

MULTI PURPOSE PORTABLE EXTINGUISHER STORED PRESSURE - UL LISTED

FEATURES

- Class A/B/C and electrical Fire
- UL Listed - MAP 90% powder.
- Stainless steel handles and levers.
- Large loop Stainless steel Pull pin.
- Aluminum nozzle.
- Anodized Aluminum valve with controllable discharge mechanism.
- Rugged heavy duty Booster hoses with Stainless steel crimping.
- Steel cylinder complete with protective skirt, MIG welded by 6G certified welders.
- Pure polyester powder coated in advance automatic powder coating machine.
- 12-year periodic hydrostatic test interval.
- Six-year warranty.



Class A



Class B



Class C



UL FILE NO.
EX28681

PERFORMANCE DATA

MODEL	KFAHQ-2.5-UL	KFAHQ-10-UL	KFAHQ-20-UL
Capacity	2.5 lbs	10 lbs	20 lbs
Filled agent weight (lbs / kg)	2.64 lbs (1.2 kg)	10.13 lbs (4.6 kg)	20.92 lbs (9.5 kg)
Design	Nozzle	Hose & Nozzle	
UL Fire Rating	1 A : 10 BC	4 A : 80 BC	4 A : 80 BC
Height (inch / cm)	15.35" (39 cm)	19.68" (50 cm)	23.42" (59.5 cm)
Diameter (inch / cm)	3.39" (8.6 cm)	5.12" (13 cm)	7.09" (18 cm)
Average Discharge time	8-10 Sec	20-23 Sec	30-35 Sec
Average Range of flow	13 - 16 feet (4 - 5 meter)	16 - 19 feet (5 - 6 meter)	19 - 23 feet (6 - 7 meter)
Operating Temperature	-40 °C to +49 °C (-40 °F to 120 °F)		
Operating Pressure @70°F (21°C)	195 psi		
Empty Weight (Average)	3.3 lbs (1.5 kg)	6.6 lbs (3.2 kg)	12.1 lbs (5.5 kg)
Full Weight (Average)	6.1 lbs (2.8 kg)	16.7 lbs (7.8 kg)	33 lbs (15.0 kg)
Shipping Weight (Average)	6.8 lbs (3.1 kg)	17.4 lbs (8.2 kg)	34.1 lbs (15.5 kg)
Mounting Bracket	Vehicle bracket	Wall mounting bracket	
Approvals	UL		



ABC POWDER TYPE DCP FIRE EXTINGUISHER

Dry Chemical Powders Are Important Fire Fighting Agents. The Main Advantage is Practically Immediate Success Of Extinguishing a Fire. Furthermore One Can Use Dry Powders For Extinguishing Large Scale Fire, Spillage Fires And Three Dimensional Fires.

- ISI Marked
- 1 Year Warranty
- Safe For Use On Live Electrical Equipments
- Squeeze Grip Operation
- Fully Refillable
- Controlled Discharge



MODEL	SPF- 1 KG ABC P	SPF- 2 KG ABC P	SPF- 6 KG ABC P	SPF- 10 KG ABC P	SPF- 25 KG ABC P
CYLINDER MATERIAL	M.S.	M.S.	M.S.	M.S.	M.S.
CAPACITY (KG)	1	2	6	10	25
FIRE RATING	1A 21B	1A 34B	3A 89B	4A 144B	20A 233B
TEMPERATURE RANGE	-30°C to +60° C	-30°C to +60° C	-30°C to +60° C	-30°C to +55° C	-30°C to +55° C
MINIMUM EFFECTIVE DISCHARGE TIME	08 Seconds	08 Seconds	13 Seconds	13 Seconds	30 Seconds
BULK RANGE DISCHARGE	02 Mtrs. (Minimum)	02 Mtrs. (Minimum)	02 Mtrs. (Minimum)	02 Mtrs. (Minimum)	06 Mtrs. (Minimum)
OPERATING PRESSURE	15 BAR	15 BAR	15 BAR	15 BAR	15 BAR
TEST PRESSURE	35 BAR	35 BAR	35 BAR	35 BAR	35 BAR
EXPELLANT	NITROGEN	NITROGEN	NITROGEN	NITROGEN	NITROGEN





CARBON DIOXIDE FIRE EXTINGUISHER

Carbon Dioxide Fire Extinguishers Are Ideal For Use On Class B & Class C Fire Risks. The **SAFE PRO** Carbon Dioxide Fire Extinguishers Are Available In 6 kg Standard Version.

