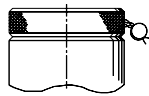


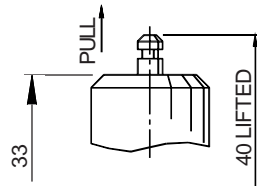
ILLUSTRATED SHOWING  
TYPE R  
CRIMPED ROTA-LIFT  
EASING GEAR

ALTERNATIVE  
TOP FITTING



TYPE RW  
WIRELOCKED ROTA-LIFT  
EASING GEAR

NON PREFERRED TYPE



TYPE SL  
CRIMPED SPINDLE-LIFT  
EASING GEAR

## PARTS LIST & MATERIAL SPECIFICATION

|   |                 | 73008                | 74008   | 75008              |
|---|-----------------|----------------------|---------|--------------------|
| 1 | BODY            | BRASS BS2874 CZ121   | ST.STL. | BRASS BS2874 CZ132 |
| 2 | TUTCHTITE SEAL  | TO SUIT APPLICATION  |         |                    |
| 3 | SPINDLE/PLUNGER | BRASS BS2874 CZ121   | ST.STL. | BRASS BS2874 CZ132 |
| 4 | SPRING          | ST.STL BS2056 302S26 |         |                    |
| 5 | ADJUSTER        | BRASS BS2874 CZ121   | ST.STL. | BRASS BS2874 CZ132 |
| 6 | CAP             | BRASS BS2874 CZ121   | ST.STL. | -                  |
| 7 | NAMEPLATE       | AL.ALLOY             |         | -                  |

NOTE: WIRELOCK AVAILABLE ON TYPE 74008 ONLY.

## APPROVALS

Ad - MERKBLATT A2: (TÜV GERMANY), REF.- T.Ü.V.SV.11-276.7,9.D/G.0,63.p.  
P.E.D. 97/23/EC  
Type examination module B, Cert. No. 01 202 111-B-00015  
Quality management system module D, Cert. No. EDS0002011/01  
Designed in accordance with BS6759:1984 & I.S.O. 4126-1:1991

## TECHNICAL DATA

Relieving pressure = set pressure +10% (0.1 Bar.g below 1.0 Bar.g)  
Reseating pressure = set pressure -10% (0.3 Bar.g below 3.0 Bar.g)  
Maximum set pressure = 17.5 Bar.g  
Minimum set pressure = 0.27 Bar.g  
Flow area = 49mm<sup>2</sup>  
Inlet bore diameter = 7.9mm  
T.Ü.V. Derated coefficient of discharge  $\alpha_d$  = 0.63 below 3.0 Bar.g see ' $\alpha_d$  Vs set pressure chart'.  
Temperature range = -30°C TO 200°C subject to normal seal materials.  
FOR FURTHER INFORMATION, INSTALLATION AND OPERATIONS, CONVERSION FACTORS ETC.  
SEE TECHNICAL INFORMATION SECTION.



## SEETRU LIMITED

ALBION DOCKSIDE WORKS, BRISTOL. BS1 6UT  
TELEPHONE +44 (0) 117 927 9204, FAX +44 (0) 117 929 8193  
www.seetru.com enquires@seetru.com

8mm Nominal Bore  
DIRECT SPRING LOADED ATMOSPHERIC  
DISCHARGE SAFETY VALVE FOR  
COMPRESSED AIR OR GASES

## SERIES

TYPE 73008 BRASS  
TYPE 74008 ST.STL.  
TYPE 75008 BRASS

SHEET 1 OF 3 SHEETS

## FLOW CHART

- TO CALCULATE INTERMEDIATE FLOWS SEE TECHNICAL INFORMATION SECTION

- FOR GREATER FLOWS REFER TO 8mm BORE TYPE 81808 DATA SHEET, FOR LOWER FLOW REFER TO 6mm BORE TYPE 81806 DATA SHEET.

| SET PRESSURE Bar.g   | 0.27 | 0.5  | 1.0  | 1.5  | 2    | 3    | 4     | 5     | 6     | 7     | 8     | 9     | 10    | 11    | 12    | 15    | 17.5  |
|--|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| CERTIFIED DISCHARGE CAPACITY IN ACCORDANCE WITH TÜV, AIR AT 0°C AND 1013 mbar Normal m³/h    | 19.8 | 27.5 | 40.9 | 54.2 | 66.5 | 90.7 | 113.8 | 137.0 | 160.1 | 183.3 | 206.4 | 229.5 | 252.7 | 275.8 | 298.9 | 368.4 | 426.2 |
| RATED DISCHARGE CAPACITY IN ACCORDANCE WITH BS 6759, AIR AT 15°C AND 1013 mbar Std. Litres/s | 5.6  | 7.75 | 11.5 | 15.3 | 18.8 | 25.6 | 32.1  | 38.6  | 45.2  | 51.7  | 58.2  | 64.8  | 71.3  | 77.8  | 84.4  | 103.9 | 120.3 |

## VALVE SELECTION CHART

STANDARD THREADS SIZES SHOWN, OTHER SIZES MAY BE AVAILABLE.

| INLET CONNECTION          | ORDERING CODE  | TOP FITTING CODE |          |          |          |
|---------------------------|----------------|------------------|----------|----------|----------|
|                           |                | 73008 R          | 74008 RW | 73008 SL | 75008 SL |
| R 1/4<br>(1/4" BSP TAPER) | 73008<br>74008 | 1223             | 0823     | 0423     | 0423     |
| R 3/8<br>(3/8" BSP TAPER) | 75008          | 1253             | 0853     | 0453     | 0453     |

Example:

Order code 73008 122 3 is Rota-lift type easing gear. 1/4" BSPTR inlet connection, with Viton® seals and crimped locking.

