

DIESEL ENGINE PROTECTION D-SERIES SHUT DOWN VALVES & ACCESSORIES

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Automatic Shutdown Valves

Code	External End ø (mm)	
	Min	Max
D29	25	34
D30	35	44
D41	38	58
D45	40	70
D51	51	80
D57	57	83
D64	64	96
D70	70	102
D80	70	108
D92S*	76	114
D102S*	89	115
D121S*	101	140
D136S*	126	154
D200S*	152	229

Automatic Shutdown Valves with Air Filter

Code	Grommet bore (mm)		Code	Grommet bore (mm)
	322.00	D34BF-AM		
D35BF	35mm or 38mm			
D39BF	40mm,42mm or 44mm			

Note : above include price of selected Grommet

Code	External End ø (mm)	
	40	70
D45F	40	70
D51F	51	80
D57F	57	83
D64F	63	96

Special Flange Mount Variants - Certain Deutz 1011 & 2011 Applications

Automatic Shutdown Valves (70mm inlet end is standard)

Code
D51-F4L

Auto/Manual Shutdown Valves

(Add price for selected handle & cable - see page 2)

Code	External End ø (mm)	
	Min	Max
D29-AM	25	34
D30-AM	35	44
D41-AM	38	58
D45-AM	40	70
D51-AM	51	80
D57-AM	57	83
D64-AM	64	96
D70-AM	70	102
D80-AM	70	108
D92S-AM*	76	114
D102S-AM*	89	115
D121S-AM*	101	140
D136S-AM*	126	154
D200S-AM*	152	229

Auto/Manual Shutdown Valves with Air Filter

(Add price for selected T-handle & CLD cable - see page 2)

Code	Grommet bore (mm)	Price £	D34BF	
			35mm or 38mm	35mm or 38mm
		364.00		
D35BF-AM	35mm or 38mm			
D39BF-AM	40mm,42mm or 44mm			

Note : above include price of selected Grommet

Code	External End ø (mm)	
	40	70
D45F-AM	40	70
D51F-AM	51	80
D57F-AM	57	83
D64F-AM	63	96

Auto/Manual Shutdown Valves (70mm inlet end is standard)

(Add price for selected T-handle & CSD cable - see page 2)

Code
D51-F4L-AM

DIESEL ENGINE PROTECTION

*Note : above Spindle Valves available with choice of springs (S shown)

DIESEL ENGINE PROTECTION D-SERIES SHUT DOWN VALVES & ACCESSORIES

Auto / Air (pressure to stop) Shutdown Valves

(add price for selected handle & cable - see below)

Code	External End ø (mm)	
	Min	Max
D92S-AP	76	115
D102S-AP	89	115
D121S-AP	101	140
D136S-AP	126	154
D200S-AP	152	229

Oil Pressure to Run

Code	External End ø (mm)	
	Min	Max
D92S-AMZ	76	115
D102S-AMZ	89	115
D121S-AMZ	101	140
D136S-AMZ	126	154
D200S-AMZ	152	229

NOTE: for smaller automatic overspeed valves with oil pressure operation see 'Z' valves type TMZ

Accessories for 'AM' & 'AMP' Valves*

Code	Description
RTD-200	Remote Shut down 'T' handle - mini version intended for D29, D30, D41 and Deutz valves. (DO NOT specify for D' valves larger than D70)
RTD-100	Remote Shut down 'T' handle assembly (DO NOT specify for D121S, D136S or any D200 valve)
RTD-220	Remote Shut down 'T' handle assembly
RLD-100	Lever (Use with D121S, D136S & all D200 valves)
CLD-020	0.2m long (1.5mm Stranded)
CLD-100	1.0m long (1.5mm Stranded)
CLD-150	1.5m long (1.5mm Stranded)
CLD-200	2.0m long (1.5mm Stranded)
CLD-300	3.0m long (1.5mm Stranded)

Auto / Air (pressure to stop) / Manual Shutdown Valves

Code	External End ø (mm)	
	Min	Max
D92S-AMP	76	115
D102S-AMP	89	115
D121S-AMP	101	140
D136S-AMP	126	154
D200S-AMP	152	229

NOTE: -AP, -AMP and -AMZ also available with choice of springs (S shown)

Accessories for 'AMZ' Valves

Code	Description
RLZ-100	Remote Control Lever
CHW-100	1.0m long Heavyweight Cable
CHW-150	1.5m long Heavyweight Cable
CHW-200	2.0m long Heavyweight Cable
CHW-300	3.0m long Heavyweight Cable
CHW-400	4.0m long Heavyweight Cable

*Accessories for D200-AM Valves

Code	Description
CLE-150	1.5m long (2.0mm Stranded)

*Accessories for D30, D41 and Special Deutz (AM versions) Valves

Code	Description
CSD-020	0.2m long (1.5mm Stranded)
CSD-100	1.0m long (1.5mm Stranded)
CSD-150	1.5m long (1.5mm Stranded)

(other length cables on request)

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Chalwyn UK_2018_01_r1 with spares: D-Series P2

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COMPACT BUTTERFLY INTAKE SHUTDOWN VALVES

Solenoid (Energised to Close)

No Microswitch

Code	Body	O.D. (mm)	Voltage	Code	Body	O.D. (mm)	Voltage
SVR-281-44	2"	44	12v	SVR-291-44	2"	44	24v
SVR-281-48	2"	48	12v	SVR-291-48	2"	48	24v
SVR-281-51	2"	51	12v	SVR-291-51	2"	51	24v
SVR-281-57	2"	57	12v	SVR-291-57	2"	57	24v
SVR-281-60	2"	60	12v	SVR-291-60	2"	60	24v
SVR-281-64	2"	64	12v	SVR-291-64	2"	64	24v

