

APRESENTAÇÃO

Para a Asco, tão importante como o aprimoramento tecnológico de sua linha de produtos é a manutenção de peças de reposição para gerações de válvulas em processo de descontinuidade de fabricação.

Tendo em vista o vasto parque instalado de válvulas Red Hat I Ex d, esta lista complementar tem como objetivo principal, auxiliar usuários desta linha a identificar os kits de reparo além de fornecer a identificação da nova codificação de válvula que a substitui.

Esta geração de válvulas faz uso de invólucro Ex d "a prova de explosão", e foi disponibilizada em nossos catálogos até o final de 2010 (catálogo 30-B2). Após esta data, foi disponibilizado o catálogo 31B que apresenta o conceito Ex dm "proteção encapsulada + prova de explosão" com uso de inovações tecnológicas.

A prova de explosão: é um invólucro que confina a explosão não propagando-a para o meio externo. São caixas em aço carbono estampado, ou alumínio fundido com grau de proteção IP-65. Atende até o grupo IIB de gases, não possuindo versões de baixa potência.

Com tecnologia superior, o conceito de encapsulamento impede que haja o contato comburente/combustível com o meio faiscante. Um fusível térmico é adicionado, para evitar que a temperatura superficial se eleve acima do permitido para a respectiva classificação. Este conceito possui bobina moldada em epóxi sob pressão com grau de proteção IP-66 (Prefixo EF) ou IP-66W (Prefixo EV). Este conceito também está apto a trabalho em ambientes contendo gases do grupo IIC.



TABELA DE ESPECIFICAÇÃO DE KITS DE REPARO / CROSS REFERENCE

BOLETIM: 8262/8263

Referência Ex d	KIT de Reparo Ex d		Referência Ex dm
	AC	DC	
8262C040	FV-182025	FV-302059	EF8262G001
8262C041	FV-097889	FV-097890	EF8262G014
8262C042	FV-302015	---	EF8262G011
8262C043	FV-097889	FV-097890	EF8262G002
8262C044	FV-097889	---	EF8262G016
8262D045	FV-302019	FV-302069	EF8262G019
8262D200	FV-068040	FV-068039	EF8262G200
8262D046	FV-092814	FV-096898	EF8262G020
8262D047	FV-092814	---	EF8262G021
8262D048	FV-092814	FV-096898	EF8262G022
8262D049	FV-092814	---	EF8262G023
8262C233	FV-068038	FV-068039	EF8262G232
8262B203	FV-068038	FV-068039	EF8262G202
8262C054	FV-097846	FV-096898	EF8262G013
8262B209	FV-068038	FV-068039	EF8262G208
8262C100	FV-097846	FV-096898	EF8262G090
8262B211	FV-304353	FV-304353	EF8262G210
8262B213	FV-093609	FV-304353	EF8262G212
8262C066	FV-097848	FV-100085	EF8262G091
8262C067	FV-097848	FV-100085	EF8262G093
8262C068	FV-097848	FV-100085	EF8262G031
8262A266	FV-208188	FV-302077	EF8262G260
8262A267	FV-208188	FV-208189	EF8262G261
8262A268	FV-208186	FV-302081	EF8262G262
8262A269	FV-208186	FV-302081	EF8262G263
8262A270	FV-208186	FV-302081	EF8262G264
8262A271	FV-208186	FV-302081	EF8262G265
8262C087	FV-092814	FV-099266	EF8262G086
8262C062	FV-092814	FV-099266	EF8262G007
8262B221	FV-068038	FV-304351	EF8262G220
8263A233	FV-068038	FV-068039	EF8263G232
8263A201	FV-302000	FV-302063	EF8263G200
8263A207	FV-068038	FV-068039	EF8263G206

