

Knorr-Bremse Message Implementation Guideline

ORDRSP D96A – Purchase Order Response Message

Subject:	EDI Message Implementation Guideline – ORDRSP D96A	03
		Version
Valid for:	External Suppliers of Knorr-Bremse	10.02.2020
	Divisions	Valid from
Created by:	Knorr-Bremse EDI Team	I / APM 3.2

Change History

Version	Author	Changes
01 – 10.01.2020	PR	Initial Release
02 – 16.01.2020	PR	LIN 0302 (7143) – Use BP instead of IN
03 – 10.02.2020	PR	UNB 0102 (0002) – Use syntax version 4

ORDRSP Purchase order response message

HEADER

USER REQ	REQ. DES.	MAX USE	POS NO.	SEGMENT ID	SEGMENT NAME
Must Use	C	1	10	UNB	Interchange header
Must Use	C	1	20	UNH	Message header
Must Use	M	1	30	BGM	Beginning of message
Must Use	M	35	40	DTM	Date/time/period
				LOOP ID - SG1	MAX: 10
Must Use	C	1	100	RFF	Reference

ITEMS

USER REQ	REQ. DES.	MAX USE	POS NO.	SEGMENT ID	SEGMENT NAME
				LOOP ID - SG26	MAX: 200000
Must Use	C	1	980	LIN	Line item
Recomm.	C	25	990	PIA	Additional product id
Must Use	C	10	1020	QTY	Quantity
				LOOP ID - SG51	MAX: 100
Must Use	C	1	2000	SCC	Scheduling conditions
				LOOP ID - SG52	MAX: 10
Must Use	C	1	2040	QTY	Quantity
Must Use	C	5	2050	DTM	Date/time/period

SUMMARY

USER REQ	REQ. DES.	MAX USE	POS NO.	SEGMENT ID	SEGMENT NAME
Must Use	M	1	2230	UNT	Message trailer
Must Use	C	1	2240	UNZ	Interchange trailer

UNB**UNB ° Interchange header**

User Req: MUST USE
Table/Area: 1
Loop: N/A
Loop Section: N/A
Position: 0010
Max Use: 1

Data Element Summary

User Req	Req. Des.	Ref. Des.	Data Element	Element Name	Data Type	Min Len.	Max Len.
Must Use	M		S001	Syntax identifier			
Must Use	M	UNB0101	S001/0001	Syntax identifier	A	4	4
				UNOC UN/ECE level C			
Must Use	M	UNB0102	S001/0002	Syntax version number	N	1	1
				4 Version 4			
Must Use	M	UNB02	S002	Interchange sender			
Must Use	M	UNB0201	S002/0004	Interchange sender identification	AN	1	35
				Level 1 Note: Sender Identification. To be agreed with Knorr-Bremse EDI Team			
Must Use	M	UNB03	S003	Interchange recipient			
Must Use	M	UNB0301	S003/0010	Recipient identification	AN	1	35
				Level 1 Note: Receiver Identification. To be agreed with Knorr-Bremse EDI Team			
Must Use	M	UNB04	S004	Date and time of preparation			
Must Use	M	UNB0401	S004/0017	Date	N	6	6
				Level 1 Note: Date in CCYYMMDD of the EDI transmission			
Must Use	M	UNB0402	S004/0019	Time	N	4	4
				Level 1 Note: Time in HHMM of the EDI transmission			
Must Use	M	UNB05	0020	Interchange control reference	AN	1	14
				Level 1 Note: Unique reference of the interchange. This value should be repeated in UNZ 02 0020			

Set Note: UNB+UNOC:4+SUPPLIER+KNORRBREMSE+20200131:1312+1'

UNH ° Message header

User Req: MUST USE
Table/Area: 1
Loop: N/A
Loop Section: N/A
Position: 0020
Max Use: 1

Data Element Summary

User Req	Req. Des.	Ref. Des.	Data Element	Element Name	Data Type	Min Len.	Max Len.
Must Use	M	UNH01	0062	Message reference number	AN	1	14
Level 1 Note: EDI message number							
Must Use	M	UNH02	S009	Message identifier			
Must Use	M	UNH0201	S009/0065	Message type identifier	AN	1	6
				ORDRSP	Purchase order response message		
Must Use	M	UNH0202	S009/0052	Message version number	AN	1	3
				D	Draft version/UN/EDIFACT Directory		
Must Use	M	UNH0203	S009/0054	Message release number	AN	1	3
				96A	Release 1996 - A		
Must Use	M	UNH0204	S009/0051	Controlling agency	AN	1	2
				UN	UN/CEFACT		

