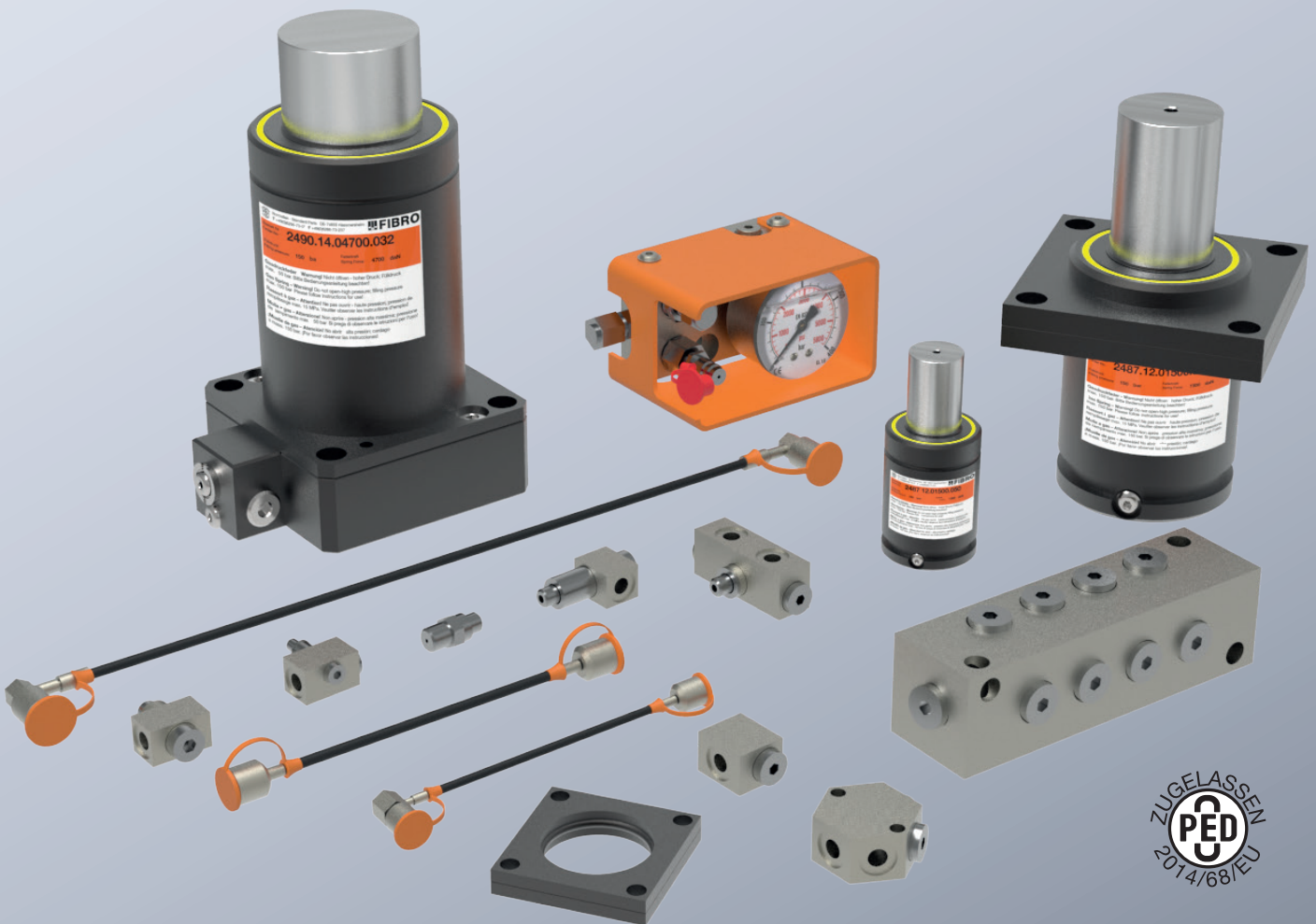


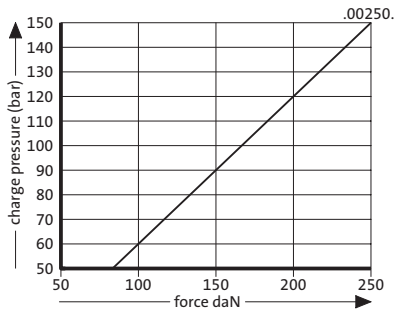
GAS SPRINGS WITH FIXING ELEMENTS TO FORD STANDARD WDX-GLOBAL



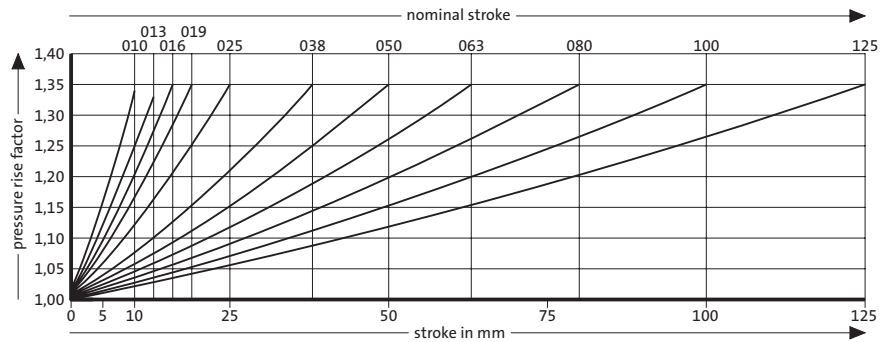
DIAGRAMS

2480.13.00250.

Initial spring force versus charge pressure



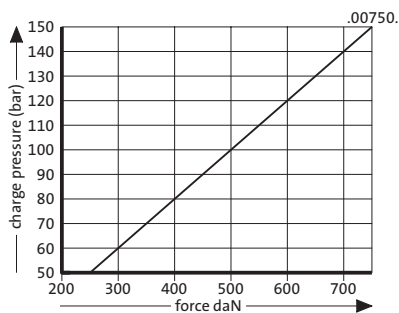
Spring force Diagram displacement versus stroke rise



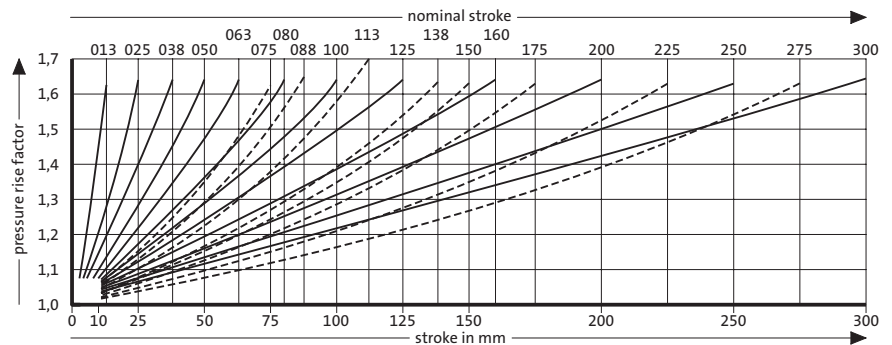
Pressure rise factor accounts for displacement but not external influences!

2480.13.00750.

Initial spring force versus charge pressure



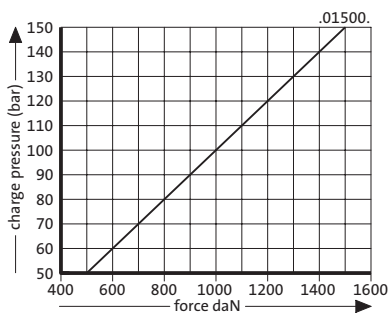
Spring force Diagram displacement versus stroke rise



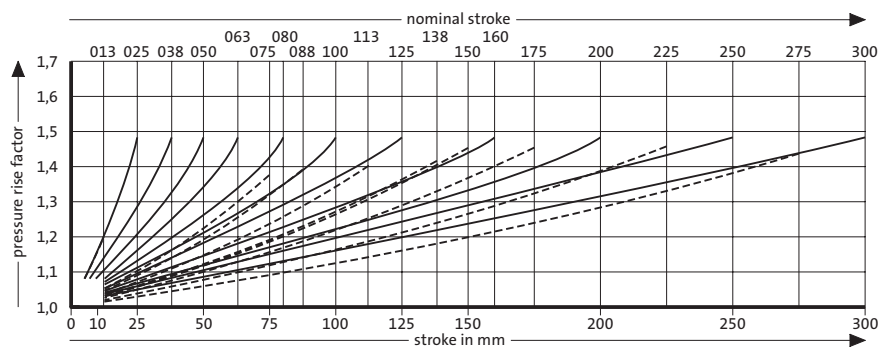
Pressure rise factor accounts for displacement but not external influences!

2480.12.01500.

Initial spring force versus charge pressure



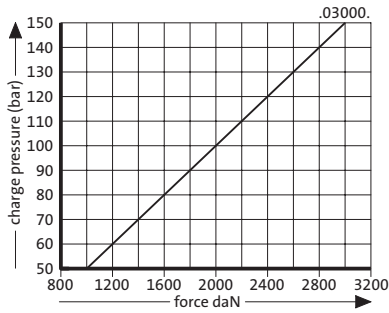
Spring force Diagram displacement versus stroke rise



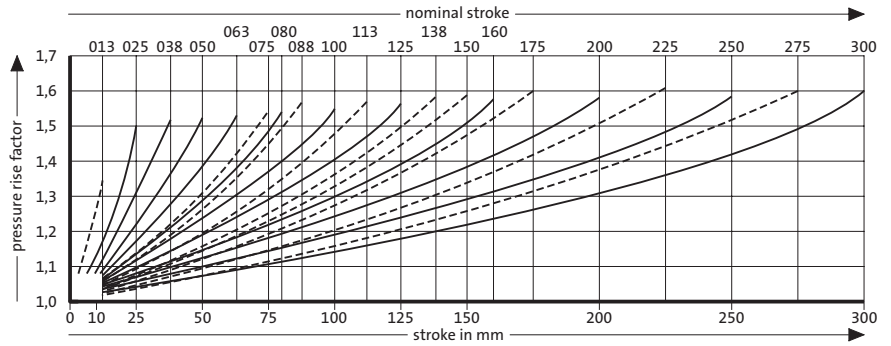
Pressure rise factor accounts for displacement but not external influences!

2480.13.03000.

Initial spring force versus charge pressure



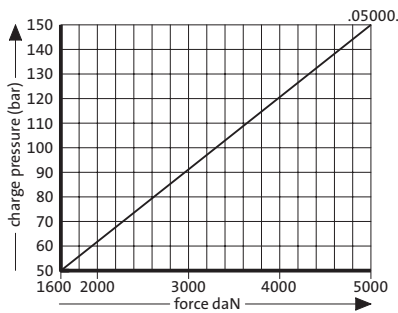
Spring force Diagram displacement versus stroke rise



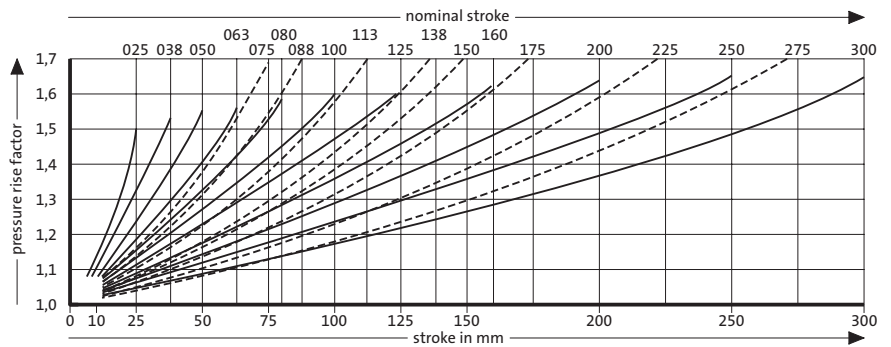
Pressure rise factor accounts for displacement but not external influences!

2480.13.05000.

Initial spring force versus charge pressure



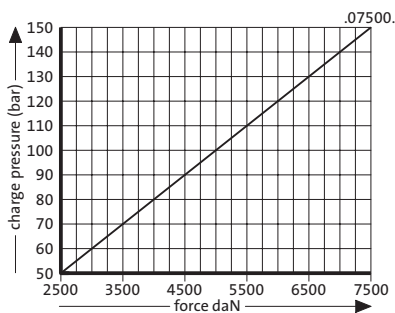
Spring force Diagram displacement versus stroke rise



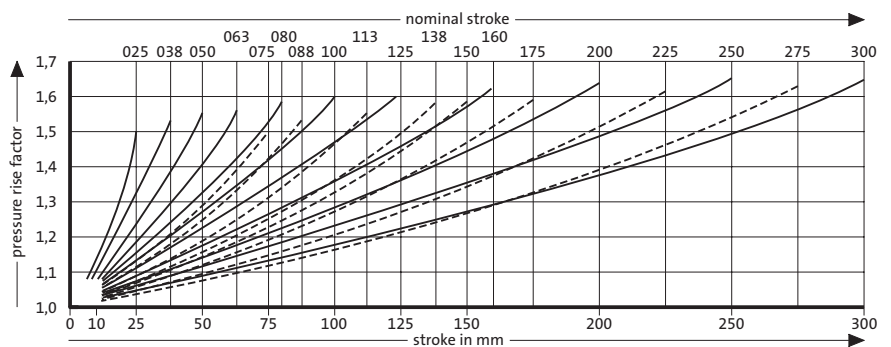
Pressure rise factor accounts for displacement but not external influences!

2480.13.07500.

Initial spring force versus charge pressure



Spring force Diagram displacement versus stroke rise



Pressure rise factor accounts for displacement but not external influences!

ORDERING-CODE

2480.13.00750.025.300 1

Execution for standalone use

(In the Ford Standard "S" is equivalent to "1")

2

**Execution for composite connection
without valve, without pressure**

(In the Ford Standard "P" is equivalent to "2")

WDX order number code

e.g.: WDX 356203-0702DM (DM=00)

Spring type without fixings

.310

WDX order number code

e.g.: WDX 356203-0702TMS (TM=10)

Spring type with collar flange 2480.057.