BOLETIM: 8211/8210

Referência Ex d	KIT de Reparo Ex d		Referência Ex dm
	AC	DC	
8211-138	---	FV-134268	EF8210G138
8211C093	FV-158927	FV-158928	EF8210G093
8211D001	FV-158475	FV-158934	EF8210G001
8211C006	FV-158933	---	EF8210G006
8211-112	---	FV-134268	EF8210G112
8211D002	FV-158475	FV-158934	EF8210G002
8211C094	FV-158927	FV-158928	EF8210G094
8211C007	FV-158933	---	EF8210G007
8211D095	FV-158929	FV-158930	EF8210G095
8211D009	FV-158757	FV-158936	EF8210G009
8211B026	FV-100674	FV-302377	EF8210G026
8211D003	FV-099019	FV-101299	EF8210G003
8211D004	FV-174038	FV-172881	EF8210G004
8211B078	FV-083634	FV-182446	EF8210G078
8211B027	FV-302299	---	EF8210G027
8211B054	FV-168385	FV-168501	EF8210G054
8211D022	FV-174039	FV-172882	EF8210G022
8211B082	FV-083635	FV-182448	EF8210G082
8211B056	FV-168386	FV-168503	EF8210G056
8211-100	FV-304357	FV-304362	EF8210G100
8211B051	FV-103280	FV-312379	EFA210G051
8211C033	FV-208752	FV-208760	EF8210G033
8211C034	FV-208752	FV-208760	EF8210G034
8211C035	FV-208753	FV-208761	EF8210G035
8211C013	FV-103285	FV-103285	EF8210G013
8211D014	FV-172885	FV-172885	EF8210G014
8211D032	FV-172886	FV-172886	EF8210G032
EF8210-103	FV-304364	FV-304364	EF8210G103
8211B030	FV-208751	FV-208759	EF8210G030
8211B038	FV-208751	FV-208759	EF8210G038
A211C013	FV-103285	FV-103285	EFA210G013
8211C087	FV-158927	FV-158928	EF8210G087
8211C088	FV-158927	FV-158928	EF8210G088
A211B026	FV-111208	---	EFA210G026
EF8210D089	FV-302333	FV-302424	EF8210D089
---	---	FV-134384	EF8210G189
EFX8210D089	FV-302333	---	EFX8210G089
EFX8210D089	FV-302333	---	EFX8210G189
8211D001HW	FV-302309	FV-302405	EF8210G001HW
8211C093HW	FV-302310	FV-302406	EF8210G093HW
8211D002HW	FV-302309	FV-302405	EF8210G002HW
8211C094HW	FV-302310	FV-302406	EF8210G094HW
8211D009HW	FV-302311	FV-302407	EF8210G009HW
8211D095HW	FV-302312	FV-302408	EF8210G095HW

BOLETIM: 8222/8262E

Referência Ex d	KIT de Reparo Ex d		Referência Ex dm
	AC	DC	
X8262D048E	FV-092814-E	FV-096898-E	EFX8262G022E
8222A075	FV-174236	---	EF8222G074
8222B096	FV-304040	---	EF8222G093
8222A077	FV-174236	---	EF8222G076
8222A048	FV-174287	---	EF8222G047
8222B097	FV-158959	---	EF8222G094
8222A050	FV-174287	---	EF8222G049
8222A006	FV-208259	---	EF8222G005
8222B098	FV-158959	---	EF8222G095
8222B024	FV-080498	---	EF8222G004
8222B028	FV-081605	---	---
8222A018	---	---	---
8222A019	FV-304052	---	---
8222A020	FV-186851	---	---
8222B054	FV-103288	---	---
8222B059	FV-304055	---	---

BOLETIM: 8316

Referência Ex d	KIT de Reparo Ex d		Referência Ex dm
	AC	DC	
8316A055	FV-119083	FV-119084	EF8316G054
8316A065	FV-119083	FV-119084	EF8316G064
8316D025	FV-119081	FV-119082	EF8316G024
8316B075	FV-119083	FV-119084	EF8316G074
8316E045	FV-119081	FV-119082	EF8316G044
8316E035	FV-178452	FV-178453	EF8316G034
8316A057	FV-119083	FV-314549	EF8316G056
8316A067	FV-119083	FV-119084	EF8316G066
8316D027	FV-119081	FV-119082	EF8316G026
8316B077	FV-119083	FV-119084	EF8316G076
8316E047	FV-314554	FV-314555	EF8316G046
8316E037	FV-178452	FV-302696	EF8316G036

BOLETIM: 8223

Referência Ex d	KIT de Reparo Ex d		Referência Ex dm
	AC	DC	
8223A026	FV-210794	FV-302414	EF8223G025
8223A024	FV-078964	FV-302413	EF8223G023
8223A028	FV-302318	FV-214831	EF8223G027
8223A004	FV-070938	FV-214830	EF8223G003
8223A011	FV-210792	FV-214829	EF8223G010
8223A013	FV-068158	FV-068159	EF8223G012