Code	Body	O.D. (mm)	Voltage	Code	Body	O.D. (mm)	Voltage
SVR-381-70	3"	70	12v	SVR-391-70	3"	70	24v
SVR-381-77	3"	77	12v	SVR-391-77	3"	77	24v

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X-SERIES INTAKE SHUT DOWN VALVES & ACCESSORIES

MANUAL OPERATION

Valve Mounted Reset & Stop Controls

Code	Bore
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MVX-300	3"
MVX-500	5"

Valve Mounted Reset Lever Cable Operated "Pull" Stop

Code	Bore
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MVX-303	3"
MVX-503	5"
MVX-803	8"

See sheet 3 for associated pull handle and cable options and prices

AIR PRESSURE OPERATED

Code	Bore
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PVX-300	3"
PVX-301	3"
PVX-500	5"
PVX-501	5"
PVX-800	8"
PVX-801	8"

OIL PRESSURE OPERATED with Manual Override

Code	Bore
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HVX-300	3"
HVX-500	5"

See sheet 3 for associated override lever and cable options and prices

ELECTRICALLY OPERATED VALVES FOR HAZARDOUS AREAS

Solenoid (Energised to Open) - EExe I T4

Code	Bore	Voltage
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SVX-320	3"	12v
SVX-330	3"	24v
SVX-520	5"	12v
SVX-530	5"	24v
SVX-820	8"	12v
SVX-830	8"	24v

MANUAL & AIR PRESSURE OPERATED

Valve Mounted Reset Lever -

Air Pressure Stop

Code	Bore
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MPX-300	3"
MPX-500	5"
MPX-800	8"

Valve Mounted Reset Lever -

Air Pressure Stop and Microswitch

Code	Bore
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MPX-310	3"
MPX-510	5"

Valve Mounted Reset Lever - Cable Operated Manual "Pull" Stop and Air Pressure Stop

Code	Bore
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MPX-303	3"
MPX-503	5"
MPX-803	8"

See Sheet 3 for associated pull handle and cable options and prices

AIR PRESSURE OPERATED

Code	End O.D.	End O.D.
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PVA-280	2.8"	71mm
PVA-281	2.8"	71mm
PVA-350	3.5"	89mm
PVA-351	3.5"	89mm
PVA-401-HBO	4.0"	102mm
PVA-550	5.5"	140mm
PVA-551	5.5"	140mm

Solenoid (Energised to Hold Open) - EExe I T4

Code	Bore	Voltage
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SVX-340	3"	12v
SVX-341	3"	24v
SVX-540	5"	12v
SVX-541	5"	24v

See sheet 3 for associated override lever and cable options and prices

SEE X-SERIES PAGE 3 & 4 FOR ACCESSORIES

DIESEL ENGINE PROTECTION

X-SERIES INTAKE SHUT DOWN VALVES & ACCESSORIES

ELECTRICALLY OPERATED VALVES FOR NON-HAZARDOUS AREAS

Externally Switched Solenoid (Energised to Open) Requires Timer Module

Microswitch for Status Indication

Code	Bore	Voltage
SVX-308	3"	12v
SVX-307	3"	24v
SVX-508	5"	12v
SVX-507	5"	24v
SVX-808	8"	12v
SVX-807	8"	24v

Externally Switched Solenoid

(Energised to Open) Requires Timer Module

No Microswitch

Code	Bore	Voltage	Price £
SVX-300	3"	12v	1,092.00
SVX-301	3"	24v	1,114.00
SVX-500	5"	12v	1,264.00
SVX-501	5"	24v	1,286.00
SVX-800	8"	12v	1,954.00
SVX-801	8"	24v	1,977.00

Solenoid Operated with manual start override and manual emergency stop options

Microswitch for Status Indication

Code	Bore	Voltage
SVX-353	3"	12v
SVX-352	3"	24v
SVX-553	5"	12v
SVX-552	5"	24v

See Sheet 3 for associated override lever and cable options and prices

Solenoid Operated with manual start override and manual emergency stop options

No Microswitch

Code	Bore	Voltage	Price £
SVX-350	3"	12v	919.00
SVX-351	3"	24v	941.00
SVX-550	5"	12v	1,092.00
SVX-551	5"	24v	

See Sheet 3 for associated override lever and cable options and prices

Solenoid (Energised to Close) / Manual Reset

Microswitch for Status Indication

Code	Bore	Voltage
SVX-380	3"	12v
SVX-390	3"	24v
SVX-580	5"	12v
SVX-590	5"	24v
SVX-880	8"	12v
SVX-890	8"	24v

Solenoid (Energised to Close) / Manual Reset

No Microswitch

Code	Bore	Voltage
SVX-381	3"	12v
SVX-391	3"	24v
SVX-581	5"	12v
SVX-591	5"	24v
SVX-881	8"	12v
SVX-891	8"	24v

Solenoid (Energised to Close) / Manual Reset plus manual Closure

Microswitch for Status Indication

Code	Bore	Voltage
SVX-384	3"	12v
SVX-394	3"	24v
SVX-584	5"	12v
SVX-594	5"	24v
SVX-884	8"	12v
SVX-894	8"	24v

See Sheet 3 for associated pull handle and cable options and prices

Solenoid (Energised to Close) / Manual Reset plus manual Closure

No Microswitch

Code	Bore	Voltage
SVX-385	3"	12v
SVX-395	3"	24v
SVX-585	5"	12v
SVX-595	5"	24v
SVX-885	8"	12v
SVX-895	8"	24v

See Sheet 3 for associated pull handle and cable options and prices

SEE X-SERIES PAGE 3 & 4 FOR ACCESSORIES

DIESEL ENGINE PROTECTION

X-SERIES INTAKE SHUT DOWN VALVES & ACCESSORIES

Hose Adaptors (to suit all X-Series Intake Valves)