- ISI Marked
- 1 Year Warranty
- Safe For Use On Live Electrical Equipments
- Supplied With Wall Bracket
- Fully Refillable
- Controlled Discharge



MODEL	SPF - 6 KG CO2
CYLINDER BODIES	Manganese steel (37 Mn)
CAPACITY (KG)	6 kg
FIRE RATING	B&C
TEMPERATURE RANGE	-30°C to + 60°C
MINIMUM EFFECTIVE DISCHARGE TIME	9 Seconds
BULK RANGE DISCHARGE	2 Mtrs (Minimum)
TEST PRESSURE	250 BAR

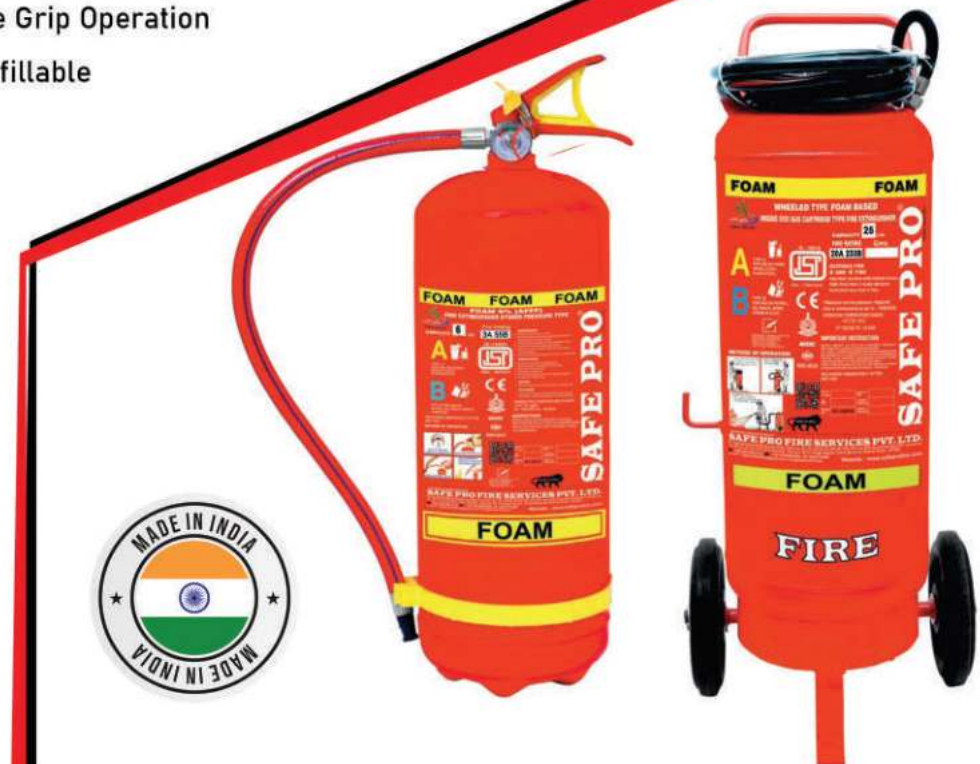




FOAM TYPE FIRE EXTINGUISHER

Foam Type Fire Extinguishers Are Ideal For Use On Class A And Class B Type Fire Risks. The SAFE PRO Foam Fire Extinguishers Are Available In 6 & 25 Lts Standard Models

- ISI Marked
- 1 Year Warranty
- Supplied With Wall Bracket
- Squeeze Grip Operation
- Fully Refillable



MODEL	SPF- 6 LTR MF	SPF- 25 LTR MF CT
CYLINDER MATERIAL	M.S.	M.S.
CAPACITY (Ltr.)	6 Ltr	25 Ltr
FIRE RATING	3A 55B	20A 233B
TEMPERATURE RANGE	+5°C to + 55°C	+5°C to + 55°C
MINIMUM EFFECTIVE DISCHARGE TIME	13 Seconds	30 Seconds
BULK RANGE DISCHARGE	2 Mtr (Minimum)	6 Mtr (Minimum)
OPERATING PRESSURE	15 BAR	15 BAR
TEST PRESSURE	35 BAR	35 BAR
EXPELLANT	NITROGEN	NITROGEN





AUTOMATIC CEILING MOUNTED MODULAR FIRE EXTINGUISHER

Automatic Fire Extinguishers Are Ideal For Use In Unoccupied Rooms Or Areas And Can Be Used To Provide Fire Safety Protection In An Enclosed Space.