BOLETIM: 8320

Referência Ex d	KIT de Reparo Ex d		Referência Ex dm
	AC	DC	
8320A133	FV-094691	FV-158504	EF8320G132
8320A135	FV-168880	FV-168881	EF8320G134
8320A014	FV-094691	FV-158504	EF8320G013
8320A016	FV-094691	FV-158504	EF8320G015
8320A018	FV-097672	FV-158505	EF8320G017
8320A020	FV-094693	FV-212912	EF8320G019
8320A090	FV-097813	FV-158508	EF8320G089
8320A024	FV-302138	FV-302225	EF8320G023
8320A098	FV-302139	FV-302225	EF8320G097
8320A181	FV-186204	FV-186765	EF8320G180
8320A183	FV-186759	FV-186766	EF8320G182
8320A185	FV-186760	FV-186766	EF8320G184
8320A187	FV-186758	FV-186768	EF8320G186
8320A189	FV-186758	FV-186767	EF8320G188
8320A137	FV-094691	FV-158504	EF8320G136
8320A139	FV-168880	FV-168881	EF8320G138
8320A028	FV-094691	FV-158504	EF8320G027
8320A030	FV-094691	FV-158504	EF8320G029
8320A032	FV-097672	FV-158505	EF8320G031
8320A034	FV-094693	FV-158508	EF8320G033
8320A092	FV-097813	FV-158508	EF8320G091
8320A038	FV-302174	FV-302253	EF8320G037
8320A100	FV-097815	FV-158509	EF8320G099
8320A191	FV-186204	FV-186765	EF8320G190
8320A193	FV-186751	FV-186769	EF8320G192
8320A195	FV-186760	FV-186769	EF8320G194
8320A197	FV-186758	FV-186762	EF8320G196
8320A199	FV-186758	FV-302259	EF8320G198
8320A131	FV-168880	FV-168881	EF8320G130
8320A002	FV-097671	FV-158504	EF8320G001
8320A084	FV-094691	FV-158504	EF8320G083
8320A004	FV-097673	FV-158505	EF8320G003
8320A006	FV-097813	FV-158508	EF8320G005
8320A086	FV-302105	FV-302198	EF8320G085
8320A010	FV-302109	FV-302199	EF8320G009
8320A171	FV-186204	FV-186764	EF8320G170
8320A173	FV-186760	FV-186766	EF8320G172
8320B175	FV-208786	FV-186766	EF8320G174
8320B177	FV-208786	FV-186766	EF8320G176
8320A179	FV-186763	FV-186767	EF8320G178

BOLETIM: 8300

Referência Ex d	KIT de Reparo Ex d		Referência Ex dm
	AC	DC	
8302D025	FV-103802	FV-306723	EF8300G058
8302A081	FV-103804	FV-103805	EF8300G081
8302D026	FV-164653	---	EF8300G061
8302A082	FV-103804	FV-306724	EF8300G082
8302D004	FV-164653	---	EF8300G009
8302D027	FV-103807	FV-306725	EF8300G064
8302D031	FV-306690	FV-306726	EF8300D072
8302D029	FV-306689	FV-306725	EF8300G068
8302D033	FV-103807	FV-306726	EF8300G076
8302B403	FV-306715	FV-158419	EF8300G403
8302B404	FV-306716	FV-306744	EF8300G404

BOLETIM: 8321

Referência Ex d	KIT de Reparo Ex d		Referência Ex dm
	AC	DC	
8321A005 8321A006 8321A007 8321A008	FV-162634 FV-162634 FV-162634 FV-162634	FV-162635 FV-162635 FV-162635 FV-162635	EF8321G001 EF8321G002 EF8321G003 EF8321G004