.311

WDX order number code

e.g.: WDX 356203-0702BMS (BM=11)

Spring type with split clamping flange 2480.022.

.312

WDX order number code

e.g.: WDX 356203-0702H1S (H1=12)

Spring type with pedestal foot clamp 2480.044.03.

3

Execution for standalone use

In the Ford Standard "S" is equivalent to "3" at Execution „H2S“

.312

WDX order number code

e.g.: WDX 356203-0702H2S (H2=12)

**Spring type with pedestal foot clamp 2480.044.03. and
flange plate 2480.048.**

Spring stroke (25 mm)

Initial spring force (750 daN)

FIBRO Gas spring, Standard

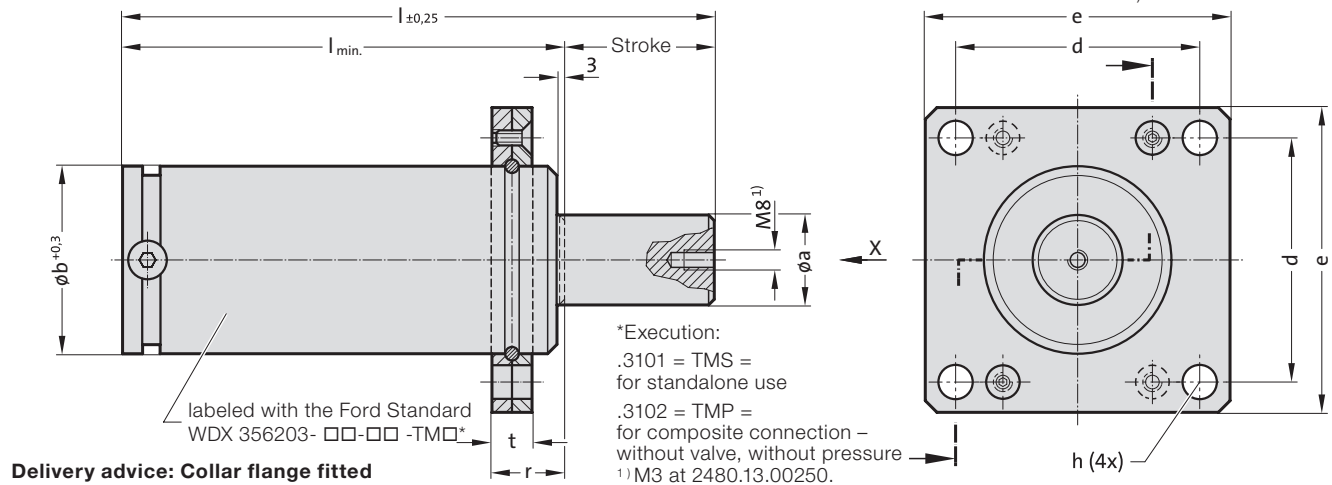
GAS SPRINGS WITH FIXING ELEMENTS TO FORD STANDARD

2480.1□. □□□□□ . □□□ . 310□ - WDX 356203- □□-□□ - TM□

View X

for gas spring 250, 750 daN up to 7500 daN

(Individual Order No: Clamping flange
2480.057.00250 - .07500)



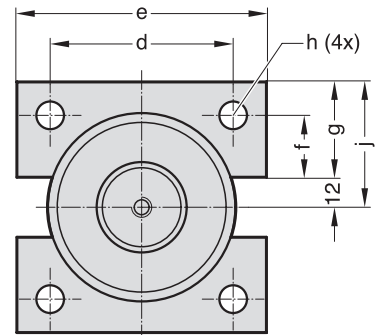
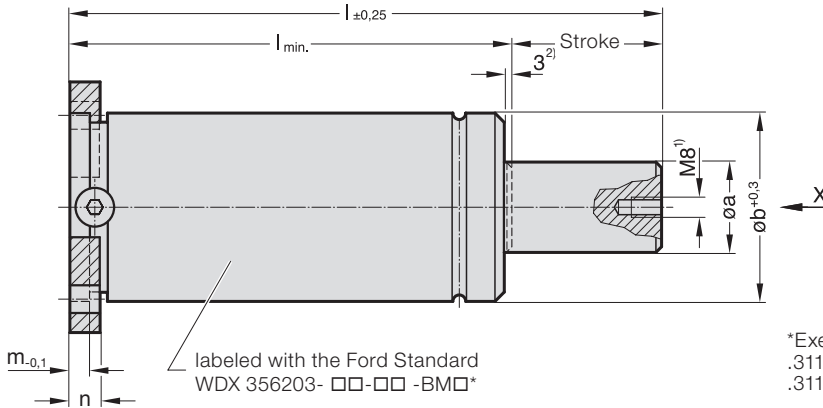
FIBRO-Order No.	Ford Standard WDX	a	b	l_{min}	l	d	e	h	r	t
2480.13.00250.016.310□*	356203-02-01-TM□*			66	82					
2480.13.00250.025.310□*	356203-02-02-TM□*			75	100					
2480.13.00250.038.310□*	356203-02-03-TM□*			88,1	126,2					
2480.13.00250.050.310□*	356203-02-05-TM□*			100	150					
2480.13.00250.063.310□*	356203-02-06-TM□*	15	38	113,5	177	40	52	φ7	17	9
2480.13.00250.080.310□*	356203-02-08-TM□*			130	210					
2480.13.00250.100.310□*	356203-02-10-TM□*			150	250					
2480.13.00250.125.310□*	356203-02-12-TM□*			175	300					
2480.13.00750.025.310□*	356203-07-02-TM□*			120	145					
2480.13.00750.038.310□*	356203-07-03-TM□*			133,1	171,2					
2480.13.00750.050.310□*	356203-07-05-TM□*			145	195					
2480.13.00750.063.310□*	356203-07-06-TM□*			158,5	222					
2480.13.00750.080.310□*	356203-07-08-TM□*	25	50	175	255	56,5	70	φ9	24	13
2480.13.00750.100.310□*	356203-07-10-TM□*			195	295					
2480.13.00750.125.310□*	356203-07-12-TM□*			220	345					
2480.13.00750.160.310□*	356203-07-16-TM□*			255	415					
2480.13.00750.200.310□*	356203-07-20-TM□*			295	495					
2480.12.01500.025.310□*	356203-15-02-TM□*			135	160					
2480.12.01500.038.310□*	356203-15-03-TM□*			148,1	186,2					
2480.12.01500.050.310□*	356203-15-05-TM□*			160	210					
2480.12.01500.063.310□*	356203-15-06-TM□*			173,5	237					
2480.12.01500.080.310□*	356203-15-08-TM□*	36	75	190	270	73,5	90	φ11	29	16
2480.12.01500.100.310□*	356203-15-10-TM□*			210	310					
2480.12.01500.125.310□*	356203-15-12-TM□*			235	360					
2480.12.01500.160.310□*	356203-15-16-TM□*			270	430					
2480.12.01500.200.310□*	356203-15-20-TM□*			310	510					
2480.13.03000.025.310□*	356203-30-02-TM□*			145	170					
2480.13.03000.038.310□*	356203-30-03-TM□*			158,1	196,2					
2480.13.03000.050.310□*	356203-30-05-TM□*			170	220					
2480.13.03000.063.310□*	356203-30-06-TM□*			183,5	247					
2480.13.03000.080.310□*	356203-30-08-TM□*	50	95	200	280	92	110	φ13	33	18
2480.13.03000.100.310□*	356203-30-10-TM□*			220	320					
2480.13.03000.125.310□*	356203-30-12-TM□*			245	370					
2480.13.03000.160.310□*	356203-30-16-TM□*			280	440					
2480.13.03000.200.310□*	356203-30-20-TM□*			320	520					
2480.13.05000.025.310□*	356203-50-02-TM□*			165	190					
2480.13.05000.038.310□*	356203-50-03-TM□*			178,1	216,2					
2480.13.05000.050.310□*	356203-50-05-TM□*			190	240					
2480.13.05000.063.310□*	356203-50-06-TM□*			203,5	267					
2480.13.05000.080.310□*	356203-50-08-TM□*	65	120	220	300	109,5	130	φ13	36	21
2480.13.05000.100.310□*	356203-50-10-TM□*			240	340					
2480.13.05000.125.310□*	356203-50-12-TM□*			265	390					
2480.13.05000.160.310□*	356203-50-16-TM□*			300	460					
2480.13.05000.200.310□*	356203-50-20-TM□*			340	540					
2480.13.07500.025.310□*	356203-75-02-TM□*			180	205					
2480.13.07500.038.310□*	356203-75-03-TM□*			193,1	231,2					
2480.13.07500.050.310□*	356203-75-05-TM□*			205	255					
2480.13.07500.063.310□*	356203-75-06-TM□*			218,5	282					
2480.13.07500.080.310□*	356203-75-08-TM□*	80	150	235	315	138	162	φ17,5	41	27
2480.13.07500.100.310□*	356203-75-10-TM□*			255	355					
2480.13.07500.125.310□*	356203-75-12-TM□*			280	405					
2480.13.07500.160.310□*	356203-75-16-TM□*			315	475					
2480.13.07500.200.310□*	356203-75-20-TM□*			355	555					

GAS SPRINGS WITH FIXING ELEMENTS TO FORD STANDARD 2480.1□. □□□□□ . □□□ .311□ – WDX 356203- □□-□□ - BM□

¹⁾ M3 at 2480.13.00250
²⁾ 2 at 2480.13.00250

View X

for gas spring
with 250, 750 daN up to 7500 daN
(Individual Order No: split clamping flange
2480.022.00250 - .07500)

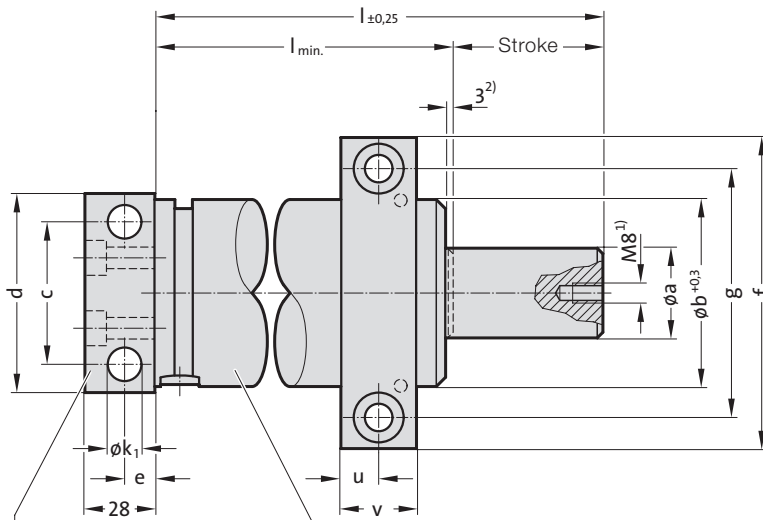


*Execution:
.3111 = BMS = for standalone use
.3112 = BMP = for composite connection – without valve,
without pressure

FIBRO-Order No.	Ford Standard WDX	a	b	l_{min}	l	d	e	f	g	h	j	m	n
2480.13.00250.016.311□*	356203-02-01-TM□*			66	82								
2480.13.00250.025.311□*	356203-02-02-TM□*			75	100								
2480.13.00250.038.311□*	356203-02-03-TM□*			88,1	126,2								
2480.13.00250.050.311□*	356203-02-05-TM□*	15	38	100	150								
2480.13.00250.063.311□*	356203-02-06-TM□*			113,5	177	40	55	14	21,5	ø7	ø27,5	4	7
2480.13.00250.080.311□*	356203-02-08-TM□*			130	210								
2480.13.00250.100.311□*	356203-02-10-TM□*			150	250								
2480.13.00250.125.311□*	356203-02-12-TM□*			175	300								
2480.13.00750.025.311□*	356203-07-02-BM□*			120	145								
2480.13.00750.038.311□*	356203-07-03-BM□*			133,1	171,2								
2480.13.00750.050.311□*	356203-07-05-BM□*			145	195								
2480.13.00750.063.311□*	356203-07-06-BM□*			158,5	222								
2480.13.00750.080.311□*	356203-07-08-BM□*	25	50	175	255	56,5	70	16,25	25,5	ø9	37,5	8	12
2480.13.00750.100.311□*	356203-07-10-BM□*			195	295								
2480.13.00750.125.311□*	356203-07-12-BM□*			220	345								
2480.13.00750.160.311□*	356203-07-16-BM□*			255	415								
2480.13.00750.200.311□*	356203-07-20-BM□*			295	495								
2480.12.01500.025.311□*	356203-15-02-BM□*			135	160								
2480.12.01500.038.311□*	356203-15-03-BM□*			148,1	186,2								
2480.12.01500.050.311□*	356203-15-05-BM□*			160	210								
2480.12.01500.063.311□*	356203-15-06-BM□*			173,5	237								
2480.12.01500.080.311□*	356203-15-08-BM□*	36	75	190	270	73,5	100	24,75	38	ø11	50	8	12
2480.12.01500.100.311□*	356203-15-10-BM□*			210	310								
2480.12.01500.125.311□*	356203-15-12-BM□*			235	360								
2480.12.01500.160.311□*	356203-15-16-BM□*			270	430								
2480.12.01500.200.311□*	356203-15-20-BM□*			310	510								
2480.13.03000.025.311□*	356203-30-02-BM□*			145	170								
2480.13.03000.038.311□*	356203-30-03-BM□*			158,1	196,2								
2480.13.03000.050.311□*	356203-30-05-BM□*			170	220								
2480.13.03000.063.311□*	356203-30-06-BM□*			183,5	247								
2480.13.03000.080.311□*	356203-30-08-BM□*	50	95	200	280	92	120	34	48	ø13	60	8	12
2480.13.03000.100.311□*	356203-30-10-BM□*			220	320								
2480.13.03000.125.311□*	356203-30-12-BM□*			245	370								
2480.13.03000.160.311□*	356203-30-16-BM□*			280	440								
2480.13.03000.200.311□*	356203-30-20-BM□*			320	520								
2480.13.05000.025.311□*	356203-50-02-BM□*			165	190								
2480.13.05000.038.311□*	356203-50-03-BM□*			178,1	216,2								
2480.13.05000.050.311□*	356203-50-05-BM□*			190	240								
2480.13.05000.063.311□*	356203-50-06-BM□*			203,5	267								
2480.13.05000.080.311□*	356203-50-08-BM□*	65	120	220	300	109,5	140	42,75	58	ø13	70	8	12
2480.13.05000.100.311□*	356203-50-10-BM□*			240	340								
2480.13.05000.125.311□*	356203-50-12-BM□*			265	390								
2480.13.05000.160.311□*	356203-50-16-BM□*			300	460								
2480.13.05000.200.311□*	356203-50-20-BM□*			340	540								
2480.13.07500.025.311□*	356203-75-02-BM□*			180	205								
2480.13.07500.038.311□*	356203-75-03-BM□*			193,1	231,2								
2480.13.07500.050.311□*	356203-75-05-BM□*			205	255								
2480.13.07500.063.311□*	356203-75-06-BM□*			218,5	282								
2480.13.07500.080.311□*	356203-75-08-BM□*	80	150	235	315	138	190	57	83	ø17,5	95	8	12
2480.13.07500.100.311□*	356203-75-10-BM□*			255	355								
2480.13.07500.125.311□*	356203-75-12-BM□*			280	405								
2480.13.07500.160.311□*	356203-75-16-BM□*			315	475								
2480.13.07500.200.311□*	356203-75-20-BM□*			355	555								