- Available With ABC Powder And Clean Agent Gas Extinguishers.
- Supplied Complete With Temperature Activation Bulb (68° C) Which Activates The Fire Extinguisher When The Temperature Reached.
- Wide Range Of Uses Including Unattended Areas, Storage Rooms, Server Rooms, Engine Compartments.



MODEL	SPF-M6	SPF-M10
CAPACITY	6 Ltr	10 Ltr
DESIGN	Ceiling mounted	Ceiling mounted
AVERAGE DISCHARGE TIME	6 to 8 Seconds	10-15 sec
TEMPERATURE RANGE	(-)20°C to + 55°C	(-)20°C to + 55°C
AREA PROTECTION	2 to 2.5 m ²	4 to 5 m ²
VOLUME PROTECTION	7 m ³	10 m ³
FILLING TOLERANCE	±2% by Mass	±2% by Mass
CYLINDER BODY	MS	MS
SERVICE / TEST PRESSURE	15 / 35 BAR	15 / 35 BAR
EXPPELLING AGENT	Nitrogen	Nitrogen
CONTROL VALVE	Brass	Brass
DISCHARGE NOZZLE	Metallic	Metallic



CONCENTRATE

DESCRIPTION:

Aqueous Film Forming Foam concentrate (AFFF), formulated with new generation AFFF fluorinated surfactants which are environmentally safer. SAFEPRO AFFF is formulated with fluorinated surfactant, synthetic surfactant, solvent and blended with preservatives and stabilizers. It produces thin strong film on hydrocarbon fuel surface. The foam spreads rapidly on fuel surface due to positive spreading provided by fluorinated surfactants and the foam blanket excludes oxygen from the fuel surface and provides cooling effect leading to fast flame knockdown and extinguishment.

SAFE PRO AFFF**APPLICATION:**

SAFEPRO AFFF is suitable for class B fires of hydrocarbons like crude oil, gasoline, diesel, kerosene etc in sectors like refineries tank terminals, process areas, power stations, offshore and onshore installation etc. AFFF can also be used as a wetting agent in combating fires in class A materials such as wood, paper, rubber and tyres.

PROPORTIONING AND DISCHARGE DEVICES:

AFFF can be used with all types of foam proportioning and discharge devices such as portable and fixed (in-line) proportioners, branchpipes, balance pressure variable flow proportioners, bladder tanks ratio controllers and around-the-pump proportioners, spray fog nozzles, monitors, foam makers, foam chambers, foam pourers, rim seal foam pourers, sprinklers etc.

COMPATIBILITY:

SAFEPRO AFFF is compatible with dry powders and other equivalent foams.

STORAGE AND SHELF LIFE:

When stored in sealed original containers, the product has a long shelf life of 10 years. The shelf life of foam is also dependent on the storage temperatures and conditions. Recommended storage temperature 0°C to 50°C. The product can withstand intermittent short time exposure up to 55°C. Ensure that the containers are not directly exposed to sunlight and heat. It is unaffected by freeze/thaw cycles.

ENVIRONMENTAL INFORMATION:

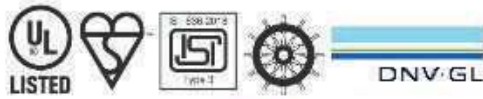
Being based on fluorinated surfactants, AFFF is environmentally safe, bio-degradable, low toxic to the aquatic organisms. The handling of spills of concentrate or foam solution should however be undertaken according to local regulations. Normally sewage systems can dispose foam solution based on this type of foam concentrate, but local sewage operators should be consulted in this respect. Refer MSDS for additional information.

**TECHNICAL DETAILS**

Parameters	AFFF 3%
Appearance	Light Brown
Sp. Gravity	1.02 ± 0.01
pH Value	7.5 ± 1
Viscosity	< 10 cSt
Freezing Point	-1°C

Fire Hoses

1 Pyroprotect / Pyroflex



- UL Listed - USA and Canada
- Bearing IS 636:2018 Type 3 mark
- Wheelmark approved
- With BS 6391 Type 3 Kite Mark, EN 14540(2004)
- Smooth inner unified lining of specially formulated polymer, with very low friction loss
- Made of high tenacity fibres
- Synthetic rubber compound specially formulated for abrasion and chemical resistance and ozone flexibility protection against ageing
- Ribbed for hose protection and easy handling
- Standard colour: Reddish brown
- NST Aluminum Coupling
- Made in India