Set Note: UNH+1+ORDRSP:D:96A:UN'

BGM**BGM ° Beginning of message**

User Req: MUST USE
Table/Area: 1
Loop: N/A
Loop Section: N/A
Position: 0030
Max Use: 1

Data Element Summary

User Req	Req. Des.	Ref. Des.	Data Element	Element Name	Data Type	Min Len.	Max Len.
Must Use	C		C002	Document/message name			
Must Use	C	BGM0101	C002/1001	Document/message name, coded	AN	1	3
				320 Acknowledgement of order			
Must Use	C	BGM02	1004	Document/message number	AN	1	35
				Level 1 Note: Confirmation Number (= Sales Order)			
Must Use	C	BGM03	1225	Message function, coded	AN	1	3
				27 Not accepted			
				29 Accepted without amendment			
				30 Accepted, with amendment in detail section			

Set Note: BGM+320+123456+29'

DTM**DTM ° Date/time/period**

User Req: MUST USE
Table/Area: 1
Loop: N/A
Loop Section: N/A
Position: 0040
Max Use: 35

Data Element Summary

User Req	Req. Des.	Ref. Des.	Data Element	Element Name	Data Type	Min Len.	Max Len.
	M		C507	Date/time/period			
Must Use	M	DTM0101	C507/2005	Date/time/period qualifier	AN	1	3
				137 Document/message date/time			
Must Use	C	DTM0102	C507/2380	Date/time/period	AN	1	35
				Level 1 Note: Date of the Purchase Order confirmation			
Must Use	C	DTM0103	C507/2379	Date/time/period format qualifier	AN	1	3
				102 CCYYMMDD			

Set Note: DTM+137:20200131:102'

RFF**RFF ° Reference**

User Req: MUST USE
Table/Area: 1
Loop: SG1
Loop Section: RFF
Position: 0100
Max Use: 1

Data Element Summary

User Req	Req. Des.	Ref. Des.	Data Element	Element Name	Data Type	Min Len.	Max Len.
	M		C506	Reference			
Must Use	M	RFF0101	C506/1153	Reference qualifier	AN	1	3
				ON	Order number (purchase)		
Must Use	C	RFF0102	C506/1154	Reference number	AN	1	35
			Level 1 Note: Purchase Order reference, as sent in ORDERS/ORDCHG. Max 10 digits!				

Set Note: RFF+ON:4500123456'



LIN ° Line item

User Req: MUST USE
Table/Area: 2
Loop: SG26
Loop Section: LIN
Position: 0980
Max Use: 1

Data Element Summary

User Req	Req. Des.	Ref. Des.	Data Element	Element Name	Data Type	Min Len.	Max Len.
Must Use	C	LIN01	1082	Line item number	N	1	6
Level 1 Note: Knorr-Bremse's purchase order line item from ORDERS/ORDCHG							
Must Use	C	LIN02	1229	Action request/notification, coded	AN	1	3
				5	Accepted without amendment		
				6	Accepted with amendment		
				7	Not accepted		
Must Use	C	LIN03	C212	Item number identification			
Must Use	C	LIN0301	C212/7140	Item number	AN	1	35
Level 1 Note: Knorr-Bremse's material number as sent in ORDERS/ORDCHG							
Must Use	C	LIN0302	C212/7143	Item number type, coded	AN	1	3
				BP	Buyer's part number		

Set Note: LIN+00010+5+C123456/2:BP'

PIA**PIA ° Additional product id**

User Req: RECOMMENDED
Table/Area: 2
Loop: SG26
Loop Section: LIN
Position: 0990
Max Use: 25

Data Element Summary

User Req	Req. Des.	Ref. Des.	Data Element	Element Name	Data Type	Min Len.	Max Len.
Recomm.	M	PIA01	4347	Product id. function qualifier	AN	1	3
				5 Product identification			
	M	PIA02	C212	Item number identification			
Recomm.	C	PIA0201	C212/7140	Item number	AN	1	35
				Level 1 Note: Supplier material number			
Recomm.	C	PIA0202	C212/7143	Item number type, coded	AN	1	3
				SA Supplier's article number			