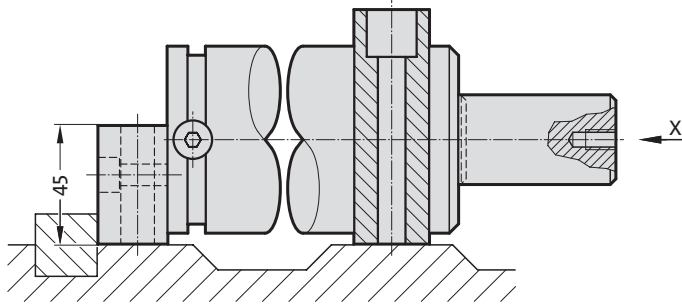
GAS SPRINGS WITH FIXING ELEMENTS TO FORD STANDARD

2480.1□. □□□□□ . □□□ . 312□ - WDX 356203- □□-□□ -H□S



(Individual Order No:
Flange
2480.048.00250.-.03000.)

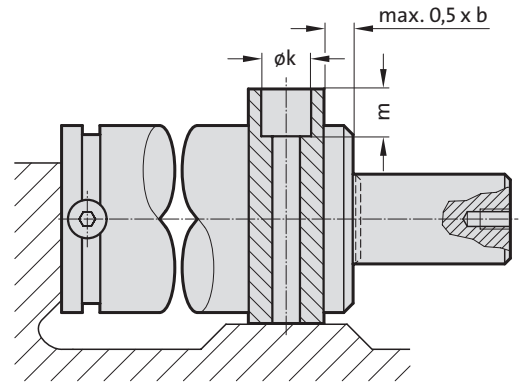
labeled with the Ford Standard
WDX 356203- □□-□□ -H□S



Mounting example: *Execution: .3123= H2S

Mounting example: *Execution: .3121= H1S

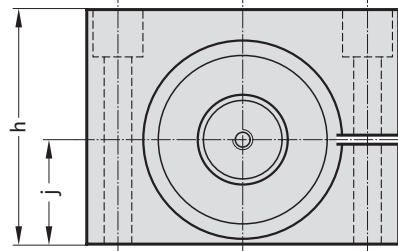
- ¹⁾ M3 at 2480.13.00250
- ²⁾ 2 at 2480.13.00250



View X

for gas spring
with 250, 750 daN up to 3000 daN

(Individual Order No:
2480.044.03.00250. - .03000.)



Delivery advice: Pedestal foot
clamp and flange plate fitted

FIBRO-Order No.	Ford Standard WDX	a	b	l_{min}	l	c	d	e	f	g	h	j	ϕk	ϕk_1	m	u	v
2480.13.00250.016.312□*	356203-02-01-H□*S			66	82												
2480.13.00250.025.312□*	356203-02-02-H□*S			75	100												
2480.13.00250.038.312□*	356203-02-03-H□*S			88,1	126,5												
2480.13.00250.050.312□*	356203-02-05-H□*S	15	38	100	150												
2480.13.00250.063.312□*	356203-02-06-H□*S			113,5	177	40	60	12	74	54	54	23,9	15	9	16	10	20
2480.13.00250.080.312□*	356203-02-08-H□*S			130	210												
2480.13.00250.100.312□*	356203-02-10-H□*S			150	250												
2480.13.00250.125.312□*	356203-02-12-H□*S			175	300												
2480.13.00750.025.312□*	356203-07-02-H□*S			120	145												
2480.13.00750.038.312□*	356203-07-03-H□*S			133,1	171,2												
2480.13.00750.050.312□*	356203-07-05-H□*S			145	195												
2480.13.00750.063.312□*	356203-07-06-H□*S			158,5	222												
2480.13.00750.080.312□*	356203-07-08-H□*S	25	50	175	255	44	65	13	90	68	70	30	18	11	25	15	30
2480.13.00750.100.312□*	356203-07-10-H□*S			195	295												
2480.13.00750.125.312□*	356203-07-12-H□*S			220	345												
2480.13.00750.160.312□*	356203-07-16-H□*S			255	415												
2480.13.00750.200.312□*	356203-07-20-H□*S			295	495												
2480.12.01500.025.312□*	356203-15-02-H□*S			135	160												
2480.12.01500.038.312□*	356203-15-03-H□*S			148,1	186,2												
2480.12.01500.050.312□*	356203-15-05-H□*S			160	210												
2480.12.01500.063.312□*	356203-15-06-H□*S			173,5	237												
2480.12.01500.080.312□*	356203-15-08-H□*S	36	75	190	270	57	80	12	125	100	94	42	20	13,5	32	15	30
2480.12.01500.100.312□*	356203-15-10-H□*S			210	310												
2480.12.01500.125.312□*	356203-15-12-H□*S			235	360												
2480.12.01500.160.312□*	356203-15-16-H□*S			270	430												
2480.12.01500.200.312□*	356203-15-20-H□*S			310	510												
2480.13.03000.025.312□*	356203-30-02-H□*S			145	170												
2480.13.03000.038.312□*	356203-30-03-H□*S			158,1	196,2												
2480.13.03000.050.312□*	356203-30-05-H□*S			170	220												
2480.13.03000.063.312□*	356203-30-06-H□*S			183,5	247												
2480.13.03000.080.312□*	356203-30-08-H□*S	50	95	200	280	70	95	15	140	115	115	52,5	20	13,5	33	15	30
2480.13.03000.100.312□*	356203-30-10-H□*S			220	320												
2480.13.03000.125.312□*	356203-30-12-H□*S			245	370												
2480.13.03000.160.312□*	356203-30-16-H□*S			280	440												
2480.13.03000.200.312□*	356203-30-20-H□*S			320	520												

*Execution:

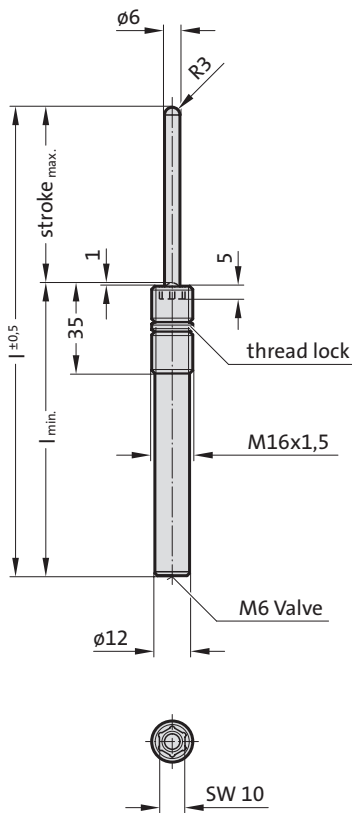
.3121= H1S = only with pedestal foot clamp 2480.044.03.
at Cast Iron bracing for standalone use

.3123= H2S = only with pedestal foot clamp 2480.044.03.
and mounting to floor 2480.048. for standalone use

GAS SPRINGS (SPRING PLUNGERS) WITH FIXING ELEMENTS TO FORD STANDARD

2479.030. □□□□□ . □□□ . 301 – WDX35-60-30□□□□□

2479.030.

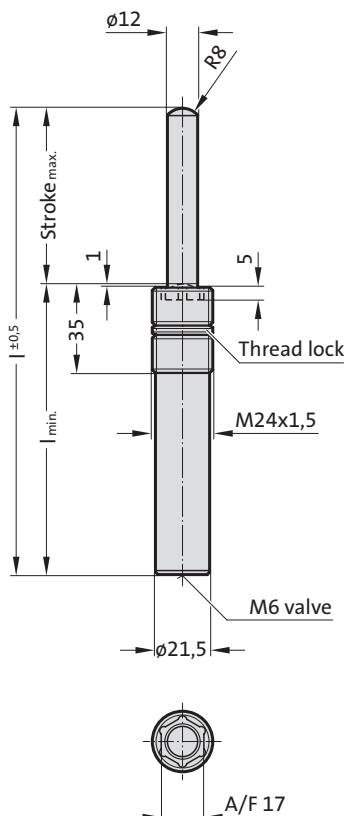


2479.030.

Initial spring force at 150 bar = 42 daN

FIBRO-Order No.	Ford Standard WDX	Stroke	l_{min}	l
2479.030.00040.020.301	WDX35-60-3016080	20	65	85
2479.030.00040.050.301	WDX35-60-3016110	50	95	145
2479.030.00040.080.301	WDX35-60-3016140	80	125	205

2479.032.



2479.032.

Initial spring force at 150 bar = 170 daN

FIBRO-Order No.	Ford Standard WDX	Stroke	l_{min}	l
2479.032.00170.020.301	WDX35-60-3024080	20	65	85
2479.032.00170.050.301	WDX35-60-3024110	50	95	145
2479.032.00170.080.301	WDX35-60-3024140	80	125	205

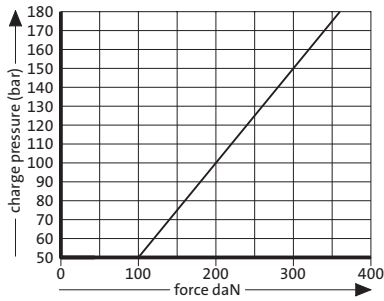
POWERLINE – GAS SPRINGS WITH INCREASED SPRING FORCE WITH FIXING ELEMENTS TO FORD STANDARD



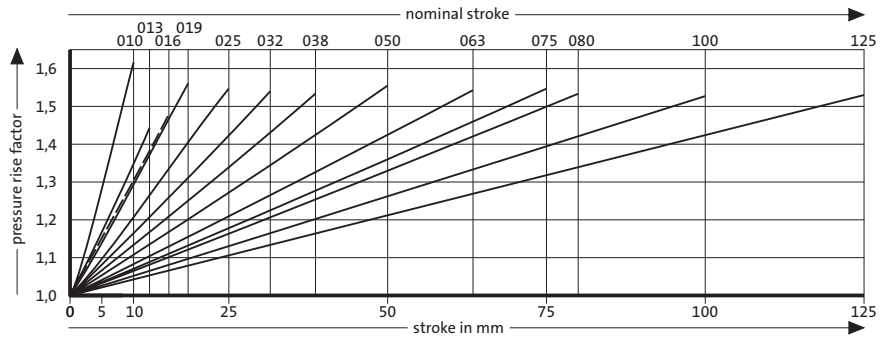
DIAGRAMS

2487.12.00350.

Initial spring force versus charge pressure



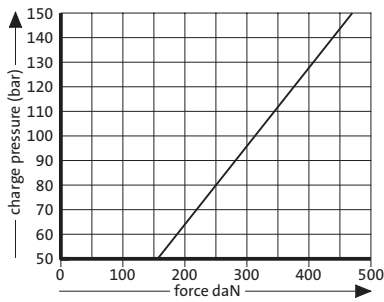
Spring force Diagram displacement versus stroke rise



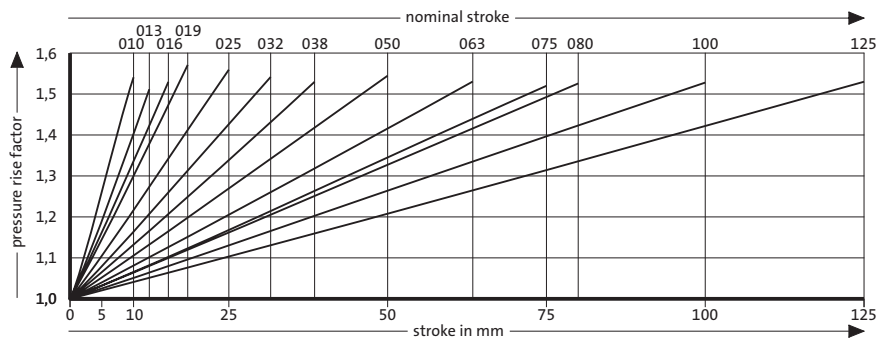
Pressure rise factor accounts for displacement but not external influences!

2487.12.00500.

Initial spring force versus charge pressure



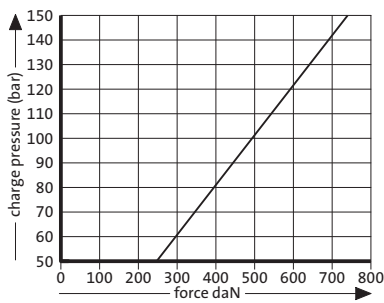
Spring force Diagram displacement versus stroke rise



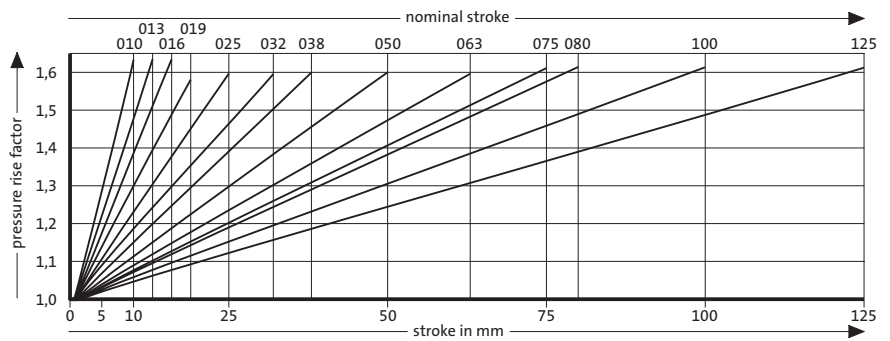
Pressure rise factor accounts for displacement but not external influences!

