8.9"

3.0" A/F

INLET
CONNECTION

PARTS LIST AND MATERIAL SPECIFICATION

1	BODY	BRASS
2	PLUNGER	BRASS
3	SPINDLE	ST.STL.
4	SPRING	ST.STL.
5	CAP	BRASS
6	ADJUSTER	BRASS
7	KNOB	PLASTIC

APPROVALS

Designed in accordance with ISO 4126-1 & BS 6759 Part 2 1984.
P.E.D. 97/23/EC
Type examination module B, Cert. No. 2002/042/8969/2
Quality management system module D, Cert No. EDS 0002011/01

TECHNICAL DATA

Relieving pressure	= Set pressure +10% (0.3 Bar.g. min.)
Reseating pressure	= Set pressure -10% (0.3 Bar.g. min.)
Set pressure range	= 2.8 to 3.8, 4.3 to 4.5, 5.5, 7.7 to 9.4 Bar.g.
Flow area	= 1104.5 mm²
Inlet bore diameter	= 1.475" (37.5mm)
Derated coefficient of discharge in accordance with BS, K_{dr}	= 0.74 (5.5 Bar.g = 0.531)
Temperature range	= -30°C to 200°C subject to seal material.

FOR FURTHER TECHNICAL INFORMATION, CONVERSION FACTORS, INSTALLATION AND OPERATING INSTRUCTIONS ETC. SEE TECHNICAL INFORMATION SECTION.

FLOW CHART

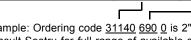- FOR HIGHER FLOWS CONSULT SEETRU LTD. FOR LOWER FLOWS SEE TYPE 10625 DATA SHEET.

* SET PRESSURE Bar.g	2.8	3	3.8	4.3	4.5	5.5	7.7	8	9	9.4
RATED DISCHARGE CAPACITY IN ACCORDANCE WITH BS 6759, AIR AT 15°C AND 1013mbar Std.Litres/s	643	677	815	902	936	796	1490	1542	1715	1784

* SEE SET PRESSURE RANGE IN TECHNICAL DATA.

VALVE SELECTION CHART

OTHER INLET SIZES AND TOP FITTING OPTIONS MAY BE AVAILABLE

INLET CONNECTION	ORDERING CODE	TOP FITTING CODE
R 2 (2" BSP TAPER)	31140	6900
G 2 1/2 (2 1/2" BSP PARALLEL)		8400

Example: Ordering code 31140 690 0 is 2"BSP Taper inlet connection with knob lifting gear and wirelock.
Consult Seetru for full range of available seal materials and non standard set pressures.

SEETRU LIMITED

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1 1/2" Nom. Bore BRASS CONSTRUCTION
DIRECT SPRING LOADED ATMOSPHERIC
DISCHARGE SAFETY VALVE FOR
COMPRESSED AIR OR GASES

ATMOSPHERIC DISCHARGE
1 1/2"NOM. BORE SERIES

TYPE 31140