Set Note: PIA+5+AB1234:SA'

QTY**QTY ° Quantity**

User Req: MUST USE
Table/Area: 2
Loop: SG26
Loop Section: LIN
Position: 1020
Max Use: 10

Data Element Summary

User Req	Req. Des.	Ref. Des.	Data Element	Element Name	Data Type	Min Len.	Max Len.
	M		C186	Quantity details			
Must Use	M	QTY0101	C186/6063	Quantity qualifier	AN	1	3
				113	Quantity to be delivered		
Must Use	M	QTY0102	C186/6060	Quantity	N	1	15
				Level 1 Note: Total quantity confirmed for the position			
Must Use	C	QTY0103	C186/6411	Measure unit qualifier	AN	1	3
				Level 1 Note: ISO Unit for the position as sent in ORDERS/ORDCHG			

Set Note: QTY+113:500:PCE'

SCC**SCC ° Scheduling conditions**

User Req: MUST USE
Table/Area: 2
Loop: SG51
Loop Section: LIN;SCC
Position: 2000
Max Use: 1

Data Element Summary

User Req	Req. Des.	Ref. Des.	Data Element	Element Name	Data Type	Min Len.	Max Len.
Must Use	M	SCC01	4017	Delivery plan commitment level, coded	AN	1	3
				1	Firm		

Set Note: SCC+1'

QTY**QTY ° Quantity**

User Req: MUST USE
Table/Area: 2
Loop: SG52
Loop Section: LIN;SCC;QTY
Position: 2040
Max Use: 1

Data Element Summary

User Req	Req. Des.	Ref. Des.	Data Element	Element Name	Data Type	Min Len.	Max Len.
	M		C186	Quantity details			
Must Use	M	QTY0101	C186/6063	Quantity qualifier	AN	1	3
				113	Quantity to be delivered		
Must Use	M	QTY0102	C186/6060	Quantity	N	1	15
				Level 1 Note: Quantity to be delivered on the date			
Must Use	C	QTY0103	C186/6411	Measure unit qualifier	AN	1	3
				Level 1 Note: ISO Unit for the position as sent in ORDERS/ORDCHG			

Set Note: QTY+113:500:PCE'

DTM**DTM ° Date/time/period**

User Req: MUST USE
Table/Area: 2
Loop: SG52
Loop Section: LIN;SCC;QTY
Position: 2050
Max Use: 5

Data Element Summary

User Req	Req. Des.	Ref. Des.	Data Element	Element Name	Data Type	Min Len.	Max Len.
	M		C507	Date/time/period			
Must Use	M	DTM0101	C507/2005	Date/time/period qualifier	AN	1	3
				55	Confirmed date/time		
Must Use	C	DTM0102	C507/2380	Date/time/period	AN	1	35
				Level 1 Note: Delivery date for the quantity			
Must Use	C	DTM0103	C507/2379	Date/time/period format qualifier	AN	1	3
				102	CCYYMMDD		

Set Note: DTM+55:20200315:102'

UNT**UNT ° Message trailer**

User Req: MUST USE
Table/Area: 3
Loop: N/A
Loop Section: N/A
Position: 2230
Max Use: 1

Data Element Summary

User Req	Req. Des.	Ref. Des.	Data Element	Element Name	Data Type	Min Len.	Max Len.
Must Use	M	UNT01	0074	Number of segments in a message	N	1	6
				Level 1 Note: Total number of segments in message including UNH/UNT			
Must Use	M	UNT02	0062	Message reference number	AN	1	14
				Level 1 Note: Same as UNH 01 0062			

Set Note: UNT+11+1'

UNZ**UNZ ° Interchange trailer**

User Req: MUST USE
Table/Area: 3
Loop: N/A
Loop Section: N/A
Position: 2240
Max Use: 1

Data Element Summary

User Req	Req. Des.	Ref. Des.	Data Element	Element Name	Data Type	Min Len.	Max Len.
	M	UNZ01	0036	Interchange control count	N	1	6
Level 1 Note: Total number of messages in interchange							
	M	UNZ02	0020	Interchange control reference	AN	1	14
Level 1 Note: Same as UNB 05 0020							

Set Note: UNZ+1+1'

For any question regarding this guideline, please contact Knorr-Bremse's EDI Team:

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Knorr-Bremse Group