2487.12.00750. .1

Initial spring force versus charge pressure



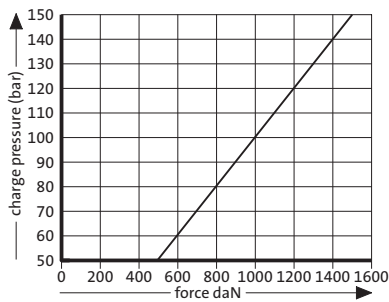
Spring force Diagram displacement versus stroke rise



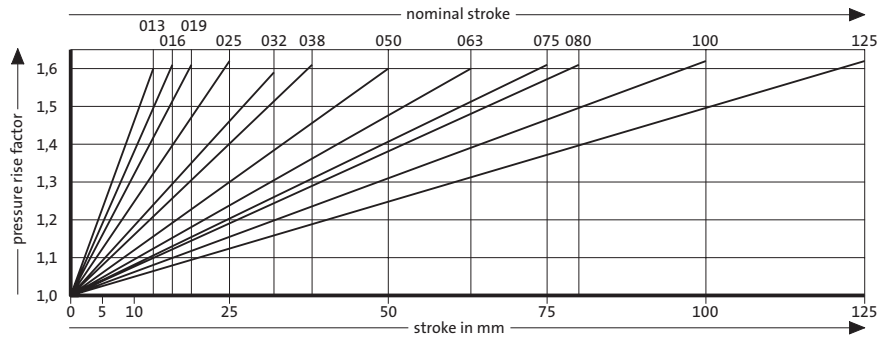
Pressure rise factor accounts for displacement but not external influences!

2487.12.01000. .1

Initial spring force versus charge pressure



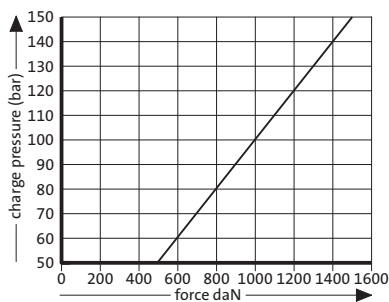
Spring force Diagram displacement versus stroke rise



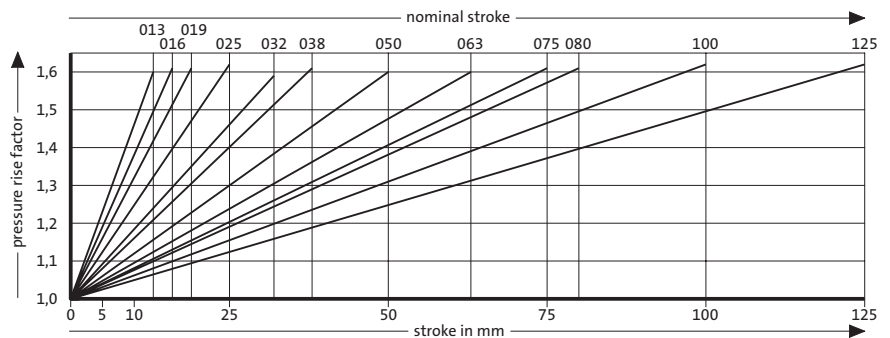
Pressure rise factor accounts for displacement but not external influences!

2487.12.01500.

Initial spring force versus charge pressure



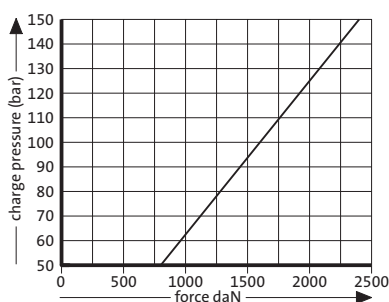
Spring force Diagram displacement versus stroke rise



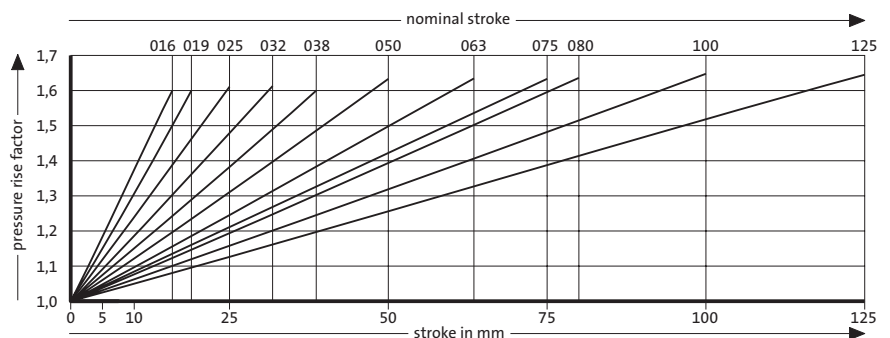
Pressure rise factor accounts for displacement but not external influences!

2487.12.02400.

Initial spring force versus charge pressure



Spring force Diagram displacement versus stroke rise

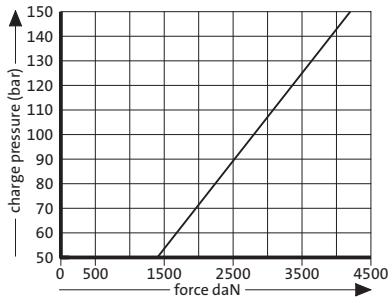


Pressure rise factor accounts for displacement but not external influences!

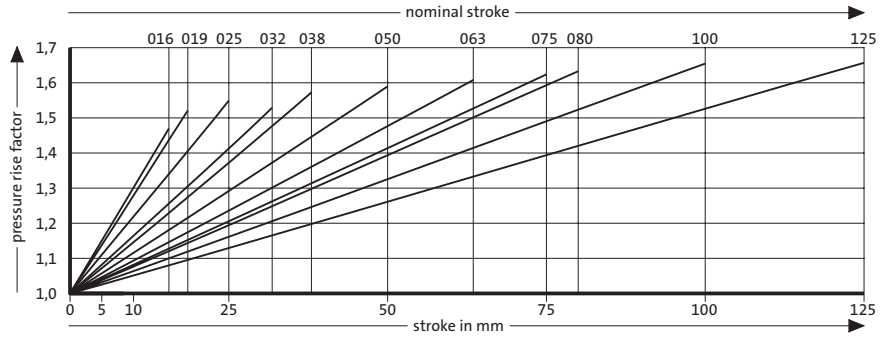
DIAGRAMS

2487.12.04200.

Initial spring force versus charge pressure



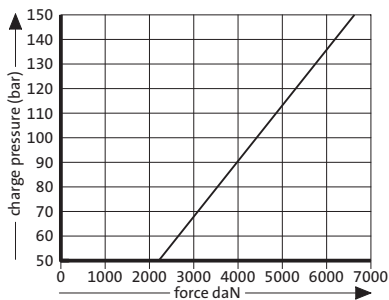
Spring force Diagram displacement versus stroke rise



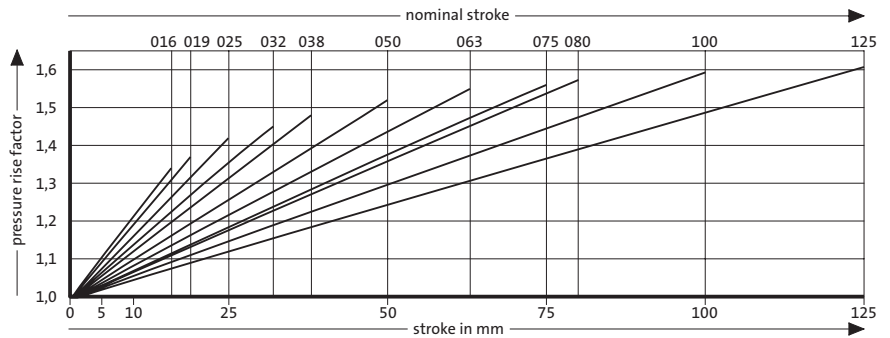
Pressure rise factor accounts for displacement but not external influences!

2487.12.06600.

Initial spring force versus charge pressure



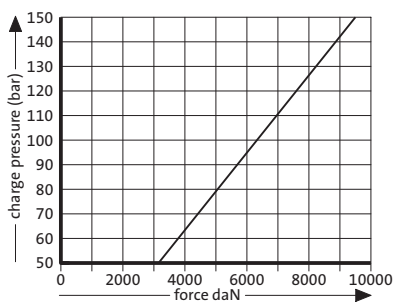
Spring force Diagram displacement versus stroke rise



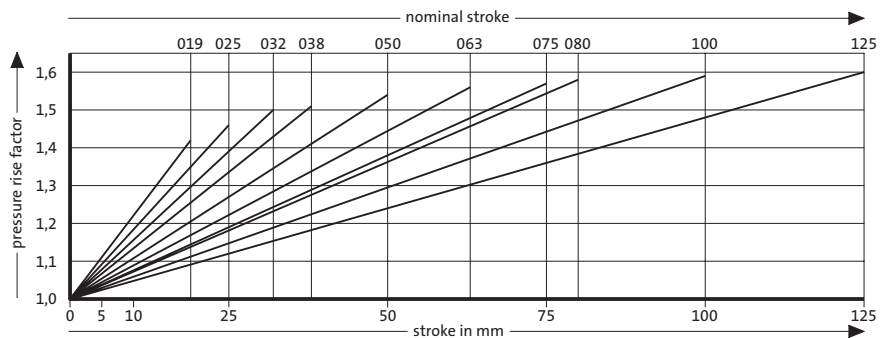
Pressure rise factor accounts for displacement but not external influences!

2487.12.09500.

Initial spring force versus charge pressure

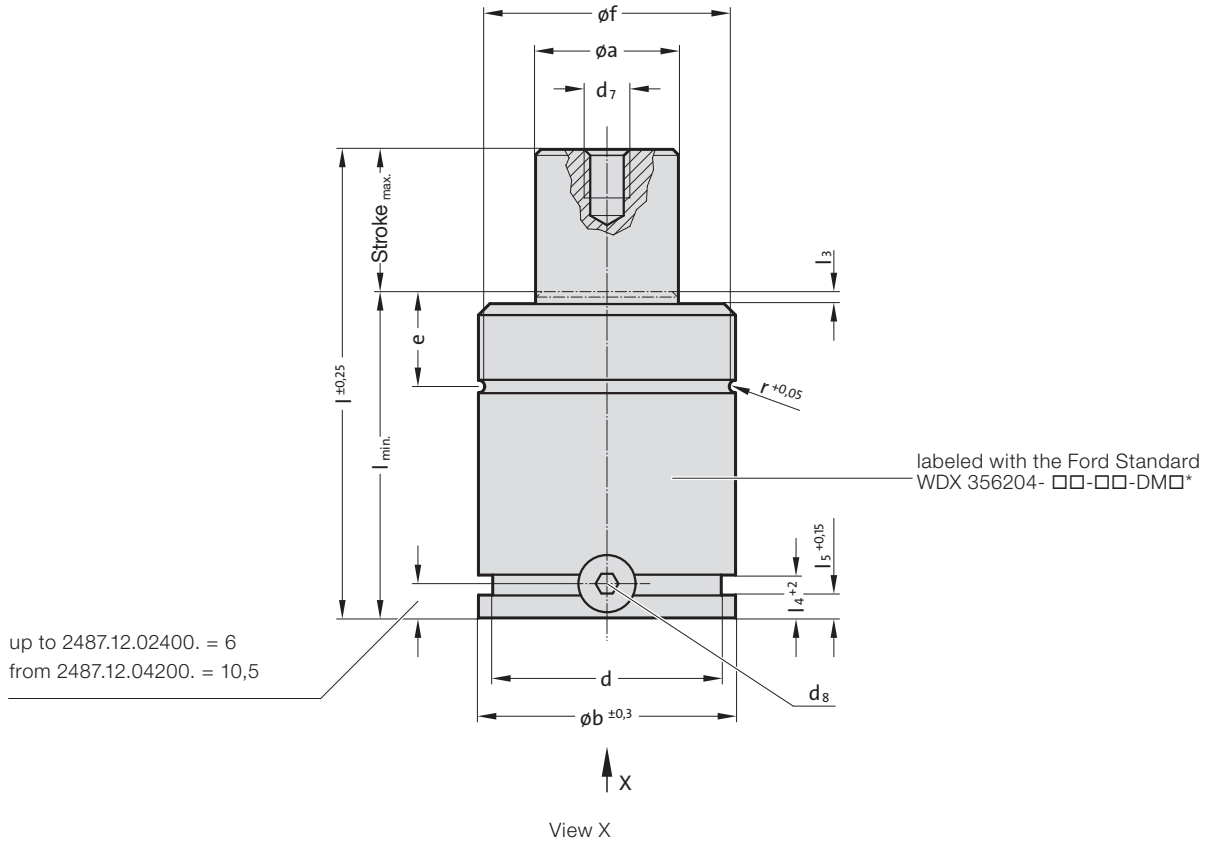


Spring force Diagram displacement versus stroke rise

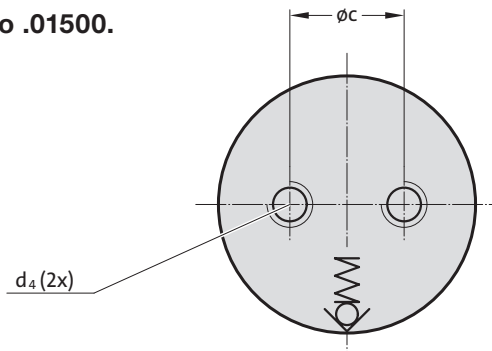


Pressure rise factor accounts for displacement but not external influences!