Prices are for SINGLE Hose Adaptors

3" Bore Valves

Code	Outside ø	
HAX-320	1.1/2"	(38mm)
HAX-322	1.3/4"	(44.5mm)
HAX-301	2"	(51mm)
HAX-303	2.1/4"	(57mm)
HAX-304	2.3/8"	(60mm)
HAX-305	2.1/2"	(63.5mm)
HAX-306	2.5/8"	(67mm)
HAX-307	2.3/4"	(70mm)
HAX-309	3"	(76mm)
HAX-312	3.1/4"	(83mm)
HAX-314	3.1/2"	(89mm)
HAX-319	4"	(102mm)

5" Bore Valves

Code	Outside ø	
HAX-501	3.1/2"	(89mm)
HAX-503	3.3/4"	(95mm)
HAX-505	4"	(102mm)
HAX-507	4.1/4"	(108mm)
HAX-509	4.1/2"	(114mm)
HAX-511	4.3/4"	(121mm)
HAX-513	5"	(127mm)
HAX-518	5.1/2"	(140mm)
HAX-523	6"	(152mm)

8" Bore Valves

Code	Outside ø	
HAX-807	7"	(178mm)
HAX-808	8"	(203mm)

Solenoid Boots for SVX Valves (not EExe type)

Code	Description
81776L001	End Termination
81776L002	Side Termination

Air Fittings Kit for PVX, PVA & MPX

Code	Description
SKA-100	Suits SVA-200

Override Lever & Cable for

HVX-300 / 500

SVX-340 to SVX-353 and SVX-540 to SVX-553

Code	Description
RLX-100	Remote Control Lever
CHW-100	1.0m Heavyweight Cable
CHW-150	1.5m Heavyweight Cable
CHW-200	2.0m Heavyweight Cable
CHW-300	3.0m Heavyweight Cable
CHW-400	4.0m Heavyweight Cable

Pull Handle & Cable for

MVX-303 / 503 / 803

MPX-303 / 503 / 803

Code	Description
RTD-100	Pull Handle (3/4" hole)
CLD-100	1.0m (1.5mm stranded)
CLD-150	1.5m (1.5mm stranded)
CLD-200	2.0m (1.5mm stranded)
CLD-250	2.5m (1.5mm stranded)
CLD-300	3.0m (1.5mm stranded)
	(other length cables on request)

Pull Handle & Cable for

SVX-384 / 385 / 394 / 395

SVX-584 / 585 / 594 / 595

SVX-884 / 885 / 894 / 895

Code	Description
RTD-100	Pull Handle (3/4" hole)
RTD-200	Pull Handle (3/8" hole)
CSD-100	1.0m (1.5mm stranded)
CSD-150	1.5m (1.5mm stranded)
CSD-200	2.0m (1.5mm stranded)
CSD-300	3.0m (1.5mm stranded)
	(other length cables on request)

Flametrapp Housing for 3" Intake Valves

Code	Description
FTH-300	to suit AMAL 188/46/15 family

Timer Module for 3-Wire SVX Valves

SD-085	Solenoid Controller
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DIESEL ENGINE PROTECTION

X-SERIES INTAKE SHUT DOWN VALVES & ACCESSORIES

SPARES FOR MANUALLY OPERATED VALVES

Code	Description	For Use With
MVX-009	Stop Button	MVX-300, MVX-500

SPARES FOR PNEUMATICALLY OPERATED VALVES

Code	Description	For Use With
ES-12	Pneumatic Actuator	All PVX and PVA valves

SPARES FOR ELECTRICALLY OPERATED VALVES FOR HAZARDOUS AREAS

Code	Description	For Use With
SVX-316	Replacement Solenoid (EExe)	SVX-330, SVX-530, SVX-830
SVX-319	Replacement Solenoid (EExe)	SVX-320, SVX-520, SVX-820
SVX-311	Replacement Solenoid (EExe)	SVX-340, SVX-540
SVX-312	Replacement Solenoid (EExe)	SVX-341, SVX-541
CG-03	Cable Gland	SVX-320/330/340/341, 520/530/540/541, 820/830
ET-01	Earth Tag	SVX-320/330/340/341, 520/530/540/541, 820/830
WA-26	Gland Sealing Washer	SVX-320/330/340/341, 520/530/540/541, 820/830

SPARES FOR ELECTRICALLY OPERATED VALVES FOR NON-HAZARDOUS AREAS

Code	Description	For Use With
SVX-026	Replacement Solenoid (12V)	SVX-300/308, SVX-500/508, SVX-800/808
SVX-032	Replacement Solenoid (24V)	SVX-301/307, SVX-501/507, SVX-801/807
SVX-052	Replacement Solenoid (12V)	SVX-350, SVX-550
SVX-077	Replacement Solenoid (24V)	SVX-351, SVX-551
SVX-059	Replacement Solenoid (12V)	SVX-380/381, SVX-580/581, SVX-880/881
		SVX-384/385, SVX-584/585, SVX-884/885
SVX-060	Replacement Solenoid (24V)	SVX-390/391, SVX-590/591, SVX-890/891
		SVX-394/395, SVX-594/595, SVX-894/895

FITTING KITS

Code	Description	For Use With
MVX-040	Fitting Kit (3")	All 3" X valves
MVX-039	Fitting Kit (5")	All 5" X valves

Solenoid Boots for SVX Valves (not EExe type)

Code	Description
81776L001	End Termination
81776L002	Side Termination

ELECTRICAL WIRING KITS

EWK-100	Wiring Kit for Road Vehicles
EWK-112	Electrical Wiring Kit 12V
EWK-124	Electrical Wiring Kit 24V
EWK-512	Electrical Wiring Kit - 12V
EWK-524	Electrical Wiring Kit - 24V

DIESEL ENGINE PROTECTION 4261M SERIES AIR INTAKE SHUT DOWN VALVES

AIR TO RUN, SPRING RETURN TO CLOSE

Code	O.D.
4261M02A021-AA	2.8"
4261M03A021-AA	3.5"
4261M05A021-AA	5.5"
4261M08A021-AA	8.0"