Product Code No.	Sizes	Working Pressure PSI/Kg/cm ²	Burst Pressure PSI/Kg/cm ²
FH-PY-38A	1½"	200 PSI	750/50
FH-PY-63A	2½"	200 PSI	750/50

Fire Hoses

2 Pyroprotect / Pyroflex



- UL Listed - USA and Canada
- Bearing IS 636:2018 Type 3 mark
- Wheelmark approved
- With BS 6391 Type 3 Kite Mark, EN 14540(2004)
- Smooth inner unified lining of specially formulated polymer, with very low friction loss
- Made of high tenacity fibres
- Synthetic rubber compound specially formulated for abrasion and chemical resistance and ozone flexibility protection against ageing
- Ribbed for hose protection and easy handling
- Standard colour: Reddish brown
- NST Brass Coupling
- Made in India

Product Code No.	Sizes	Working Pressure PSI/Kg/cm ²	Burst Pressure PSI/Kg/cm ²
FH-PR-38	1½"	200 PSI	750/50
FH-PR-63	2½"	200 PSI	750/50



3 Premier / Fyrfyter



- Bearing IS 636:2018 Type I mark
- Wheelmark approved
- Conforming to BS 6391 Type 1, DIN 14811, UL 219, UL 19, EN 14540(2004)
- Jacket made of 100% polyester for extra strength
- Special quality black EPDM internal rubber lining withstands heat and polluted water
- Heat and abrasion resistant
- Standard Color: White
- NST Aluminum Coupling
- Made In India

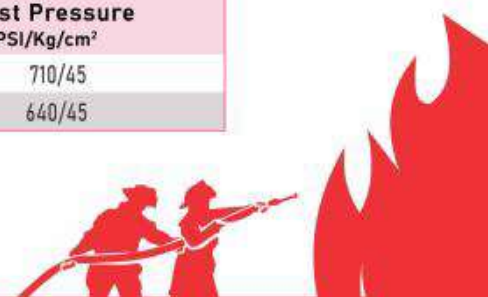
Product Code No.	Sizes	Working Pressure PSI/Kg/cm ²	Burst Pressure PSI/Kg/cm ²
FH-PR-38A	1½"	15 BAR	710/45
FH-PR-63A	2½"	15 BAR	640/45

4 Premier / Fyrfyter



- Bearing IS 636:2018 Type I mark
- Wheelmark approved
- Conforming to BS 6391 Type 1, DIN 14811, UL 219, UL 19, EN 14540(2004)
- Jacket made of 100% polyester for extra strength
- Special quality black EPDM internal rubber lining withstands heat and polluted water
- Heat and abrasion resistant
- Standard Color : White
- NST Brass Coupling
- Made In India

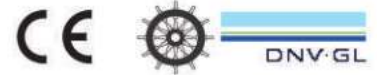
Product Code No.	Sizes	Working Pressure PSI/Kg/cm ²	Burst Pressure PSI/Kg/cm ²
FH-PR-38	1½"	15 BAR	710/45
FH-PR-63	2½"	15 BAR	640/45



Fire Hoses

1

Premier Extra



- Bearing IS 636:2018 Type 2 mark
- Wheelmark approved
- Conforming to BS 6391 Type 2, DIN 14811, EN 14540(2004)
- Jacket made of 100% polyester for extra strength
- Special quality black EPDM internal rubber lining with stands heat and polluted water
- Heat and abrasion resistant
- Standard Color: **RED**
- NST Aluminum Coupling
- Made in India



Product Code No.	Sizes	Working Pressure PSI/Kg/cm ²	Burst Pressure PSI/Kg/cm ²
FH-PRE-38	1 1/2" x 30Mtr	15 BAR	710/45
FH-PRE-63	2 1/2" x 30Mtr	15 BAR	640/45

Fire Hoses

2

Double Jacket



- Bearing IS 636:2018
- Conforming to BS 6391 Type 2, DIN 14811, EN 14540(2004)
- Following The Specification Of NFPA 1961
- DOUBLE JACKET :- Jacket made of 100% polyester for extra strength
- Special quality black EPDM internal rubber lining
- with stands heat and polluted water
- Heat and abrasion resistant
- Standard Color: **WHITE**
- NST Brass & Aluminum Coupling
- Made in India



Product Code No.	Sizes	Working Pressure PSI/Kg/cm ²	Burst Pressure PSI/Kg/cm ²
FH-DJ-38	1 1/2" x 30Mtr	400 PSI	1200 PSI
FH-DJ-63	2 1/2" x 30Mtr	400 PSI	1200 PSI