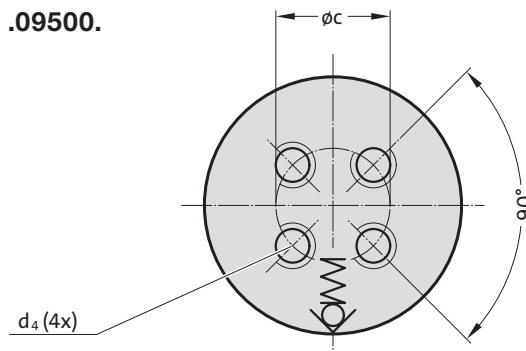
POWER LINE – GAS SPRINGS WITH INCREASED SPRING FORCE WITH FIXING ELEMENTS TO FORD STANDARD
2487.12. □□□□□ . □□□□ .400□ – WDX 356204- □□-□□-DM□



2487.12.00350. up to .01500.



2487.12.02400. up to .09500.



*Execution:

- .4001 = DM S = for standalone use
- .4002 = DM P = for composite connection – without valve, without pressure

POWER LINE – GAS SPRINGS WITH INCREASED SPRING FORCE
WITH FIXING ELEMENTS TO FORD STANDARD
2487.12. □□□□□ . □□□ .400□ – WDX 356204- □□-□□-DM□

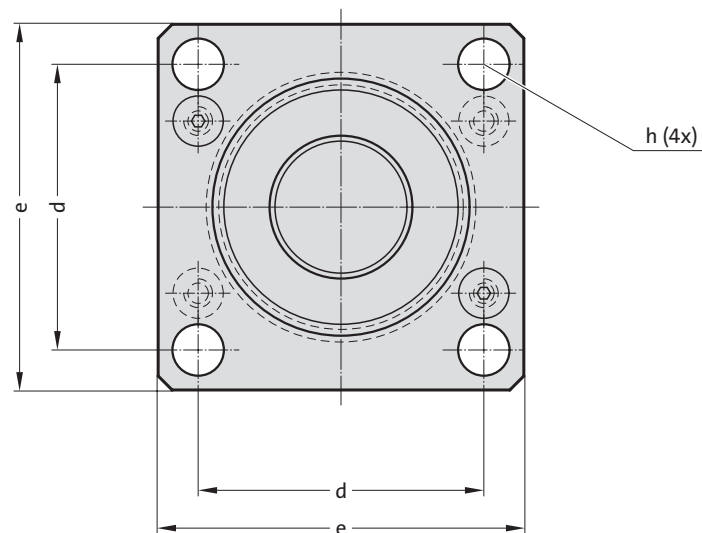
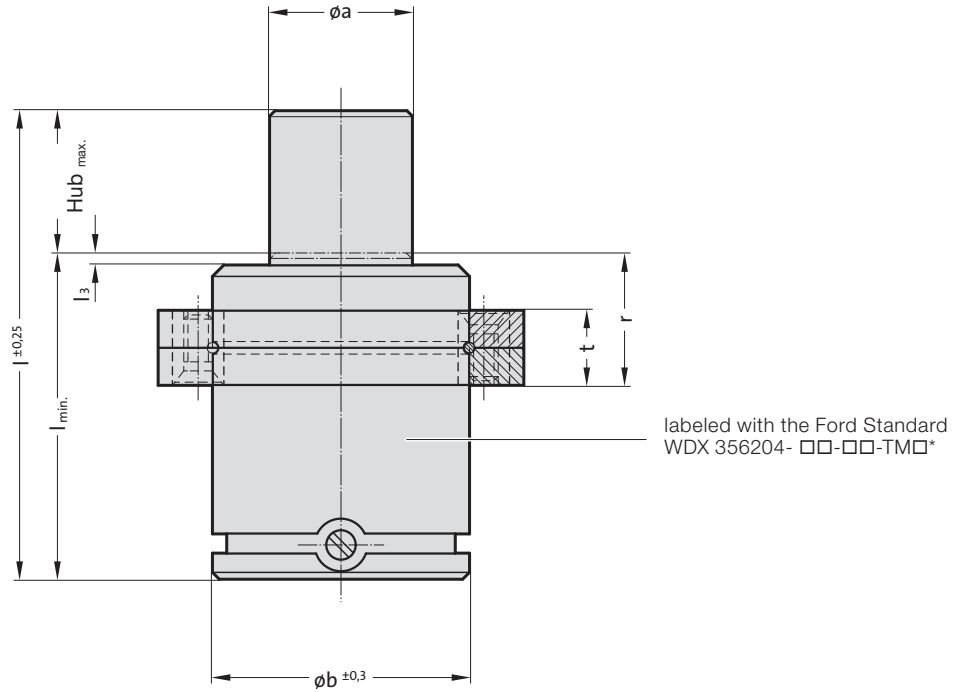
FIBRO-Order No.	Ford Standard WDX	a	b	l _{min.}	l	c	d	e	f	r	l ₃	l ₄	l ₅	d ₄	d ₇	d ₈
2487.12.00350.025.400□*	356204-03-02-DM□*	16	32	55	80	20	27	12.5	30	1.05	2	7.5	4	2x M6 x 6 deep	M6	M6
2487.12.00350.038.400□*	356204-03-03-DM□*			68	106											
2487.12.00350.050.400□*	356204-03-05-DM□*			80	130											
2487.12.00350.063.400□*	356204-03-06-DM□*			93	156											
2487.12.00350.080.400□*	356204-03-08-DM□*			110	190											
2487.12.00350.100.400□*	356204-03-10-DM□*			130	230											
2487.12.00350.125.400□*	356204-03-12-DM□*			155	280											
2487.12.00500.025.400□*	356204-05-02-DM□*	20	38	55	80	20	33	12.5	36	1.05	2	7.5	4	2x M6 x 6 deep	M6	M6
2487.12.00500.038.400□*	356204-05-03-DM□*			68	106											
2487.12.00500.050.400□*	356204-05-05-DM□*			80	130											
2487.12.00500.063.400□*	356204-05-06-DM□*			93	156											
2487.12.00500.080.400□*	356204-05-08-DM□*			110	190											
2487.12.00500.100.400□*	356204-05-10-DM□*			130	230											
2487.12.00500.125.400□*	356204-05-12-DM□*			155	280											
2487.12.00750.025.400□*	356204-07-02-DM□*	25	45	57	82	20	40	16.5	43	1.05	2	7.5	4	2x M8 x 6 deep	M6	M6
2487.12.00750.038.400□*	356204-07-03-DM□*			70	108											
2487.12.00750.050.400□*	356204-07-05-DM□*			82	132											
2487.12.00750.063.400□*	356204-07-06-DM□*			95	158											
2487.12.00750.080.400□*	356204-07-08-DM□*			112	192											
2487.12.00750.100.400□*	356204-07-10-DM□*			132	232											
2487.12.00750.125.400□*	356204-07-12-DM□*			157	282											
2487.12.01000.025.400□*	356204-10-02-DM□*	28	50	63	88	20	43	17.5	46	2.05	3	13	8	2x M8 x 6 deep	M6	M6
2487.12.01000.038.400□*	356204-10-03-DM□*			76	114											
2487.12.01000.050.400□*	356204-10-05-DM□*			88	138											
2487.12.01000.063.400□*	356204-10-06-DM□*			101	164											
2487.12.01000.080.400□*	356204-10-08-DM□*			118	198											
2487.12.01000.100.400□*	356204-10-10-DM□*			138	238											
2487.12.01000.125.400□*	356204-10-12-DM□*			163	288											
2487.12.01500.025.400□*	356204-15-02-DM□*	36	63	69	94	20	56	19.0	59	2.05	3	13	8	2x M8 x 6 deep	M6	M6
2487.12.01500.038.400□*	356204-15-03-DM□*			82	120											
2487.12.01500.050.400□*	356204-15-05-DM□*			94	144											
2487.12.01500.063.400□*	356204-15-06-DM□*			107	170											
2487.12.01500.080.400□*	356204-15-08-DM□*			124	204											
2487.12.01500.100.400□*	356204-15-10-DM□*			144	244											
2487.12.01500.125.400□*	356204-15-12-DM□*			169	294											
2487.12.02400.025.400□*	356204-24-02-DM□*	45	75	70	95	40	67	21.0	70	2.55	3	13	8	4x M8 x 6 deep	M6	M6
2487.12.02400.038.400□*	356204-24-03-DM□*			83	121											
2487.12.02400.050.400□*	356204-24-05-DM□*			95	145											
2487.12.02400.063.400□*	356204-24-06-DM□*			108	171											
2487.12.02400.080.400□*	356204-24-08-DM□*			125	205											
2487.12.02400.100.400□*	356204-24-10-DM□*			145	245											
2487.12.02400.125.400□*	356204-24-12-DM□*			170	295											
2487.12.04200.025.400□*	356204-42-02-DM□*	60	95	83	108	60	87	24.0	90	2.55	3	13	8	4x M8 x 12 deep	M8	G1/8
2487.12.04200.038.400□*	356204-42-03-DM□*			96	134											
2487.12.04200.050.400□*	356204-42-05-DM□*			108	158											
2487.12.04200.063.400□*	356204-42-06-DM□*			121	184											
2487.12.04200.080.400□*	356204-42-08-DM□*			138	218											
2487.12.04200.100.400□*	356204-42-10-DM□*			158	258											
2487.12.04200.125.400□*	356204-42-12-DM□*			183	308											
2487.12.06600.025.400□*	356204-66-02-DM□*	75	120	93	118	80	112	25.5	115	2.55	3	13	8	4x M10 x 12 deep	M8	G1/8
2487.12.06600.038.400□*	356204-66-03-DM□*			106	144											
2487.12.06600.050.400□*	356204-66-05-DM□*			118	168											
2487.12.06600.063.400□*	356204-66-06-DM□*			131	194											
2487.12.06600.080.400□*	356204-66-08-DM□*			148	228											
2487.12.06600.100.400□*	356204-66-10-DM□*			168	268											
2487.12.06600.125.400□*	356204-66-12-DM□*			193	318											
2487.12.09500.025.400□*	356204-95-02-DM□*	90	150	103	128	100	142	27.5	145	2.55	3	13	8	4x M10 x 13 deep	M8	G1/8
2487.12.09500.038.400□*	356204-95-03-DM□*			116	154											
2487.12.09500.050.400□*	356204-95-05-DM□*			128	178											
2487.12.09500.063.400□*	356204-95-06-DM□*			141	204											
2487.12.09500.080.400□*	356204-95-08-DM□*			158	238											
2487.12.09500.100.400□*	356204-95-10-DM□*			178	278											
2487.12.09500.125.400□*	356204-95-12-DM□*			203	328											

**POWER LINE – GAS SPRINGS WITH INCREASED SPRING FORCE
WITH FIXING ELEMENTS TO FORD STANDARD
2487.12. □□□□□ . □□□ .410□ – WDX 356204- □□-□□ -TM□**

View

for gas spring 350 daN up to 9500 daN

(Individual Order No: Clamping flange 2480.057.00150 - .07500)



*** Execution:**

.4101 = TM S = for standalone use

.4102 = TM P = for composite connection – without valve, without pressure

Delivery advice:

Collar flange fitted

**POWER LINE – GAS SPRINGS WITH INCREASED SPRING FORCE
WITH FIXING ELEMENTS TO FORD STANDARD
2487.12. □□□□□ . □□□ .410□ – WDX 356204- □□-□□ -TM□**