AIR TO STOP, SPRING RETURN TO OPEN

Code	O.D.
4261M02A025-AA	2.8"
4261M03A025-AA	3.5"
4261M05A025-AA	5.5"
4261M08A025-AA	8.0"

MANUALLY OPENED TO RUN, AIR OR MANUAL TRIP TO SHUT DOWN

Code	O.D.
4261M02A027-AA	2.8"
4261M03A027-AA	3.5"
4261M05A027-AA	5.5"
4261M08A027-AA	8.0"

SAFETY CONTROL, NPT Thread

Code	O.D.
4261M02A041-AA	2.8"
4261M03A041-AA	3.5"
4261M05A041-AA	5.5"
4261M08A041-AA	8.0"

ELECTRICALLY OPERATED VALVES

Solenoid (Energised to Shut Down) No Microswitch

Code	O.D.	Voltage
4261M02A171-AA	2.8"	12v
4261M03A171-AA	3.5"	12v
4261M05A171-AA	5.5"	12v
4261M08A171-AA	8.0"	12v

Solenoid (Energised to Shut Down) No Microswitch

Code	O.D.	Voltage
4261M02A172-AA	2.8"	24v
4261M03A172-AA	3.5"	24v
4261M05A172-AA	5.5"	24v
4261M08A172-AA	8.0"	24v

Solenoid (Energised to Shut Down) With Microswitch

Code	O.D.	Voltage
4261M02A271-AA	2.8"	12v
4261M03A271-AA	3.5"	12v
4261M05A271-AA	5.5"	12v
4261M08A271-AA	8.0"	12v

Solenoid (Energised to Shut Down) With Microswitch

Code	O.D.	Voltage
4261M02A272-AA	2.8"	24v
4261M03A272-AA	3.5"	24v
4261M05A272-AA	5.5"	24v
4261M08A272-AA	8.0"	24v

Solenoid (Energised to Shut Down) With Microswitch

Code	O.D.	Voltage
4261M02A471-AA	2.8"	12v
4261M03A471-AA	3.5"	12v
4261M05A471-AA	5.5"	12v
4261M08A471-AA	8.0"	12v

Solenoid (Energised to Shut Down) With Microswitch

Code	O.D.	Voltage
4261M02A472-AA	2.8"	24v
4261M03A472-AA	3.5"	24v
4261M05A472-AA	5.5"	24v
4261M08A472-AA	8.0"	24v

SPARES FOR 4261M

Code	Description
45962X012	Solenoid, 12V
45962X024	Solenoid, 24V

DIESEL ENGINE PROTECTION HYDRO-MECHANICAL VALVES

4110 Series Hydro-Mechanical Overspeed Valves

OIL SERVICE, AUTO RESET, VITON

Code	Speed (RPM)	Adapter
4110B2220E-AA	1201-1800	Std - 0.155/0.150
4110B2320E-AA	1801-2800	Std - 0.155/0.150

AIR SERVICE, MANUAL RESET, BUNA N

Code	Speed (RPM)	Adapter
4110B3320E-AA	1801-2800	Std - 0.155/0.150
4110B3120F-AA	800-1200	Std - 0.188/0.183

4110B2120F-AA	800-1200	Std - 0.155/0.150		4110B4120F-AA	800-1200	Std - 0.188/0.183
4110B2220F-AA	1201-1800	Std - 0.188/0.183		4110B3220F-AA	1201-1800	Std - 0.188/0.183
4110B2320F-AA	1801-2800	Std - 0.188/0.183		4110B3320F-AA	1801-2800	Std - 0.188/0.183
4110B2420F-AA	2801-4200	Std - 0.188/0.183		4110B3420F-AA	2801-4200	Std - 0.188/0.183
4110B2320H-AA	1801-2800	Ext - 0.188/0.183		4110B3220H-AA	1201-1800	Ext - 0.188/0.183
4110B2321S-AA	1801-2800	"N" Type		4110B3320H-AA	1801-2800	Ext - 0.188/0.183
4110B2421S-AA	2801-4200	"N" Type		4110B3221S-AA	1201-1800	"N" Type
4110B2221T-AA	1201-1800	"P" type	1,079.00	4110B3321S-AA	1801-2800	"N" Type
4110B2321T-AA	1801-2800	"P" type	1,079.00	4110B3421S-AA	2801-4200	"N" Type
4110B2421T-AA	2801-4200	"P" type			1801-2800	"P" type

4110B3321T-AA

4164 Series Hydro-Mechanical Fuel Shutoff Valves WITH NEEDLE VALVE

Code	Pressure Setting	Reset Latch
4164C2A1-AA	10 psi	Self Latching
4164C3A1-AA	15 psi	Self Latching

WITHOUT NEEDLE VALVE

Code	Pressure Setting	Reset Latch
4164C1C1-AA	5 psi	Self Latching
4164C2C1-AA	10 psi	Self Latching
4164C3C1-AA	15 psi	Self Latching
4164C4C1-AA	20 psi	Self Latching
4164C2C2-AA	10 psi	Hold for Oil Pressure
4164C3C2-AA	15 psi	Hold for Oil Pressure
4164C2D2-AA	10 psi	Hold for Oil Pressure

4075D Hydro-Mechanical Temperature Valves

4155A Hydro-Mechanical Temperature Valves

2230C Hydro-Mechanical Temperature Valves

2185L Orifice

DIESEL ENGINE PROTECTION ALTERNATORS & ALTERNATOR PULLEYS

ALTERNATOR (Battery Excited)