BOLETIM: Rearme Manual

Referência Ex d	KIT de Reparo Ex d		Uso Geral
	AC	DC	
EF8025B201	FV-318643	FV-318644	8025B201
EF8025B202	FV-318657	FV-318658	8025B202
EF8025B203	FV-318657	---	8025B203
EF8025B204	FV-318655	FV-318656	8025B204
EF8025B205	FV-318673	---	8025B205
EF8025B206	FV-318673	---	8025B206
EF8025B207	---	FV-318683	8025B207
EF8025B208	FV-306841	FV-308263	8025B208
EF8025B209	FV-306841	FV-308263	8025B209
EF8025B210	---	FV-318698	8025B210
EF8025B211	FV-318621	FV-318622	8025B211
EF8025B212	FV-318631	FV-318632	8025B212
EF8025B213	FV-318639	FV-318640	8025B213
EF8025B214	FV-318646	FV-318647	8025B214
EF8025B215	---	FV-318654	8025B215
EF8025B216	FV-318653	---	8025B216
EF8025B217	FV-306848	FV-308270	8025B217
EF8025B218	FV-306849	FV-308271	8025B218
EF8025B219	FV-306849	FV-308271	8025B219
EF8025B220	FV-318684	---	8025B220
EF8025B221	FV-318699	---	8025B221
EF8025B222	FV-318699	---	8025B222
EF8025B223	FV-306853	FV-308274	8025B223
EF8025B224	FV-318623	FV-318624	8025B224
EF8025B225	FV-318633	FV-318634	8025B225
EF8025B226	FV-318641	FV-318642	8025B226
EF8015B201	FV-318645	FV-318571	8015B201
EF8015B202	FV-318665	FV-318666	8015B202
EF8015B203	---	FV-318666	8015B203
EF8015B204	FV-318663	---	8015B204
EF8015B205	FV-318606	FV-318608	8015B205
EF8015B206	FV-306816	FV-308239	8015B206
EF8015B207	FV-318458	---	8015B207
EF8015B208	---	FV-318615	8015B208
EF8015B209	---	FV-318618	8015B209
EF8015B210	FV-306819	FV-308242	8015B210
EF8015B211	FV-306820	FV-308243	8015B211
EF8015B212	FV-3186627	FV-318628	8015B212
EF8015B213	FV-318635	FV-318636	8015B213
EF8015B214	FV-318648	FV-318649	8015B214
EF8015B215	FV-318661	FV-318662	8015B215
EF8015B216	FV-318661	FV-318662	8015B216
EF8015B217	FV-318659	FV-318660	8015B217
EF8015B218	FV-318675	FV-318676	8015B218
EF8015B219	FV-306826	FV-308249	8015B219
EF8015B220	FV-306827	FV-308250	8015B220
EF8015B221	FV-306828	FV-308251	8015B221
EF8015B222	FV-306828	FV-308251	8015B222
EF8015B223	FV-318691	---	8015B223
EF8015B224	FV-318619	FV-318620	8015B224
EF8015B225	FV-318629	FV-318630	8015B225
EF8015B226	FV-318637	FV-318638	8015B226
EF8308A040	FV-304153	FV-304205	8308A040
EF8308B041	FV-314534-F	FV-314535-F	8308B041
EF8308B042	FV-314534-F	FV-314535-F	8308B042
EF8408B006	FV-304160	FV-304212	8408B006
EF8408B007	FV-304160	FV-304212	8408B007
EF8310A040	FV-304157	FV-304209	8310A040
EF8310B041	FV-314538-F	FV-314539-F	8310B041
EF8310B042	FV-314538-F	FV-314539-F	8310B042
EF8410B006	FV-304162	FV-304214	8410B006
EF8410B007	FV-304162	FV-304212	8410B007

BOLETIM: 8342

Referência Ex d	KIT de Reparo Ex d		Referência Ex dm
	AC	DC	
8342B002 8342B004 8342B021 8342B023	FV-208048 FV-208048 FV-208055 FV-208055	--- --- --- ---	EF8342G001 EF8342G003 EF8342G020 EF8342G022

BOLETIM: 8344

Referência Ex d	KIT de Reparo Ex d		Referência Ex dm
	AC	DC	
8344A071	FV-182851	FV-182853	EF8344G070
8344B004	FV-182884	FV-102840	EF8344G000
8344B005	FV-182884	FV-302738	EF8344G001
8344A073	FV-182855	FV-182857	EF8344G072
8344A075	FV-182855	FV-182857	EF8344G074
8344C039	FV-182882	FV-102846	EF8344G027
8344A077	FV-182859	FV-302741	EF8344G076
8344B041	FV-302720	FV-302742	EF8344G029
8344A079	FV-182859	FV-302741	EF8344G078
8344B043	FV-302720	FV-302742	EF8344G031
8344-045	FV-102859	FV-102860	EF8344G044
8344-081	FV-102865	FV-102866	EF8344G080
8344B062	FV-080515	---	EF8344G050
8344-083	FV-102865	FV-102866	EF8344G082
8344B066	FV-168688	FV-168697	EF8344G054
8344B068	FV-168688	FV-302750	EF8344G056