Seal Material:

Last digit of ordering code calls up Viton® seal (since this is the most universal type).

When other material is required, last digit changes to:-

- |            |                        |
|------------|------------------------|
| 1. Nitrile | 5. Neoprene            |
| 3. Viton®  | 6. Ethylene Propylene. |



SHEET 2 OF 3 SHEETS

### SEETRU LIMITED

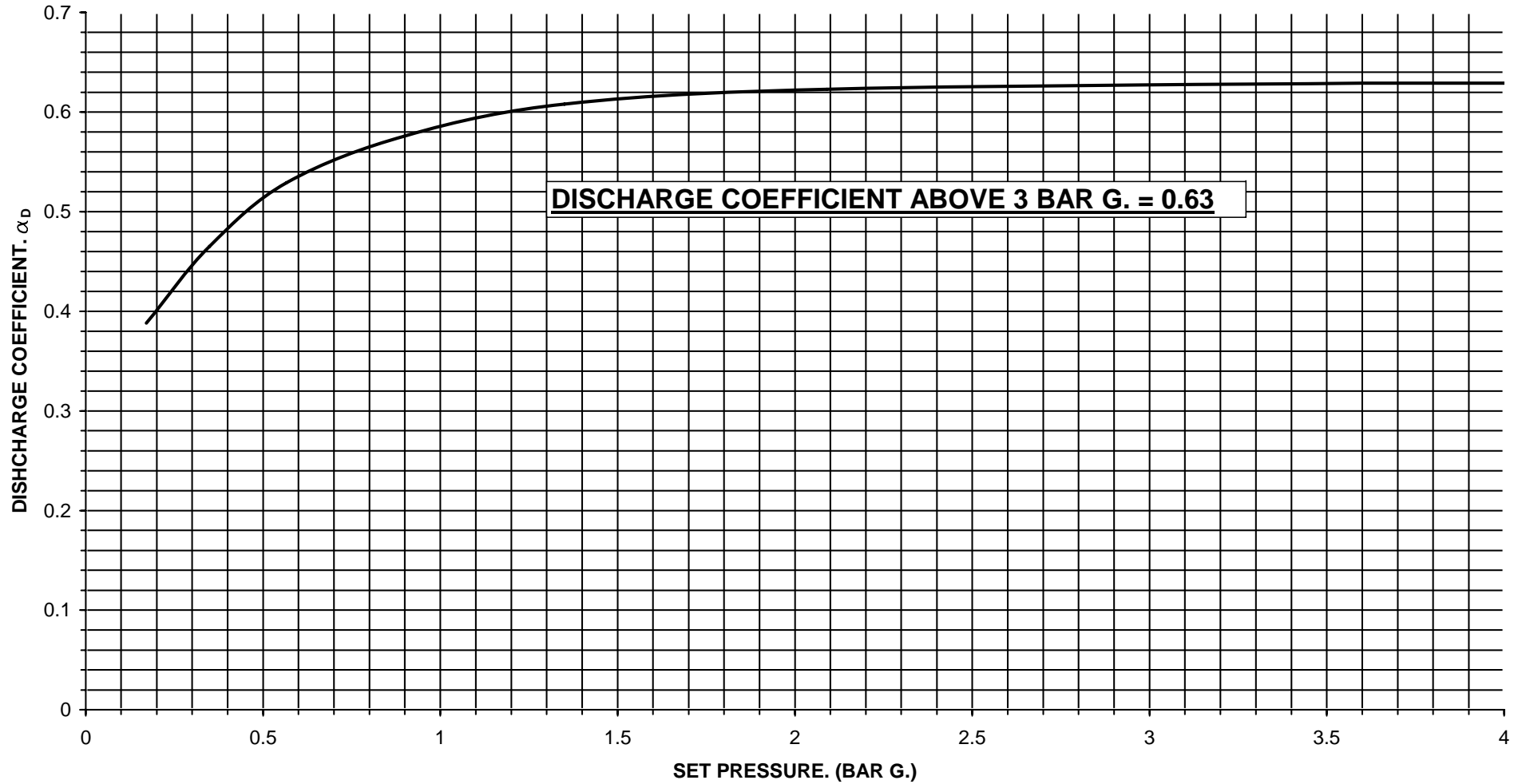
ALBION DOCKSIDE WORKS, BRISTOL. BS1 6UT  
 TELEPHONE +44 (0) 117 927 9204, FAX +44 (0) 117 929 8193  
[www.seetru.com](http://www.seetru.com) [enquires@seetru.com](mailto:enquires@seetru.com)

8mm Nominal Bore  
 DIRECT SPRING LOADED ATMOSPHERIC  
 DISCHARGE SAFETY VALVE FOR  
 COMPRESSED AIR OR GASES

SERIES

TYPE 73008 BRASS  
 TYPE 74008 ST.STL.  
 TYPE 75008 BRASS

**PRESSURE / DISCHARGE COEFFICIENT CURVE FOR VALVE 73008. 0.27 - 4.0 BAR G.**



SHEET 3 OF 3 SHEETS

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