



MX3017 & MX3018 HIGH TEMPERATURE EXPLOSION RELIEF VALVE

Proven in service for long life and efficiency

Integral safety deflection cover

1.25 PSI opening pressure standard, others available

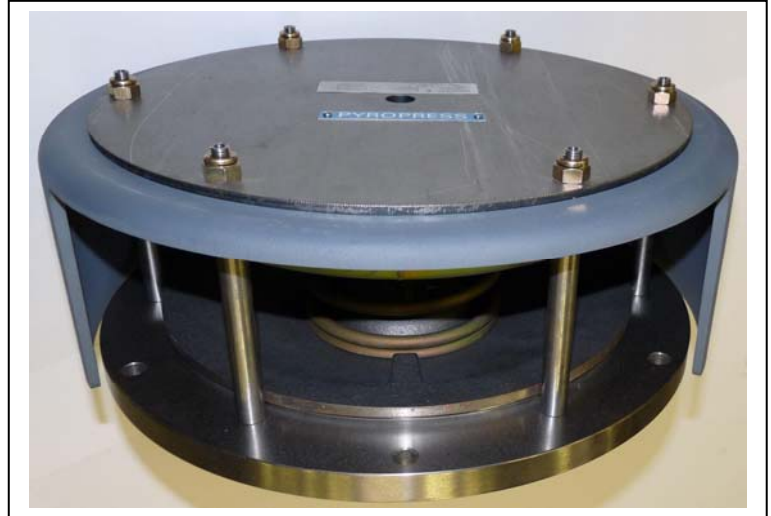
Fast acting

Robust construction

Integral indicator option (MX3017)

Custom design abilities

Inconel spring loaded stemless relief valve



INTRODUCTION

To avoid a dangerous pressure rise and resultant damage in the event of an explosion occurring in exhausts and silencers it is necessary to provide pressure relief valves of an ample area.

This valve is suitable for high temperature applications and has been developed from our crank-case explosion relief valves which have been manufacturer for over 50 years. The design incorporates a quick acting, spring loaded, stemless relief valve, which ensures frictionless valves operation and eliminates any possible danger of sticking. These valves have a long established track record in service and are constructed to withstand temperatures of 540°C