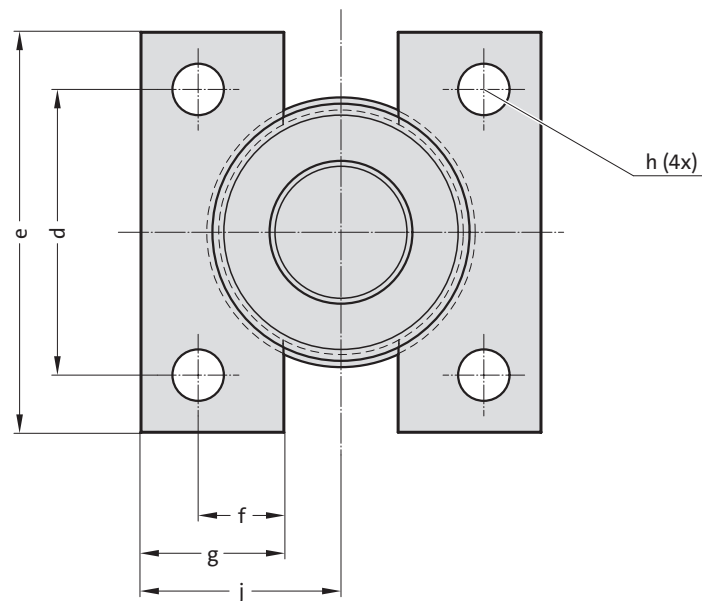
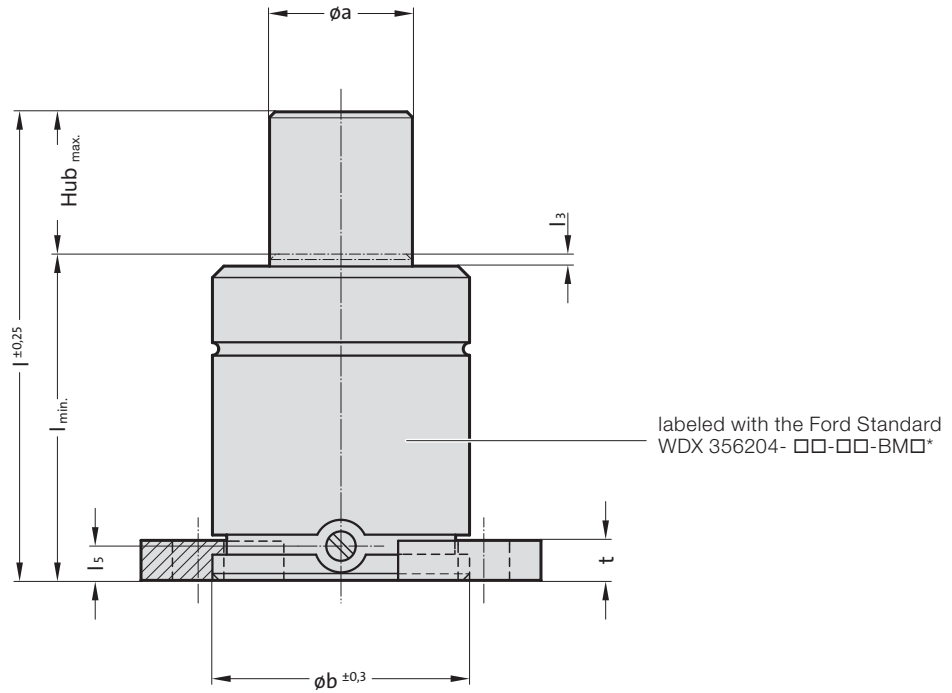
FIBRO-Order No.	Ford Standard WDX	a	b	l _{min.}	l	d	e	h	t	r	l ₃
2487.12.00350.025.410□*	356204-03-02-TM□*	16	32	55	80	35.0	45	6.6	9	17	2
2487.12.00350.038.410□*	356204-03-03-TM□*			68	106						
2487.12.00350.050.410□*	356204-03-05-TM□*			80	130						
2487.12.00350.063.410□*	356204-03-06-TM□*			93	156						
2487.12.00350.080.410□*	356204-03-08-TM□*			110	190						
2487.12.00350.100.410□*	356204-03-10-TM□*			130	230						
2487.12.00350.125.410□*	356204-03-12-TM□*			155	280						
2487.12.00500.025.410□*	356204-05-02-TM□*	20	38	55	80	40.0	52	6.6	9	17	2
2487.12.00500.038.410□*	356204-05-03-TM□*			68	106						
2487.12.00500.050.410□*	356204-05-05-TM□*			80	130						
2487.12.00500.063.410□*	356204-05-06-TM□*			93	156						
2487.12.00500.080.410□*	356204-05-08-TM□*			110	190						
2487.12.00500.100.410□*	356204-05-10-TM□*			130	230						
2487.12.00500.125.410□*	356204-05-12-TM□*			155	280						
2487.12.00750.025.410□*	356204-07-02-TM□*	25	45	57	82	50.0	64	9	13	23	2
2487.12.00750.038.410□*	356204-07-03-TM□*			70	108						
2487.12.00750.050.410□*	356204-07-05-TM□*			82	132						
2487.12.00750.063.410□*	356204-07-06-TM□*			95	158						
2487.12.00750.080.410□*	356204-07-08-TM□*			112	192						
2487.12.00750.100.410□*	356204-07-10-TM□*			132	232						
2487.12.00750.125.410□*	356204-07-12-TM□*			157	282						
2487.12.01000.025.410□*	356204-10-02-TM□*	28	50	63	88	56.5	70	9	13	24	3
2487.12.01000.038.410□*	356204-10-03-TM□*			76	114						
2487.12.01000.050.410□*	356204-10-05-TM□*			88	138						
2487.12.01000.063.410□*	356204-10-06-TM□*			101	164						
2487.12.01000.080.410□*	356204-10-08-TM□*			118	198						
2487.12.01000.100.410□*	356204-10-10-TM□*			138	238						
2487.12.01000.125.410□*	356204-10-12-TM□*			163	288						
2487.12.01500.025.410□*	356204-15-02-TM□*	36	63	69	94	64	80	11	16	27	3
2487.12.01500.038.410□*	356204-15-03-TM□*			82	120						
2487.12.01500.050.410□*	356204-15-05-TM□*			94	144						
2487.12.01500.063.410□*	356204-15-06-TM□*			107	170						
2487.12.01500.080.410□*	356204-15-08-TM□*			124	204						
2487.12.01500.100.410□*	356204-15-10-TM□*			144	244						
2487.12.01500.125.410□*	356204-15-12-TM□*			169	294						
2487.12.02400.025.410□*	356204-24-02-TM□*	45	75	70	95	73.5	90	11	16	29	3
2487.12.02400.038.410□*	356204-24-03-TM□*			83	121						
2487.12.02400.050.410□*	356204-24-05-TM□*			95	145						
2487.12.02400.063.410□*	356204-24-06-TM□*			108	171						
2487.12.02400.080.410□*	356204-24-08-TM□*			125	205						
2487.12.02400.100.410□*	356204-24-10-TM□*			145	245						
2487.12.02400.125.410□*	356204-24-12-TM□*			170	295						
2487.12.04200.025.410□*	356204-42-02-TM□*	60	95	83	108	92.0	110	13.5	18	33	3
2487.12.04200.038.410□*	356204-42-03-TM□*			96	134						
2487.12.04200.050.410□*	356204-42-05-TM□*			108	158						
2487.12.04200.063.410□*	356204-42-06-TM□*			121	184						
2487.12.04200.080.410□*	356204-42-08-TM□*			138	218						
2487.12.04200.100.410□*	356204-42-10-TM□*			158	258						
2487.12.04200.125.410□*	356204-42-12-TM□*			183	308						
2487.12.06600.025.410□*	356204-66-02-TM□*	75	120	93	118	109.5	130	13.5	21	36	3
2487.12.06600.038.410□*	356204-66-03-TM□*			106	144						
2487.12.06600.050.410□*	356204-66-05-TM□*			118	168						
2487.12.06600.063.410□*	356204-66-06-TM□*			131	194						
2487.12.06600.080.410□*	356204-66-08-TM□*			148	228						
2487.12.06600.100.410□*	356204-66-10-TM□*			168	268						
2487.12.06600.125.410□*	356204-66-12-TM□*			193	318						
2487.12.09500.025.410□*	356204-95-02-TM□*	90	150	103	128	138.0	162	17.5	27	41	3
2487.12.09500.038.410□*	356204-95-03-TM□*			116	154						
2487.12.09500.050.410□*	356204-95-05-TM□*			128	178						
2487.12.09500.063.410□*	356204-95-06-TM□*			141	204						
2487.12.09500.080.410□*	356204-95-08-TM□*			158	238						
2487.12.09500.100.410□*	356204-95-10-TM□*			178	278						
2487.12.09500.125.410□*	356204-95-12-TM□*			203	328						

**POWER LINE – GAS SPRINGS WITH INCREASED SPRING FORCE
WITH FIXING ELEMENTS TO FORD STANDARD
2487.12. □□□□□ . □□□ .411□ – WDX 356204- □□-□□ -BM□**

View

for gas spring 350 daN up to 9500 daN

(Individual Order No: split clamping flange 2480.022.00150 - .07500)



*** Execution:**

.411 = BM S = for standalone use

.4112 = BM P = for composite connection – without valve, without pressure

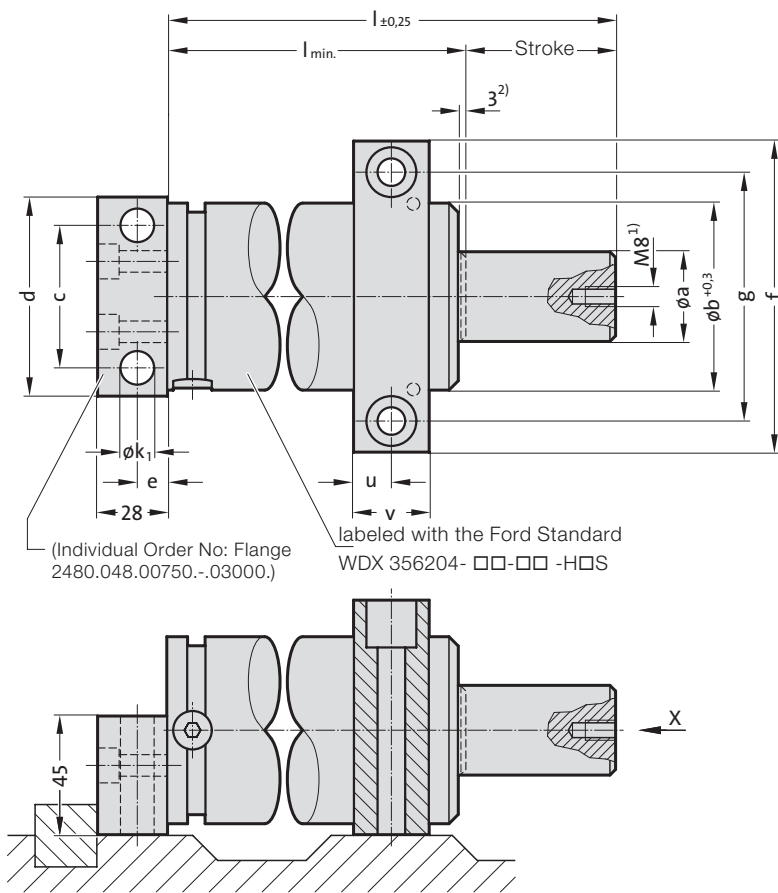
POWER LINE – GAS SPRINGS WITH INCREASED SPRING FORCE WITH FIXING ELEMENTS TO FORD STANDARD

2487.12. □□□□□ . □□□ .411□ – WDX 356204- □□-□□ -BM□

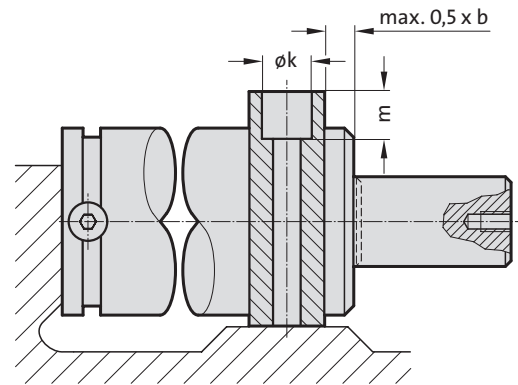
FIBRO-Order No.	Ford Standard WDX	a	b	l _{min}	l	d	e	f	g	h	j	t	l ₃	l ₅
2487.12.00350.025.411□*	356204-03-02-BM□*	16	32	55	80	35,0	50	11,50	19,0	6,6	25,0	7	2	4
2487.12.00350.038.411□*	356204-03-03-BM□*			68	106									
2487.12.00350.050.411□*	356204-03-05-BM□*			80	130									
2487.12.00350.063.411□*	356204-03-06-BM□*			93	156									
2487.12.00350.080.411□*	356204-03-08-BM□*			110	190									
2487.12.00350.100.411□*	356204-03-10-BM□*			130	230									
2487.12.00350.125.411□*	356204-03-12-BM□*			155	280									
2487.12.00500.025.411□*	356204-05-02-BM□*	20	38	55	80	40,0	55	14,00	21,5	6,6	27,5	7	2	4
2487.12.00500.038.411□*	356204-05-03-BM□*			68	106									
2487.12.00500.050.411□*	356204-05-05-BM□*			80	130									
2487.12.00500.063.411□*	356204-05-06-BM□*			93	156									
2487.12.00500.080.411□*	356204-05-08-BM□*			110	190									
2487.12.00500.100.411□*	356204-05-10-BM□*			130	230									
2487.12.00500.125.411□*	356204-05-12-BM□*			155	280									
2487.12.00750.025.411□*	356204-07-02-BM□*	25	45	57	82	50,0	70	15,00	25,0	9	35,0	7	2	4
2487.12.00750.038.411□*	356204-07-03-BM□*			70	108									
2487.12.00750.050.411□*	356204-07-05-BM□*			82	132									
2487.12.00750.063.411□*	356204-07-06-BM□*			95	158									
2487.12.00750.080.411□*	356204-07-08-BM□*			112	192									
2487.12.00750.100.411□*	356204-07-10-BM□*			132	232									
2487.12.00750.125.411□*	356204-07-12-BM□*			157	282									
2487.12.01000.025.411□*	356204-10-02-BM□*	28	50	63	88	56,5	75	16,25	25,5	9	37,5	12	3	8
2487.12.01000.038.411□*	356204-10-03-BM□*			76	114									
2487.12.01000.050.411□*	356204-10-05-BM□*			88	138									
2487.12.01000.063.411□*	356204-10-06-BM□*			101	164									
2487.12.01000.080.411□*	356204-10-08-BM□*			118	198									
2487.12.01000.100.411□*	356204-10-10-BM□*			138	238									
2487.12.01000.125.411□*	356204-10-12-BM□*			163	288									
2487.12.01500.025.411□*	356204-15-02-BM□*	36	63	69	94	73,5	100	24,75	38,0	11	50,0	12	3	8
2487.12.01500.038.411□*	356204-15-03-BM□*			82	120									
2487.12.01500.050.411□*	356204-15-05-BM□*			94	144									
2487.12.01500.063.411□*	356204-15-06-BM□*			107	170									
2487.12.01500.080.411□*	356204-15-08-BM□*			124	204									
2487.12.01500.100.411□*	356204-15-10-BM□*			144	244									
2487.12.01500.125.411□*	356204-15-12-BM□*			169	294									
2487.12.02400.025.411□*	356204-24-02-BM□*	45	75	70	95	73,5	100	24,75	38,0	11	50,0	12	3	8
2487.12.02400.038.411□*	356204-24-03-BM□*			83	121									
2487.12.02400.050.411□*	356204-24-05-BM□*			95	145									
2487.12.02400.063.411□*	356204-24-06-BM□*			108	171									
2487.12.02400.080.411□*	356204-24-08-BM□*			125	205									
2487.12.02400.100.411□*	356204-24-10-BM□*			145	245									
2487.12.02400.125.411□*	356204-24-12-BM□*			170	295									
2487.12.04200.025.411□*	356204-42-02-BM□*	60	95	83	108	92,0	120	34,00	48,0	13,5	60,0	12	3	8
2487.12.04200.038.411□*	356204-42-03-BM□*			96	134									
2487.12.04200.050.411□*	356204-42-05-BM□*			108	158									
2487.12.04200.063.411□*	356204-42-06-BM□*			121	184									
2487.12.04200.080.411□*	356204-42-08-BM□*			138	218									
2487.12.04200.100.411□*	356204-42-10-BM□*			158	258									
2487.12.04200.125.411□*	356204-42-12-BM□*			183	308									
2487.12.06600.025.411□*	356204-66-02-BM□*	75	120	93	118	109,5	140	42,75	58,0	13,5	70,0	12	3	8
2487.12.06600.038.411□*	356204-66-03-BM□*			106	144									
2487.12.06600.050.411□*	356204-66-05-BM□*			118	168									
2487.12.06600.063.411□*	356204-66-06-BM□*			131	194									
2487.12.06600.080.411□*	356204-66-08-BM□*			148	228									
2487.12.06600.100.411□*	356204-66-10-BM□*			168	268									
2487.12.06600.125.411□*	356204-66-12-BM□*			193	318									
2487.12.09500.025.411□*	356204-95-02-BM□*	90	150	103	128	138,0	190	57,00	83,0	17,5	95,0	12	3	8
2487.12.09500.038.411□*	356204-95-03-BM□*			116	154									
2487.12.09500.050.411□*	356204-95-05-BM□*			128	178									
2487.12.09500.063.411□*	356204-95-06-BM□*			141	204									
2487.12.09500.080.411□*	356204-95-08-BM□*			158	238									
2487.12.09500.100.411□*	356204-95-10-BM□*			178	278									
2487.12.09500.125.411□*	356204-95-12-BM□*			203	328									

POWER LINE – GAS SPRINGS WITH INCREASED SPRING FORCE WITH FIXING ELEMENTS TO FORD STANDARD

2487.12. □□□□□ . □□□□ . 412□ – WDX 356204- □□-□□ -H□S



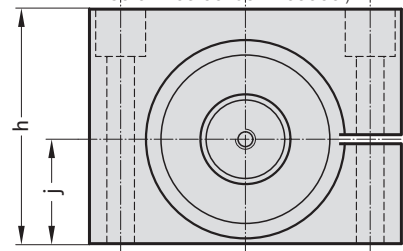
Mounting example: *Execution: .4121 = H1S



View X

for gas spring
750 daN up to 3000 daN

(Individual Order No:
2480.044.03.00750. - .03000.)