SUPERFIRE JUNIOR

SELECTABLE GALLONAGE NOZZLE



NEWAGE FIRE PROTECTION
INDUSTRIES PRIVATE LIMITED



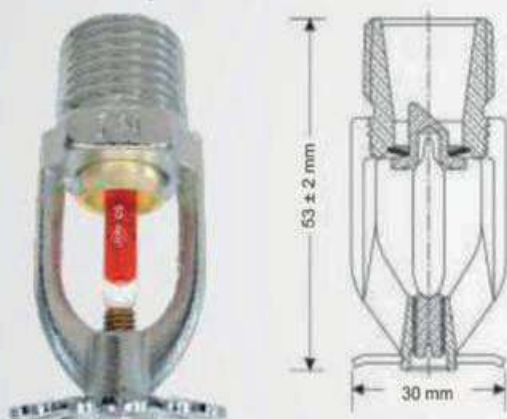
SAFE PRO
Faster than fire
**MULTI
PURPOSE
NOZZLE**

RAKME FIRE EQUIPMENTS

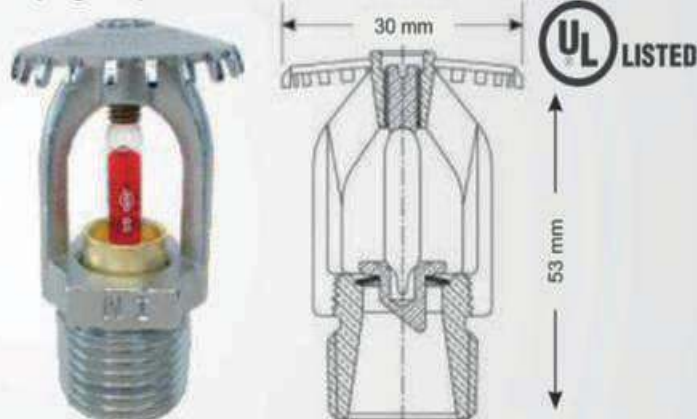
JEDDAH | RIYADH | DAMMAM

Pendant/ Upright-Sprinkler

Pendant Sprinkler



Upright Sprinkler



Standard Response & Quick Response

The sprinkler is available in Pendant and Upright spray, 5 mm diameter glass bulb in standard response and 3 mm diameter glass bulb in quick response. Temperature rating of 68°C and 79°C, K 5.6 (80) orifice size, and Pressure rating of 175psi (12 Bar).

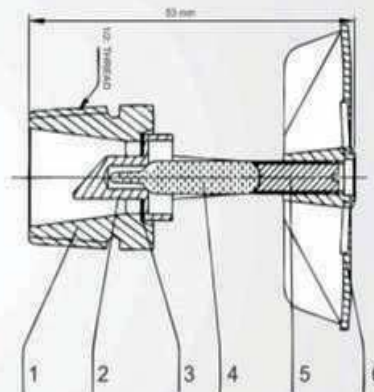
Technical Specifications

SIN	NI070/NI801	NI075/NI803
Response Type	Standard Response	Standard Response
Type	Pendant	Upright
Nominal K-Factor	5.6 (80)	5.6 (80)
Maximum Working Pressure	175 psig (12 Bar)	175 psig (12 Bar)
Hydrostatic Test Pressure	350 psig (25 Bar)	350 psig (25 Bar)
Operating Temperature	68° C / 79° C	68° C / 79° C
Glass Bulb Size	5 mm	5 mm
Thread Size	1/2" NPT / BSPT	1/2" NPT / BSPT

Material Specification

Component	Material
Deflector	Brass UNS - 28000
Bulb	Glass with Glycerin Solution
Load Screw	Brass UNS - 28000
Seal	Brass UNS - 28000
Frame	Brass UNS - 28000
Seal Washer	Belleville Washer coated on both sides with Teflon Tape
Bulb Nominal Diameter	Standard Response 5.0mm, Quick Response 3.0mm

Horizontal Sidewall Sprinkler



Standard Response & Quick Response

Newage UL Listed Sidewall Type Sprinkler Is for horizontal Installation. It Offers rectangular spray pattern and is ideally suited for use in the sprinkler hard-install area such fire prevention shutter area such as fire privation shutter area, mechanical parking building, hotel and escalator

Technical Specifications

SIN NO. NI 012 / NI 020 / NI 805

Response Type	Standard
Temperature Rating	68 °C / 79° C
Nominal K Factor	5.6 (80)
Glass Bulb Size	5 mm
Maximum Working Pressure	175 psi (12kgf/cm2)
Hydrostatic Test Pressure	350 psi (25kgf/cm²)
Thread Size	1/2" NPT / BSPT
Product Finish	Chrome Plated
Approved	UL Listed (File EX 15242)