Code		Application	Output	Gland
ASX-200	Add price of pulley	Group IIB	14V/50A	Side
ASX-201	Add price of pulley	Group IIB	14V/50A	Rear
ASX-300	Add price of pulley	Group IIB	28V/25A	Side
ASX-301	Add price of pulley	Group IIB	28V/25A	Rear
ASX-405	Add price of pulley	Group IIB	28V/50A	Side
ASX-406	Add price of pulley	Group IIB	28V/50A	Rear

ALTERNATOR (Self Excited)

Code		Application	Output
ASX-310	Add price of pulley	Group IIB	28V/25A

ALTERNATOR PULLEY

Code	General Form	Fits onto	Belt Width	P.C.D.
ASX-546	SPA (Small)	All	1/2" / 13mm	55mm
ASX-549	SPA (Large)	All	1/2" / 13mm	71mm
ASX-574	SPA (Large)	All	1/2" / 13mm	80mm
ASX-539	SPB (Small)	All	5/8" / 16mm	66mm
ASX-548	SPB (Medium)	All	5/8" / 16mm	71mm
ASX-563	SPB (Large)	All	5/8" / 16mm	90mm
ASX-575	6 Groove Poly-V	All	DIN 6-PK	56mm
ASX-556	6 Groove Poly-V	All	DIN 6-PK	66mm
ASX-570	8 Groove Poly-V	ASX-405/406	DIN 8-PK	67mm
ASX-571	10 Groove Poly-V	ASX-405/406	DIN 10-PK	71mm
ASX-572	12 Groove Poly-V	ASX-405/406	DIN 12-PK	75mm

SPARES FOR FLAMEPROOF ALTERNATOR

Code	General Form	Fits onto
ASX-504	Rear Cover (Side Entry)	ASX-200, ASX-300
ASX-530	Rear Cover (Back Entry)	ASX-200, ASX-300
ASX-551	Rear Cover	ASX-310
ASX-510	Regulator Insulator	ASX-200/300/310
ASX-520	Cowl	ASX-200/300/310
ASX-521	Fan Disk	ASX-200/300/310
ASX-522	Fan & Disk Assembly	ASX-200/300/310
ASX-524	Fan & Pulley Spacer	ASX-200/300/310
ASX-543	Reg/Brush Assy (12V)	ASX-200
ASX-305	Reg/Brush Assy (24V)	ASX-300/310
ASX-544	Fan	ASX-200/300/310
CG-01	Cable Gland	ASX-200/300
CG-15	Cable Gland	ASX-310
NU-24	Pulley Nut	ASX-200/300/310
SH-04	O-Ring Rear Cover	ASX-200/300/310
WA-18	Sealing Washer	ASX-200/300/310

DIESEL ENGINE PROTECTION

Chalwyn UK_2018_01_r1 with spares: Alternators

22/12/2017

FUEL SHUT DOWN VALVES & SOLENOIDS

Auto Fuel Shutdown Valve (Mechanical)

Code	Pipe connections
FSX-200	3/8" BSP

Fitting Kits for use with Fuel Shutdown Valve FSX-200

Code	Description
FKX-100	For application with all D' and 'Z' series valves except D34BF to D39BF
FKX-200	For application with D34BF, D35BF and D39BF valves
FKX-300	For application with 145.00 all 'X' valves

Note:

Above fittings kit includes for supplying and fitting adaptor into both air and fuel shut down valves plus connecting pipe and fittings. In addition a blanking plug is supplied in kit FKX-300)

EExe Solenoids for Fuel Shut Down Applications

(Side Entry Cable Standard)

Code Voltage Price £ SSX-102 12v 317.00

SSX-202 24v

DIESEL ENGINE PROTECTION EXTERNAL CRANKCASE

BREATHER SYSTEM KITS

Ex-Works Prices in Pounds Sterling - January 2017

Code	Description
BYL-100	Yanmar L40AE, L48AE, L60AE & L70AE Engin
BYL-200	Yanmar L100AE & L90AE

NOTES:

- 1 **No discounts**
- 2 Above Prices do not include the price of the Chalwyn valve
- 3 The BYL-100 & BYL-200 Kits are designed for use with the D35BF valve and include the engine to D35BF Intake Adaptor

Yanmar Kits All Comprise:

Intake adaptor (D35BF to cylinder head)
Plugs - internal breather
Hose and clips - external breather

DIESEL ENGINE PROTECTION SHUT DOWN CONTROL UNITS & ACCESSORIES (ELECTRONIC)

CONTROL UNITS

Code	Input Voltage	To Suit
CSX-300	12v	Series 300
CSX-310	24v	Series 310
CSX-301	12v	Series 301
CSX-311	24v	Series 311

EMERGENCY STOP BUTTON ASSEMBLY (Electrical)

Code	Description	To Suit
CSX-840	12v or 24v	Series 300

MAGNETIC PICKUP SENSOR

Code	Description
4031-001	Sensor, Mag Pickup (3/4 NF x 2.3"L)
4031-001S	Sensor, Mag Pickup (3/4 NF x 1.8"L)
4031-001DL	Sensor, Mag Pickup, Dual Lead
4031-002	Sensor, Mag Pickup (5/8 NF x 3.4"L)
4031-002S	Sensor, Mag Pickup (5/8 NF x 1.9"L)
4031-003	Sensor, Magnetic Pickup (3/8 NF x 2-1/2"L)
4031-004	Sensor, Magnetic Pickup (3/4 NF x 3.90"L)
4031-005	Sensor, Magnetic Pickup - CAT
4031-M16	Sensor, Magnetic Pickup (M16 x 2.29"L)
4031-M16S	Sensor, Magnetic Pickup (M16 x 1.5"L)

AIR CONTROL (Electrical)

Pneumatic Control Valve

Code	Input Voltage
SVA-200	24v
SKA-100	12v or 24 v

Marman Adaptor Flanges

Code	Description
MAR-090	3.50"
MAR-102	4.00"

SENSORS (Electrical)