BOLETIM: Gás Combustível

Referência Ex d	KIT de Reparo Ex d		Referência Ex dm
	AC	DC	
8262C043	FV-097889	FV-097890	EF8262G002
8262C054	FV-097846	FV-096898	EF8262G013
EF8030B013	---	---	EF8030G013
EF8030A017	FV-302795	FV-302821	EF8030G017
EF8030B043	FV-164662	---	EF8030G043
EF8215B050	FV-302358	FV-302432	EF8215G050
EF8215B070	FV-302358	FV-302432	EF8215G070
EF8215B080	FV-302359	FV-302433	EF8215G080
EF8215A040	FV-302360	---	---
A211C033	FV-119011	FV-119072	EFA211C033
A211C034	FV-119011	FV-119072	EFA211C034
A211C035	FV-119011	FV-119010	EFA211C035
EF8215C053	FV-304695	FV-304699	EF8215G053
EF8215C073	FV-304695	FV-304699	EF8215G073
EF8215C083	FV-304696	FV-304700	EF8215G083
EF8044B001	FV-304248	FV-304302	---
EF8044A002	FV-304248	FV-304302	---
EF8044A003	FV-304248	FV-304302	---
EF8044A004	FV-304248	FV-304302	---
EF8044A005	FV-304249	FV-304303	---
EF8044A006	FV-304250	FV-304304	---
EF8044A007	FV-304250	FV-304304	---

BOLETIM: Vácuo

Referência Ex d	KIT de Reparo Ex d		Referência Ex dm
	AC	DC	
8262C100	FV-097846	FV-096898	EF8262G090
EF8030B013	---	---	EF8030G013
EF8030A017	FV-302795	FV-302821	EF8030G017
EF8030B043	---	---	EF8030G043
8211D095	FV-158929	FV-158930	EF8210G095
EF8215B050	FV-302358	FV-302432	EF8215G050
EF8215B070	FV-302358	FV-302432	EF8215G070
EF8215B080	FV-302359	FV-302433	EF8215G080
8211C033	FV-208752	FV-208760	EF8210G033
8211C034	FV-208752	FV-208760	EF8210G034
8211C035	FV-208753	FV-208761	EF8210G035
EF8215C053	FV-304695	FV-304699	EF8215G053
EF8215C073	FV-304695	FV-304699	EF8215G073
EF8215C083	FV-304696	FV-304700	EF8215G083

BOLETIM: Óleo Combustível Leve

Referência Ex d	KIT de Reparo Ex d		Referência Ex dm
	AC	DC	
8262C040V	FV-182025-V	---	EF8262G001V
8262C042V	FV-302015-V	---	EF8262G011V
8262C043V	FV-097889	FV-302059-V	EF8262G002V
8262D047V	FV-302019-V	---	EF8262G021V
8262D049V	FV-302019-V	---	EF8262G023V
8262B209V	FV-099656	FV-068039-V	EF8262G208V
8263A207V	FV-099656	FV-068039-V	EF8263G206V

BOLETIM: Amônia

Referência Ex d	KIT de Reparo Ex d		Referência Ex dm
	AC	DC	
EF8523C010	FV-134086	FV-134087	EF8523G010
EF8523C012	FV-134086	FV-134087	EF8523G012
EF8523C013	FV-134086	FV-134087	EF8523G013
EF8523C014	FV-134086	FV-134087	EF8523G014
EF8523C020	FV-134088	FV-134089	EF8523G020
EF8523C024	FV-134088	FV-134089	EF8523G024
EF8523C025	FV-134088	FV-134089	EF8523G025
EF8523C026	FV-134088	FV-134089	EF8523G026
EF8523C028	FV-119288	FV-134089	EF8523G028
EF8523-039	FV-111255	---	EF8523-039
EF8523-041	FV-111255	---	EF8523-041
EF8523-043	FV-111255	---	EF8523-043
EF8523-048	FV-111278	---	EF8523-048

BOLETIM: Óleo Combustível Pesado

Referência Ex d	KIT de Reparo Ex d		Referência Ex dm
	AC	DC	
A266C048L	FV-111232	---	---
A266C054L	FV-111227	---	---
A266C057L	FV-111233	---	---
A266C062L	FV-111234	---	---
A266C070L	FV-111235	---	---
A266C078L	FV-111236	---	---
A266C086L	FV-111237	---	---
A266C148L	---	---	---
A266C154L	---	---	---
A266C162L	---	---	---
A266C170L	FV-111237	---	---

BOLETIM: Criogenia

Referência Ex d	KIT de Reparo Ex d		Referência Ex dm
	AC	DC	
8263-208LT	FV-304070	FV-306487	EF8263G205LT
8263-212LT	FV-304071	FV-204651	EF8263G209LT
8263B207LT	FV-304070	FV-204650	EF8263G206LT
8263A211LT	FV-304071	FV-306489	EF8263G210LT
8222E022LT	FV-304072	FV-308560	EF8222G002LT
8222F023LT	FV-304072	FV-308560	EF8222G003LT
8211C078LT	FV-304073	FV-306384	EF8210G078LT