Delivery advice:

Pedestal foot clamp and flange plate fitted

Mounting example: *Execution: .4123 = H2S

FIBRO-Order No.	Ford Standard WDX	a	b	l_{min}	l	c	d	e	f	g	h	j	ϕk	ϕk_1	m	r
2487.12.01000.025.412□*	356204-10-02-H□*S			63	88											
2487.12.01000.038.412□*	356204-10-03-H□*S			76	114											
2487.12.01000.050.412□*	356204-10-05-H□*S			88	138											
2487.12.01000.063.412□*	356204-10-06-H□*S	28	50	101	164	44	65	13	90	68	70	30	18	11	25	43
2487.12.01000.080.412□*	356204-10-08-H□*S			118	198											
2487.12.01000.100.412□*	356204-10-10-H□*S			138	238											
2487.12.01000.125.412□*	356204-10-12-H□*S			163	288											
2487.12.02400.025.412□*	356204-24-02-H□*S			70	95											
2487.12.02400.038.412□*	356204-24-03-H□*S			83	121											
2487.12.02400.050.412□*	356204-24-05-H□*S			95	145											
2487.12.02400.063.412□*	356204-24-06-H□*S	45	75	108	171	57	80	12	125	100	94	42	20	13,5	32	45
2487.12.02400.080.412□*	356204-24-08-H□*S			125	205											
2487.12.02400.100.412□*	356204-24-10-H□*S			145	245											
2487.12.02400.125.412□*	356204-24-12-H□*S			170	295											
2487.12.04200.025.412□*	356204-42-02-H□*S			83	108											
2487.12.04200.038.412□*	356204-42-03-H□*S			96	134											
2487.12.04200.050.412□*	356204-42-05-H□*S			108	158											
2487.12.04200.063.412□*	356204-42-06-H□*S	60	95	121	184	70	95	15	140	115	115	52,5	20	13,5	33	48
2487.12.04200.080.412□*	356204-42-08-H□*S			138	218											
2487.12.04200.100.412□*	356204-42-10-H□*S			158	258											
2487.12.04200.125.412□*	356204-42-12-H□*S			183	308											

*Execution:

- .4121= H1S = only with pedestal foot clamp 2480.044.03.
at Cast Iron bracing
for standalone use
- .4123= H2S = only with pedestal foot clamp 2480.044.03.
and mounting to floor 2480.048.
for standalone use

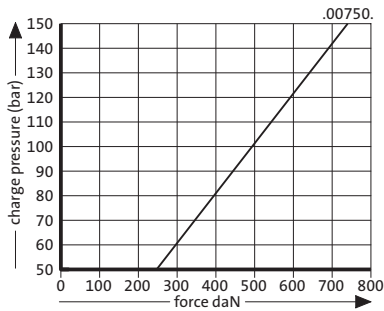
GAS SPRINGS COMPACT WITH FIXING ELEMENTS TO FORD STANDARD



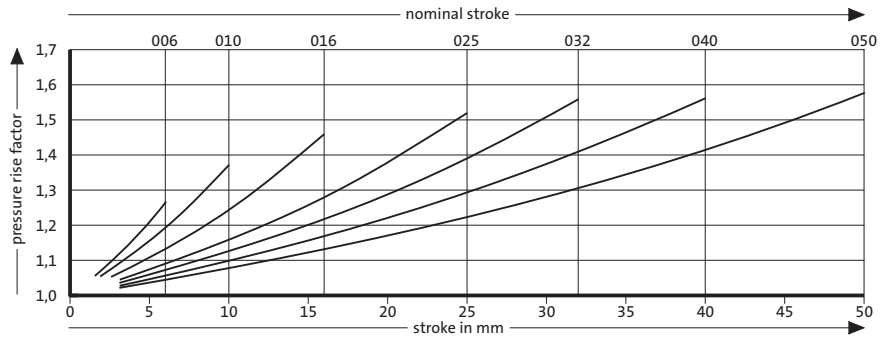
DIAGRAMS

2490.14.00750.

Initial spring force versus charge pressure



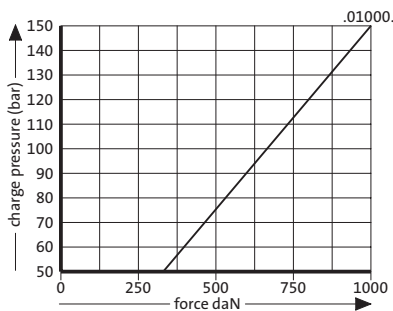
Spring force Diagram displacement versus stroke rise



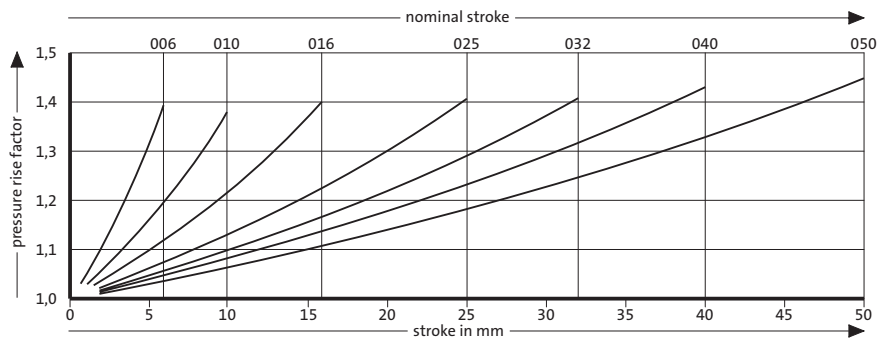
Pressure rise factor accounts for displacement but not external influences!

2490.14.01000.

Initial spring force versus charge pressure



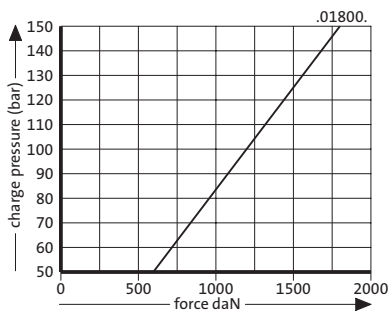
Spring force Diagram displacement versus stroke rise



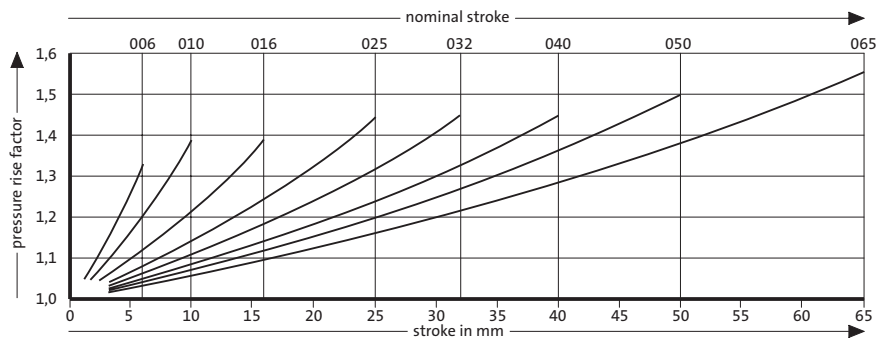
Pressure rise factor accounts for displacement but not external influences!

2490.14.01800.

Initial spring force versus charge pressure



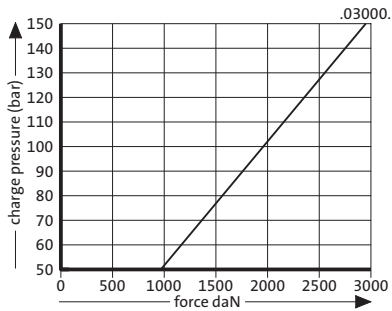
Spring force Diagram displacement versus stroke rise



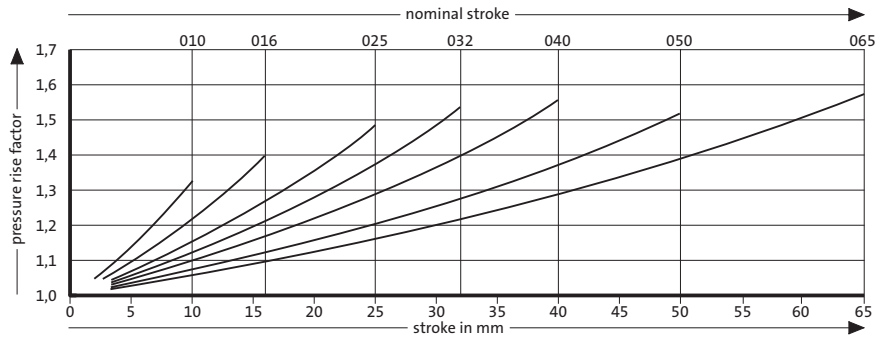
Pressure rise factor accounts for displacement but not external influences!

2490.14.03000.

Initial spring force versus charge pressure



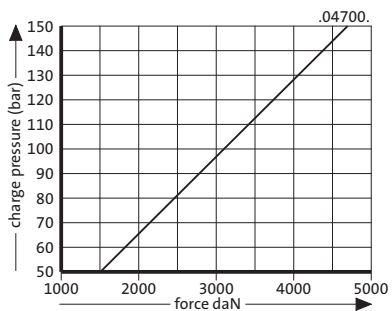
Spring force Diagram displacement versus stroke rise



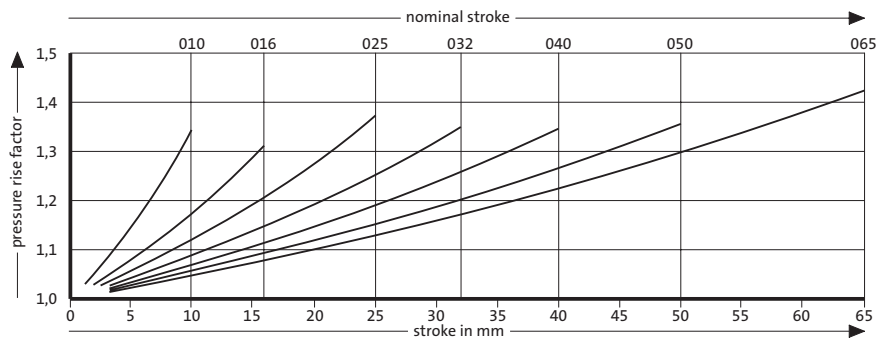
Pressure rise factor accounts for displacement but not external influences!

2490.14.04700.

Initial spring force versus charge pressure



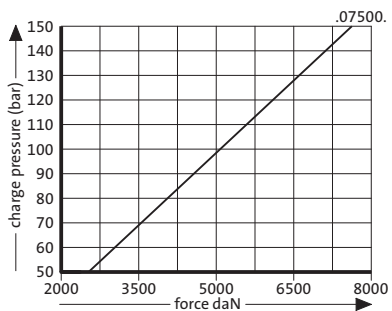
Spring force Diagram displacement versus stroke rise



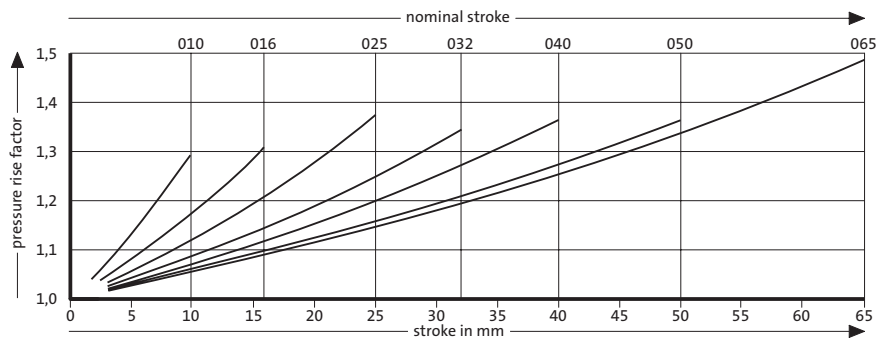
Pressure rise factor accounts for displacement but not external influences!

2490.14.07500.

Initial spring force versus charge pressure



Spring force Diagram displacement versus stroke rise

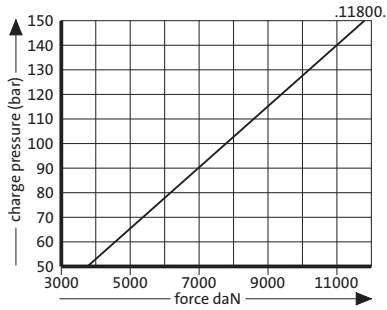


Pressure rise factor accounts for displacement but not external influences!

