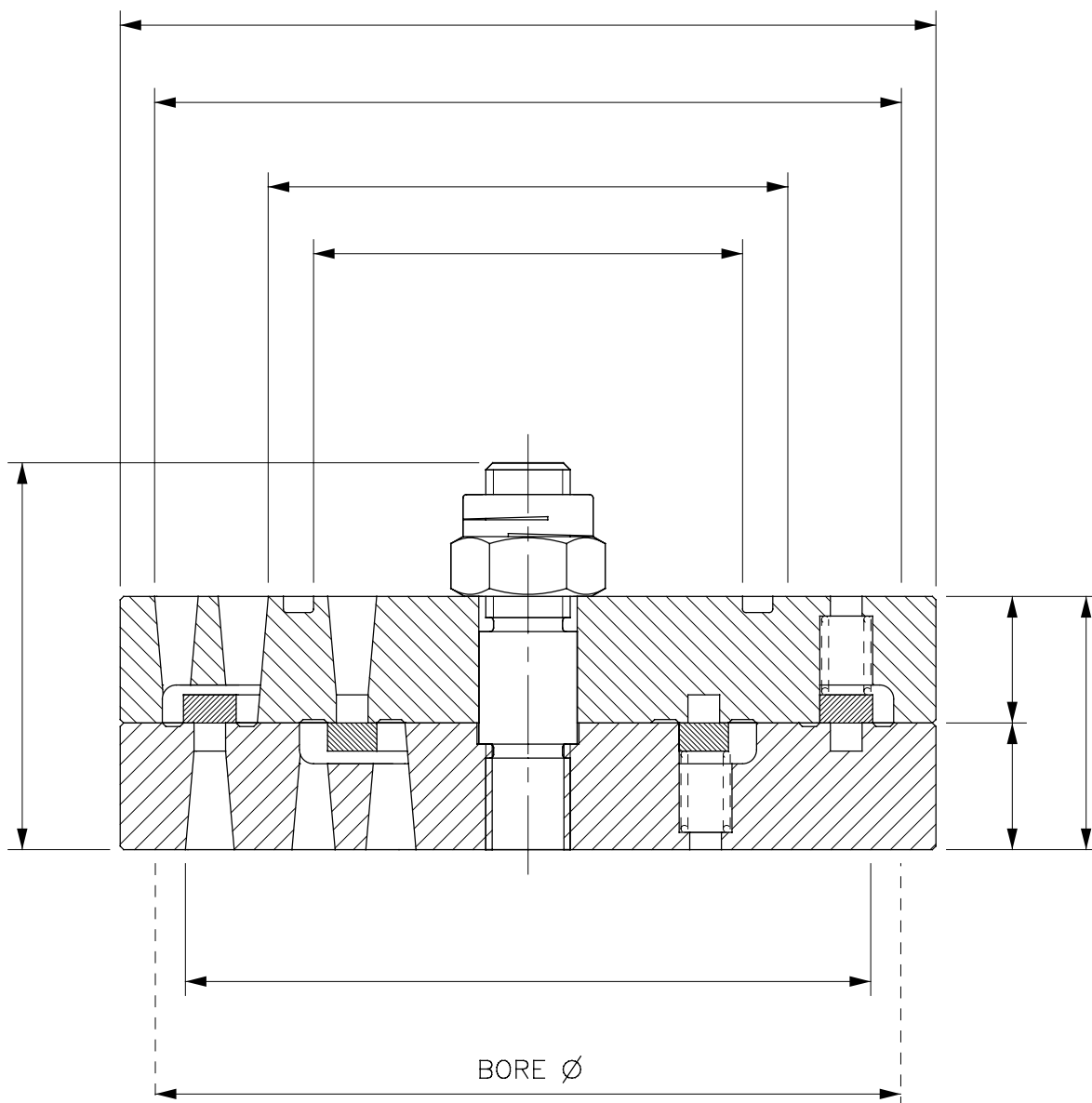


NOTE!

IN THE EVENT THAT SKETCHES ARE UNSUITABLE,
PLEASE PROVIDE A SEPARATE SKETCH OR SAMPLE.

1. ALL SIZES MEASURED TO BE TO AN ACCURACY OF $\pm 0.05\text{mm}$ OR $\pm 0.002"$
2. PLEASE SUPPLY DRAWINGS OF VALVE RETAINING CAGE SYSTEM IF POSSIBLE.
3. SUPPLY VALVE DETAILS OF EACH STAGE SEPARATELY.
4. ANY OTHER REMARKS WHICH MAY BE HELPFULL.

STAGE



	SUCTION	DELIVERY
VALVE LIFT		
PASSAGE AREA		
CLEARANCE VOLUME		

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