PART NUMBER BREAKDOWN

MX3017 / 1.25

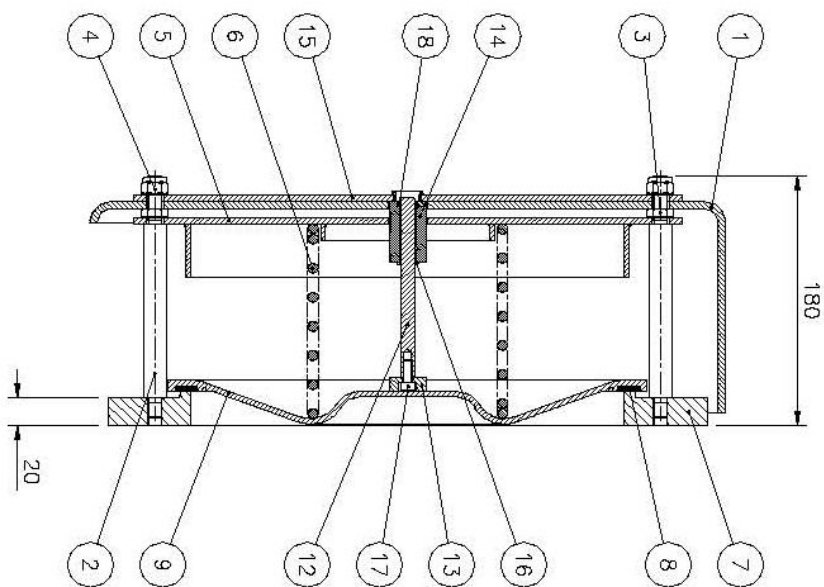
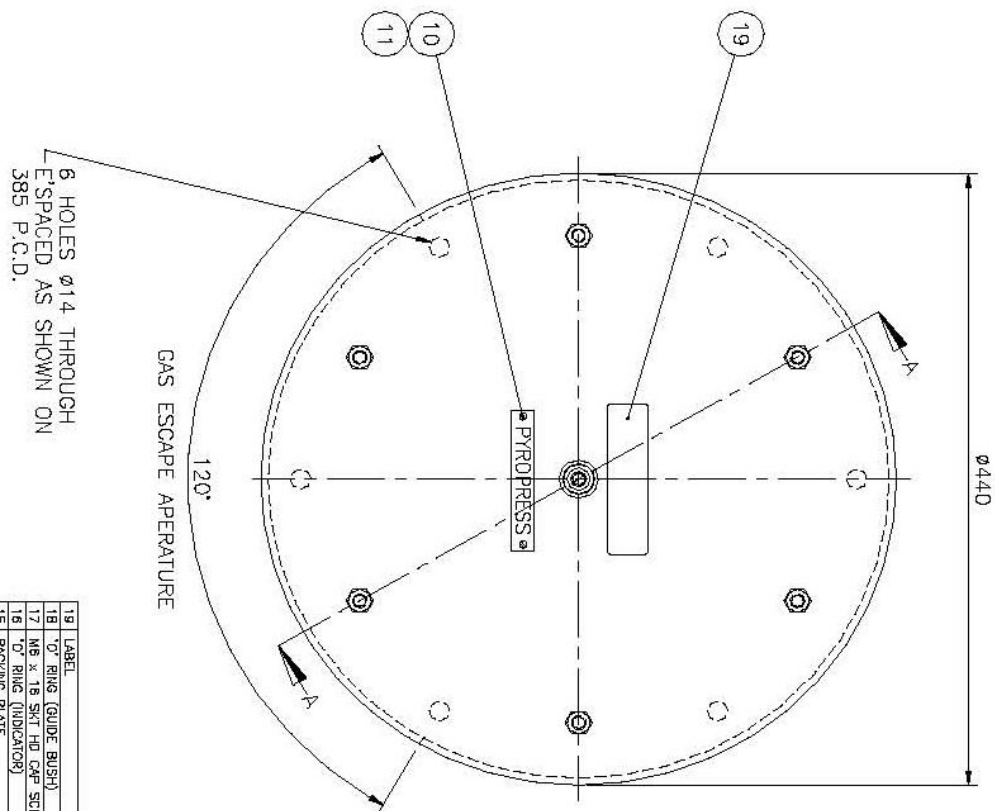
MX3017 VALVE WITH INDICATOR
MX3018 VALVE WITHOUT INDICATOR

OPENING PRESSURE
1.25 PSI standard – stocked
2.0 PSI – special
3.0 PSI – special - stocked

IT MUST BE EMPHASIZED THAT THE DEGREE OF PROTECTION PROVIDED BY SUCH VALVES IN EXHAUST AND SILENCER APPLICATIONS OF A GIVEN VOLUME DEPEND ON THE NUMBER AND SIZE OF VALVES FITTED AND THEIR RELATIVE LOCATION. TO OBTAIN THE OPTIMUM PROTECTION FOR YOUR SYSTEM PLEASE PROVIDE A DRAWING OR SKETCH TO OUR SALES ENGINEERS. WE WILL ENSURE THAT THE REQUIRED EFFECTIVE RELIEF AREA FOR THE VOLUME OF YOUR SYSTEM IS CORRECTLY CALCULATED.

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DRAWING



SECTION AA

REF	DESCRIPTION	MATERIAL
1	VALVE COVER	ALUMINIUM
2	VALVE GUIDE	MILD STEEL
3	M10 HALF NUT	STEEL
4	M10 AERO NUT	STEEL
5	SPRING RETAINING PLATE	STEEL
6	SPRING	TRIDINEL
7	VALVE CARRIER	CAST IRON
8	SEALING RING	NOVUS 34
9	VALVE	ALUMINIUM
10	LABEL	ALUMINIUM
11	M3 x 8 PAN HEAD SCREW	BRASS
12	INDICATOR	ALUMINIUM
13	INDICATOR STOP	ALUMINIUM
14	GUIDE BUSH	ALUMINIUM
15	BACKING PLATE	STEEL
16	O-RING (INDICATOR)	NITRILE
17	M6 x 18 SKT HD CAP SCREW	ST. STL.
18	O-RING (GUIDE BUSH)	NITRILE
19	LABEL	MET/POLYESTER

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