Temperature Sensor

Code	Description
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CONTROL UNITS WITH GAS DETECTOR INPUT

Code	Input Voltage	To Suit
CSX-612	12v	gas detector
CSX-624	24v	gas detector

REVGUARD SPEED SWITCHES

Code	Input Voltage	To Suit
1520-001	12 v or 24v	

REVGUARD ACTIVATION KITS

Code	Input Voltage	Relay?
AK2-E1-RM-CH	12v	Yes
AK2-E2-RM-CH	24v	Yes
AK2-E2-XM-CH	24v	No

ELECTRICAL WIRING KITS

EWK-100	Wiring Kit for Road Vehicles Only
EWK-112	Electrical Wiring Kit 12V
EWK-124	Electrical Wiring Kit 24V
EWK-512	Electrical Wiring Overspeed Kit - 12V*
EWK-524	Electrical Wiring Overspeed Kit - 24V*

* Factory Assembled.

* Contains Electrical Wiring Kit, Revguard 2, and Actuation Kit

INSTALLATION KITS

Code	General Form
IK-1500H-01	Hose and Clamps - 1.50"
IK-1750H-01	Hose and Clamps - 1.75"
IK-2000H-01	Hose and Clamps - 2.00"
IK-2500H-01	Hose and Clamps - 2.50"
IK-2750H-01	Hose and Clamps - 2.75"
IK-3000H-01	Hose and Clamps - 3.00"
IK-3500H-01	Hose and Clamps - 3.50"
IK-4000H-01	Hose and Clamps - 4.00"
IK-5000H-01	Hose and Clamps - 5.00"
IK-5500H-01	Hose and Clamps - 5.50"
IK-6000H-01	Hose and Clamps - 6.00"

DIESEL ENGINE PROTECTION

TSX-135	135°C
TSX-200	200°C

CHH-9090	Hump Hose and Clamps - 3.50"
CHB-9090	Hump Hose and Clamps - 3.50"
CHR-115102	Reducer Hose and Clamps - 4.50" x 4.00"
CHH-102102	Hump Hose and Clamps - 4.00"

Pressure Sensor

Code	Description
PSX-010	10 P.S.I

Chalwyn UK_2018_01_r1 with spares: Elec Control Sys

22/12/2017

Z-SERIES SHUT DOWN VALVES & ACCESSORIES

TMZ Intake Valves

Without Air Cleaner

Code	Valve	F/Trap
TMZ-121	D45	3/4"
TMZ-122	D51	3/4"
TMZ-123	D57	3/4"
TMZ-124	D64	3/4"
TMZ-221	D45	1.1/2"
TMZ-222	D51	1.1/2"
TMZ-223	D57	1.1/2"
TMZ-224	D64	1.1/2"
TMZ-131	D45	N/A
TMZ-132	D51	N/A
TMZ-133	D57	N/A
TMZ-134	D64	N/A
TMZ-301	D70	N/A
TMZ-302	D80	N/A

With Air Cleaner

Code	Valve	F/trap
TMZ-125	D45	3/4"
TMZ-126	D51	3/4"
TMZ-127	D57	3/4"
TMZ-128	D64	3/4"
TMZ-225	D45	1.1/2"
TMZ-226	D51	1.1/2"
TMZ-227	D57	1.1/2"
TMZ-228	D64	1.1/2"

TMZ Valve Accessories

Code	Description
RLZ-100	Remote Control Lever
CHW-100	1.0m Heavyweight Cable
CHW-150	1.5m Heavyweight Cable
CHW-200	2.0m Heavyweight Cable
CHW-300	3.0m Heavyweight Cable
CHW-400	4.0m Heavyweight Cable

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DIESEL ENGINE PROTECTION Z-SERIES SHUT DOWN VALVES & ACCESSORIES

TPZ Intake Valves

AIR PRESSURE SHUT DOWN ONLY

Without Air Cleaner

Code	Valve
TPZ-103	D45
TPZ-105	D51
TPZ-107	D57
TPZ-109	D64
TPZ-301	D70
TPZ-302	D80

With Air Cleaner

Code	Valve
TPZ-203	D45
TPZ-205	D51
TPZ-207	D57
TPZ-209	D64

AIR PRESSURE & MANUAL SHUT DOWN

Without Air Cleaner

Code	Valve
TPZ-104	D45
TPZ-106	D51
TPZ-108	D57
TPZ-110	D64
TPZ-311	D70
TPZ-312	D80

With Air Cleaner

Code	Valve
TPZ-204	D45
TPZ-206	D51
TPZ-208	D57
TPZ-210	D64

TPZ Valve Accessories

Code	Description
RTD-100	Remote Control Lever
CLD-020	0.2m long Cable (1.5mm stranded)
CLD-100	1.0m long Cable (1.5mm stranded)
CLD-150	1.5m long Cable (1.5mm stranded)
CLD-200	2.0m long Cable (1.5mm stranded)
CLD-300	3.0m long Cable (1.5mm stranded)

(other length cables on request)