Material Specification

Component	Material
Deflector	Brass UNS - 28000
Bulb	Glass with Glycerin Solution
Load Screw	Brass UNS - 28000
Seal	Brass UNS - 28000
Frame	Brass UNS - 28000
Seal Washer	Belleville Washer coated on both sides with Teflon Tape
Bulb Nominal Diameter	Standard Response 5.0mm, Quick Response 3.0mm

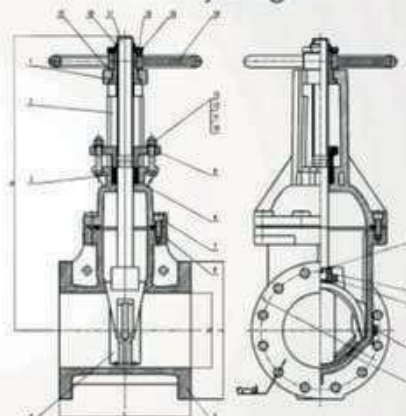


Resilient Wedge Gate Valve

Model No- NPOSY-300F



Assembly Diagram



Working Pressure: 300psi (PN20)
Flanged End: ANSI B16.1 Class 125/150/300

Size Chart

Size Item	2-1/2"	3"	4"	5"	6"	8"	10"	12"
DN	65	80	103	128.5	155	204	255	304
L	190	203	229	254	267	292	330	356
D	178	191	229	254	279	343	406	483
H	370	420	447	547	607	754	890	1031

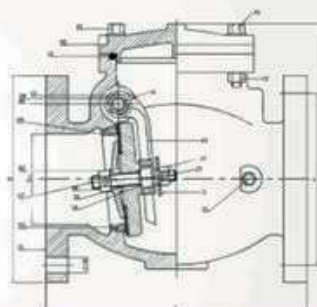
Material Specification

Parts NO.	Part Name	Material	Standard
1	Body	DI	ASTM A536 65-45-12
2	Disc	DI+EPDM	ASTM A536 65-45-12 + EPDM
3	Connecting Part	C95400	ASTM B148
4	Sealing Pad	EPDM	ASTM D2000 EPDM
5	Stem	S.S.304	ASTM A276
6	Cap	DI	ASTM A536 65-45-12
7	Sealing Kits	Graphite	
8	Bolt	Steel	
9	Platen	DI	ASTM A536 65-45-12
10	Nut	Steel	
11	Rotating Nut	C95400	ASTM B 148
12	Handwheel	Steel	ANSI 1045
13	Lock Nut	Steel	ANSI 1045
14	Flat Key	S.S.416	
15	Countersunk Head Bolt	Steel	
16	Cylinder Pin	Steel	
17	Plug	C95400	ASTM B148



Flanged Resilient Swing Check Valve

Model No- NPSCV-300F



Working Pressure: 300psi (PN20)
Flanged End: ANSI B16.1 Class 125/150/300

Size Chart

Size Item	2"	2-1/2"	3"	4"	5"	6"	8"	10"	12"
Dn	51	64	80	100	126	152	204	254	302
L	203	216	241	292	330	356	495	622	698
D	152	178	191	229	254	276	343	406	483
£ f6 & 10	120.5	139.5	152.5	190.5	216	241.5	298.5	362	432
n-d	4-Ø19	4-Ø19	4-Ø19	8-Ø19	8-Ø22	8-Ø22	8-Ø22	12-Ø25	12-Ø25
H	142	148	163.5	172	237	233	301	348	419

Sr. No.	PART NAME	MATERIAL/STANDARD
1,2,4 & 5	Body, Bonnet, Disc & Rocker Arm	ASTM A536 65-45-12
3, 6 & 10	Seat Ring ,Baffle plate & Plug	ASTM A148 C95400
7,8,11,17,18 & 19	Middle Plate, Pinned Stem, Gasket & Outer Hexagon Nut M 12	ASTM A276 SS304
9	Bracket Screw	ASTM A351 SS304
12,13,14 & 15	O-Ring	ASTM A2000 EPDM
16	Bronze bushing	Powder Metallurgy
20,21 & 22	M12 x 60 Zinc Outer Hexagon Nut, M12x 40 Zinc Outer Hexagon Nut, M12 Zinc Outer Hexagon Nut	ASTM A194 2H Steel