Chalwyn UK_2018_01_r1 with spares: Z-Series P2

Engine Rating

Inlet Bore / Outlet OD

DIESEL ENGINE PROTECTION SPARK ARRESTORS & ACCESSORIES

Code	hp	(kW)	ins.	(mm)
	1 - 5	(1 - 4)	1	(25.4)
SAS0041A	1 - 5	(1 - 4)	1.1/8	(28.6)
SAS0041B	1 - 5	(1 - 4)	1.1/4	(31.8)
SAS0041D	1 - 5	(1 - 4)	1.3/8	(34.9)
SAS0041E				
	5 - 25	(4 - 19)	1.1/4	(31.8)
SSE0191D	5 - 25	(4 - 19)	1.3/8	(34.9)
SSE0191E	5 - 25	(4 - 19)	1.1/2	(38.1)
SSE0191F	5 - 25	(4 - 19)	1.3/4	(44.5)
SSE0191H				
	15 - 35	(11 - 26)	1.1/2	(38.1)
SSE0261F	15 - 35	(11 - 26)	1.3/4	(44.5)
SSE0261H	15 - 35	(11 - 26)	2	(50.8)
SSE0262A				
	20 - 50	(15 - 38)		(44.5)
SSE0381H	20 - 50	(15 - 38)	1.3/4	(50.8)
SSE0382A	20 - 50	(15 - 38)	2	(57.2)
SSE0382D	20 - 50	(15 - 38)	2.1/4	(63.5)
SSE0382F			2.1/2	
	30 - 70	(23 - 53)		(50.8)
SSE0532A	30 - 70	(23 - 53)	2	(57.2)
SSE0532D	30 - 70	(23 - 53)	2.1/4	(63.5)
SSE0532F			2.1/2	
	40 - 90	(30 - 68)		(50.8)
SSE0682A	40 - 90	(30 - 68)	2	(63.5)
SSE0682F	40 - 90	(30 - 68)	2.1/2	(69.9)
SSE0682H	40 - 90	(30 - 68)	2.3/4	(76.2)
SSE0683A			3	
	70 - 130	(53 - 98)		(63.5)
SSE0982F	70 - 130	(53 - 98)	2.1/2	(76.2)
SSE0983A	70 - 130	(53 - 98)	3	(88.9)
SSE0983F			3.1/2	
	90 - 165	(68 - 124)		(88.9)
SSE1243F	90 - 165	(68 - 124)	3.1/2	(101.6)
SSE1244A			4	

SAS = Carbon Steel

SSE = Stainless Steel 316

DIESEL ENGINE PROTECTION SPARK ARRESTORS & ACCESSORIES

Code	Engine Rating		ins.	(mm)
	hp	(kW)		
SSL0341D	10 - 45	(7.5 - 34)	1.1/4	(31.8)
SSL0341E	10 - 45	(7.5 - 34)	1.3/8	(34.9)
SSL0341F	10 - 45	(7.5 - 34)	1.1/2	(38.1)
SSL0341G	10 - 45	(7.5 - 34)	1.5/8	(41.2)
SSL0341H	10 - 45	(7.5 - 34)	1.3/4	(44.5)
SSL0341J	10 - 45	(7.5 - 34)	1.7/8	(48.0)
SSL0342A	10 - 45	(7.5 - 34)	2	(50.8)
SSL0601H	25 - 80	(19 - 60)		(44.4)
SSL0601J	25 - 80	(19 - 60)	1.3/4	(48.0)
SSL0602A	25 - 80	(19 - 60)	1.7/8	(50.8)
SSL0602C	25 - 80	(19 - 60)	2	(55.0)
SSL0602D	25 - 80	(19 - 60)		(57.2)
SSL0602E	25 - 80	(19 - 60)	2.1/4	(60.3)
SSL0602F	25 - 80	(19 - 60)	2.3/8	(63.5)
SSL0602H	25 - 80	(19 - 60)	2.1/2	(69.9)
			2.3/4	
SSL0651F	30 - 87	(23 - 65)		(50.8)
SSL0652A	30 - 87	(23 - 65)	1.1/2	(50.8)
SSL0652F	30 - 87	(23 - 65)	2	(63.5)
			2.1/2	
SSL0902A	50 - 120	(38 - 90)		(50.8)
SSL0902D	50 - 120	(38 - 90)	2	(57.2)
SSL0902E	50 - 120	(38 - 90)	2.1/4	(60.3)
SSL0902F	50 - 120	(38 - 90)	2.3/8	(63.5)
SSL0902H	50 - 120	(38 - 90)	2.1/2	(69.9)
SSL0903A	50 - 120	(38 - 90)	2.3/4	(76.2)
			3	
SSL09X2A	50 - 120	(38 - 90)		(50.8)
SSL09X2C	50 - 120	(38 - 90)	2	(55.0)
SSL09X2D	50 - 120	(38 - 90)	2.3/16	(57.2)
SSL09X2E	50 - 120	(38 - 90)	2.1/4	(60.3)
SSL09X2F	50 - 120	(38 - 90)	2.3/8	(63.5)
SSL09X2H	50 - 120	(38 - 90)	2.1/2	(69.9)
SSL09X3A	50 - 120	(38 - 90)	2.3/4	(76.2)
			3	
SSL15X3A	95 - 200	(71 - 150)		(76.2)
SSL15X3F	95 - 200	(71 - 150)		(88.9)
SSL15X4A	95 - 200	(71 - 150)	3	(101.6)
			3.1/2	
SSL2264A	150 - 330	(112 - 226)	4	(101.6)
SSL2264F	150 - 330	(112 - 226)	4	(114.3)
			4.1/2	

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Engine Rating

DIESEL ENGINE PROTECTION SPARK ARRESTORS & ACCESSORIES

Code	hp	(kW)	ins.	(mm)
	150 - 340	(112 - 255)	4	(101.6)
SSL2554A	150 - 340	(112 - 255)	4.1/2	(114.3)
SSL2554F	150 - 340	(112 - 255)	4.3/4	(120.6)
SSL2554H	150 - 340	(112 - 255)	5	(127.0)
SSL2555A		(185 - 313)	4	(101.6)
SSL3134A		(185 - 313)	-	(110.0)
SSL3134E		(185 - 313)	4.1/2	(114.3)
SSL3134F		(185 - 313)	5	(127.0)
SSL3135A		(185 - 313)	5.1/2	(139.7)
SSL3135F		(185 - 313)	5.3/4	(146.0)
SSL3135H		(188 - 338)	4	(101.6)
SSL3384A	250 - 450	(188 - 338)	-	(110.0)
SSL3384E	250 - 450	(188 - 338)	4.1/2	(114.3)
SSL3384F	250 - 450	(188 - 338)	5	(127.0)
SSL3385A	250 - 450	(188 - 338)	5.1/2	(139.7)
SSL3385F	250 - 450	(188 - 338)	5.3/4	(146.0)
SSL3385H	250 - 450	(188 - 338)	6	(152.4)
SSL3386A		(244 - 373)	5	(127.0)
SSL3735A	325 - 500	(244 - 373)	5.1/2	(139.7)
SSL3735F	325 - 500	(244 - 373)	6	(152.4)
SSL3736A	325 - 500	(244 - 373)	6.1/2	(165.0)
SSL3736F	325 - 500	(244 - 373)	7	(177.8)
SSL3737A		(244 - 413)	5	(127.0)
SSL4135A	325 - 550	(244 - 413)	5.1/2	(139.7)
SSL4135F	325 - 550	(244 - 413)	6	(152.4)
SSL4136A	325 - 550	(244 - 413)	6.1/2	(165.0)
SSL4136F	325 - 550	(244 - 413)	7	(177.8)
SSL4137A		(356 - 563)	6	(152.4)
SSL5636A	475 - 750	(356 - 563)	6.1/2	(165.0)
SSL5636F	475 - 750	(356 - 563)	7	(177.8)
SSL5637A	475 - 750	(356 - 563)	7	(190.5)
SSL5637F	475 - 750	(356 - 563)	7.1/2	(203.2)
SSL5638A	475 - 750	(356 - 563)	8	

NOTE : ONLY THE 'SSE', 'SSL' & 'SSN' RANGE HAVE BEEN FORMALLY APPROVED TO EN 1834-1:2000 AND ARE ATEX CERTIFIED

DIESEL ENGINE PROTECTION SPARK ARRESTORS & ACCESSORIES

Code	Engine Rating		Inlet Bore / Outlet OD	
	hp	(kW)	ins	(mm)
SSN0321F	24	32	1.1/2	(38.1)
SSN0321H	24 30	32	1.3/4 2	(44.5)
SSN0402A	30 30	40		(50.8)
SSN0402C	60 60	40	2.1/4 2	(55.0)
SSN0402D	60 60	40		(57.2)
SSN0802A	60 60	80	2.1/4 2.3/8	(50.8)
SSN0802C	60 97	80	2.1/2	(55.0)
SSN0802D	97 97	80	2.3/4 3	(57.2)
SSN0802E	134	80	3	(60.3)
SSN0802F	134	80	3.1/2 4	(63.5)
SSN0802H	134	80	3.1/2 4	(69.9)
SSN0803A	157	80	4.1/2 4	(76.2)
SSN1303A	157	80	4.1/2 4	(76.2)
SSN1303F	157	130	5 5	(88.9)
SSN1304A	230	130	5.1/2	(101.6)
SSN1803F	230	180	6 5	(88.9)
SSN1804A	280	180	5.1/2 6	(101.6)
SSN1804F	280	180	6.1/2 6	(114.3)
SSN2104A	280	210	6.1/2	(101.6)
SSN2104F	280	210	7 8	(114.3)
SSN2105A	387	210	10	(127.0)
SSN3105A	387	310		(127.0)
SSN3105F	387	310		(139.7)
SSN3106A	387	310		(152.4)
SSN3755A	560	375		(127.0)
SSN3755F	560	375		(139.7)
SSN3756A		375		(152.4)
SSN3756F		375		(165.0)
SSN5206A		520		(152.4)
SSN5206F		520		(165.0)
SSN5207A		520		(177.8)
SSN7508A		750		(203.2)
SSN75010A		750		(254.0)

NOTE: Additional sizes available

SPARK ARRESTORS & ACCESSORIES

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UNIVERSAL BAND CLAMPS (SUPPORT BRACKETS)

Code	General Form	To Suit	Size
UBC-090	Universal Clamp	SSL038 series	90mm
UBC-125	Universal Clamp	SSL065 series	125mm
UBC-150	Universal Clamp	SSL090 series	150mm
UBC-175	Universal Clamp	SSL150 series	175mm
UBC-200	Universal Clamp	SSL225 series	200mm

DIESEL ENGINE PROTECTION

UBC-235	Universal Clamp	SSL338 series	235mm
UBC-300	Universal Clamp	SSL413 series	300mm
UBC-360	Universal Clamp	SSL563 series	360mm

PIPE ADAPTORS - Stainless Steel

Code	General Form
81551L061	1.1/2" Male to 1" Female Slotted End
81551L062	1.1/2" Male to 1.1/8" Female Slotted End
81551L063	1.1/2" Male to 1.1/4" Female Slotted End
81551L064	1.1/2" Male to 1.3/8" Female Slotted End
81551L065	1.3/4" Male to 1.1/2" Female Slotted End
81551L066	2" Male to 1.5/8" Female Slotted End
81551L067	2" Male to 1.3/4" Female Straight Reducer
81551L068	2" Male to 1.7/8" Female Straight Reducer
81551L069	2.1/4" Male to 2.1/8" Female Slotted End
81551L070	2.1/2" Male to 2.3/16" Female Slotted End
81551L071	2.1/2" Male to 2.1/4" Female Slotted End
81551L072	2.1/2" Male to 2.3/8" Female Slotted End
81551L073	2.3/4" Male to 2.1/2" Female Slotted End
81551L074	3" Male to 2.3/4" Female Slotted End
81551L075	3.1/2" Male to 3.1/4" Female Slotted End
81551L076	4.1/2" Male to 4.3/8" Female Slotted End
81551L077	5" Male to 4.3/8" Female Slotted End
81551L078	5" Male to 4.1/2" Female Slotted End
81551L079	5" Male to 4.3/4" Female Slotted End
81551L080	6" Male to 5.1/2" Female Slotted End
81551L081	6" Male to 5.3/4" Female Slotted End