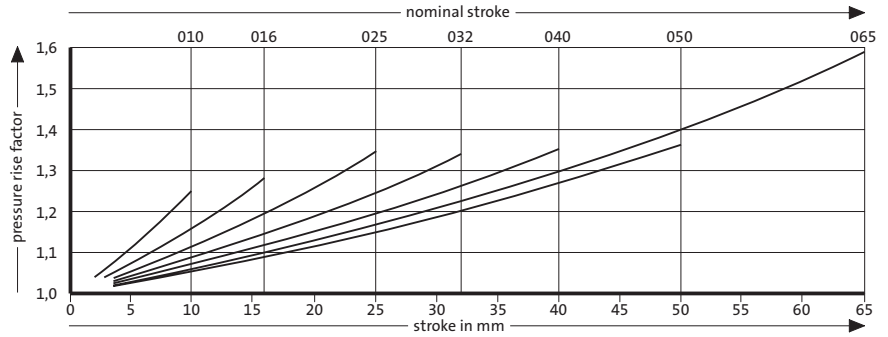
DIAGRAMS

2490.14.11800.

Initial spring force versus charge pressure



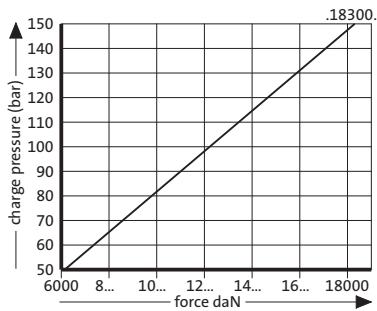
Spring force Diagram displacement versus stroke rise



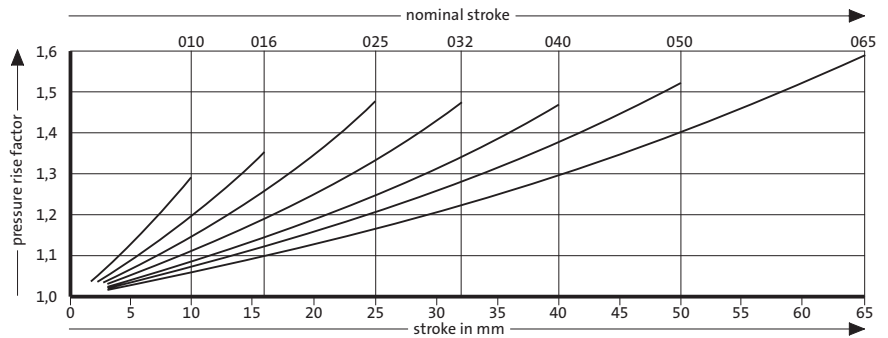
Pressure rise factor accounts for displacement but not external influences!

2490.14.18300.

Initial spring force versus charge pressure

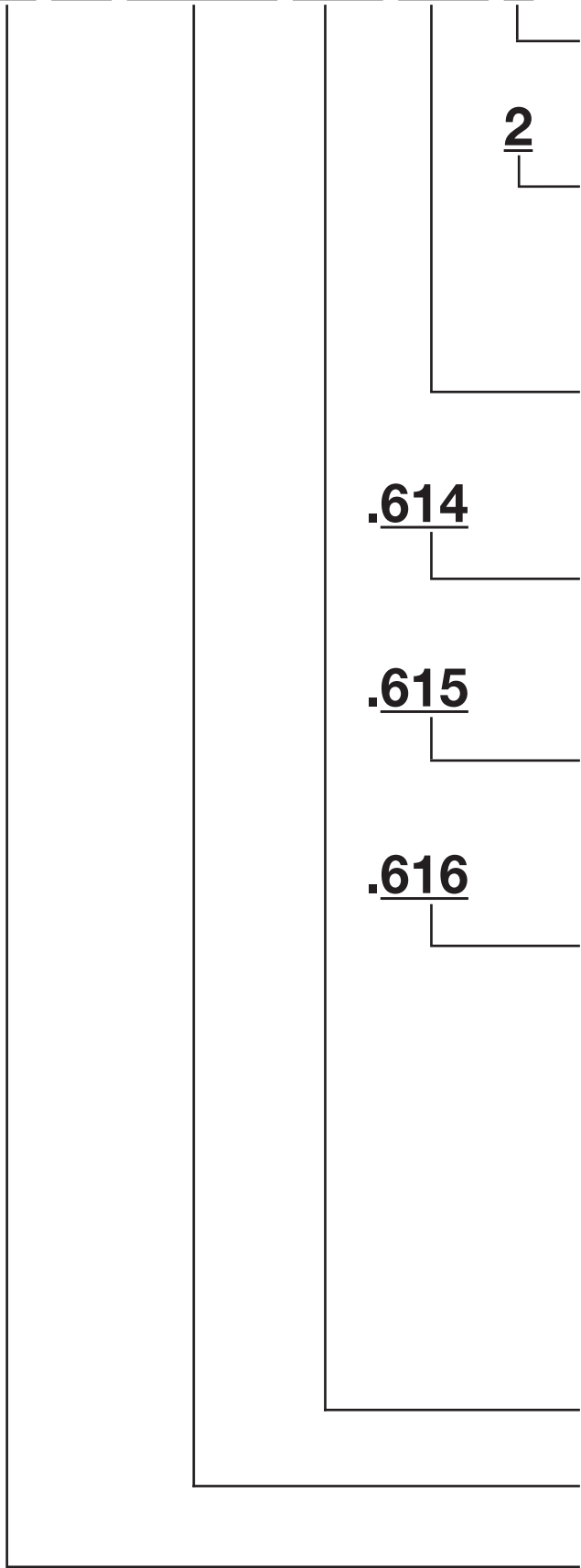


Spring force Diagram displacement versus stroke rise



Pressure rise factor accounts for displacement but not external influences!

2490.14.01000.025.600 1



Execution for standalone use
(In the Ford Standard "S" is equivalent to "1")

2

Execution for composite connection without valve, without pressure
(In the Ford Standard "P" is equivalent to "2")

WDX order number code
e.g.: WDX 356206-01025DMS (DM=00)
Spring type without fixings

.614

WDX order number code
e.g.: WDX 356206-01025TMS (TM=14)
Spring type with collar flange 2480.057.

.615

WDX order number code
e.g.: WDX 356206-01025SFP (SF=15)
Spring type with adapter baseplate with connecting fitting 2480.00.20.

.616

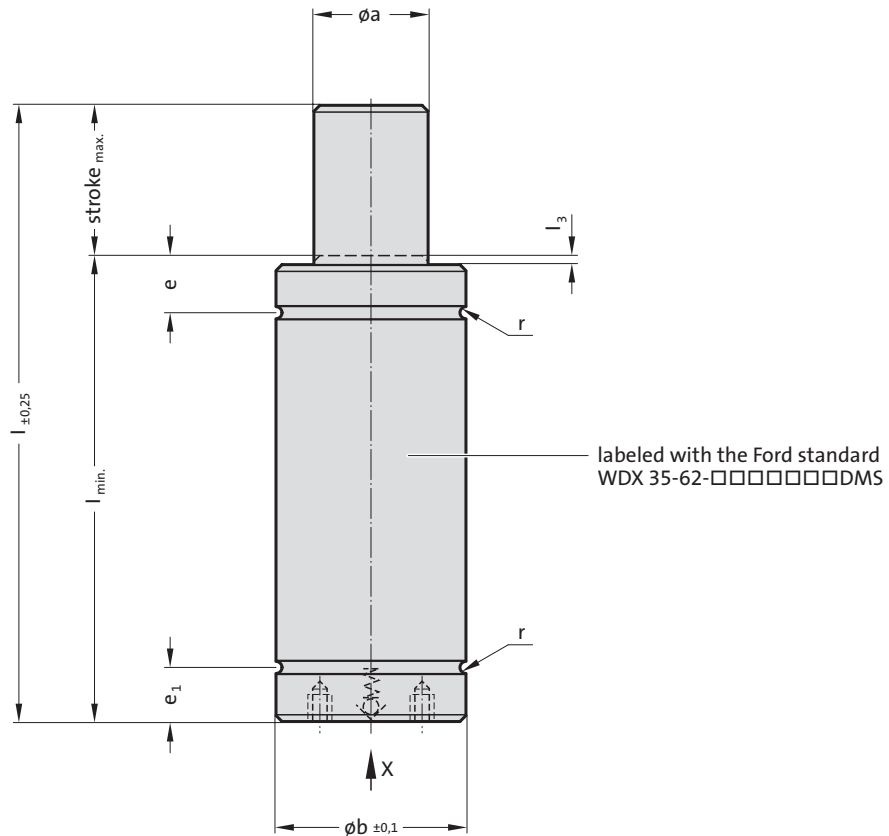
WDX order number code
e.g.: WDX 356206-01025SRS (SR=16)
Spring type with adapter baseplate 2480.00.20.25.

Spring stroke (25 mm)

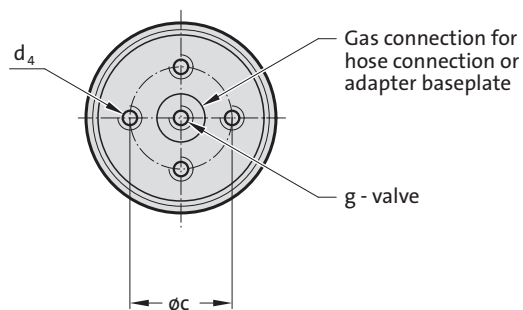
Initial spring force (1000 daN)

FIBRO gas spring compact

**GAS SPRINGS COMPACT
WITH FIXING ELEMENTS TO FORD STANDARD
2490.14.□□□□□.□□□.□001 – WDX 35-62-□□□□□□□DMS**



View X



*** Execution:**

.□001 = DMS = for standalone use

GAS SPRINGS COMPACT WITH FIXING ELEMENTS TO FORD STANDARD

2490.14.□□□□□.□□□.□001 – WDX 35-62-□□□□□□□□DMS

FIBRO-Order No.	Ford Standard WDX	a	b	l _{min.}	l	c	e	e ₁	r	l ₃	d ₄	g
2490.14.00750.010.6001	35-62-0600710DMS	20	32	65	75	15	11.5	10.5	1	3	2x M6 x 5.5 deep	M6
2490.14.00750.016.6001	35-62-0600716DMS			77	93							
2490.14.00750.025.6001	35-62-0600725DMS			95	120							
2490.14.00750.032.6001	35-62-0600732DMS			108	140							
2490.14.00750.040.6001	35-62-0600740DMS			125	165							
2490.14.00750.050.6001	35-62-0600750DMS			145	195							
2490.14.01000.010.6001	35-62-0601010DMS	20	38	68	78	17	10.5	10.5	1	3	2x M6 x 6.5 deep	M6
2490.14.01000.016.6001	35-62-0601016DMS			84	100							
2490.14.01000.025.6001	35-62-0601025DMS			110	135							
2490.14.01000.032.6001	35-62-0601032DMS			135	167							
2490.14.01000.040.6001	35-62-0601040DMS			155	195							
2490.14.01000.050.6001	35-62-0601050DMS			180	230							
2490.14.01800.010.7001	35-62-0701810DMS	30	50.2	70	80	26	14.5	14.5	1.5	3	2x M6 x 6.5 deep	G1/8
2490.14.01800.016.7001	35-62-0701816DMS			90	106							
2490.14.01800.025.7001	35-62-0701825DMS			110	135							
2490.14.01800.032.7001	35-62-0701832DMS			130	162							
2490.14.01800.040.7001	35-62-0701840DMS			150	190							
2490.14.01800.050.7001	35-62-0701850DMS			170	220							
2490.14.03000.010.7001	35-62-0702910DMS	38	63.2	75	85	34	19	18	2	3	2x M8 x 9 deep	G1/8
2490.14.03000.016.7001	35-62-0702916DMS			87	103							
2490.14.03000.025.7001	35-62-0702925DMS			105	130							
2490.14.03000.032.7001	35-62-0702932DMS			118	150							
2490.14.03000.040.7001	35-62-0702940DMS			135	175							
2490.14.03000.050.7001	35-62-0702950DMS			155	205							
2490.14.04700.010.8001	35-62-0804710DMS	50	75.2	70	80	40	18	18	1.5	3	2x M8 x 9 deep	G1/8
2490.14.04700.016.8001	35-62-0804716DMS			90	106							
2490.14.04700.025.8001	35-62-0804725DMS			110	135							
2490.14.04700.032.8001	35-62-0804732DMS			135	167							
2490.14.04700.040.8001	35-62-0804740DMS			160	200							
2490.14.04700.050.8001	35-62-0804750DMS			190	240							
2490.14.07500.010.8001	35-62-0807510DMS	65	95.2	80	90	52	21	21	1.5	3	4x M8 x 9 deep	G1/8
2490.14.07500.016.8001	35-62-0807516DMS			100	116							
2490.14.07500.025.8001	35-62-0807525DMS			120	145							
2490.14.07500.032.8001	35-62-0807532DMS			150	182							
2490.14.07500.040.8001	35-62-0807540DMS			170	210							
2490.14.07500.050.8001	35-62-0807550DMS			205	255							
2490.14.11800.010.9001	35-62-0911810DMS	80	120.2	90	100	68	22.5	22.5	2.5	3	4x M10 x 11 deep	G1/8
2490.14.11800.016.9001	35-62-0911816DMS			110	126							
2490.14.11800.025.9001	35-62-0911825DMS			130	155							
2490.14.11800.032.9001	35-62-0911832DMS			155	187							
2490.14.11800.040.9001	35-62-0911840DMS			180	220							
2490.14.11800.050.9001	35-62-0911850DMS			210	260							
2490.14.18300.010.9001	35-62-0918310DMS	105	150.2	100	110	90	24.5	24.5	2.5	3	4x M10 x 11 deep	G1/8
2490.14.18300.016.9001	35-62-0918316DMS			120	136							
2490.14.18300.025.9001	35-62-0918325DMS			140	165							
2490.14.18300.032.9001	35-62-0918332DMS			165	197							
2490.14.18300.040.9001	35-62-0918340DMS			195	235							
2490.14.18300.050.9001	35-62-0918350DMS			220	270							

GAS SPRINGS COMPACT

WITH FIXING ELEMENTS TO FORD STANDARD

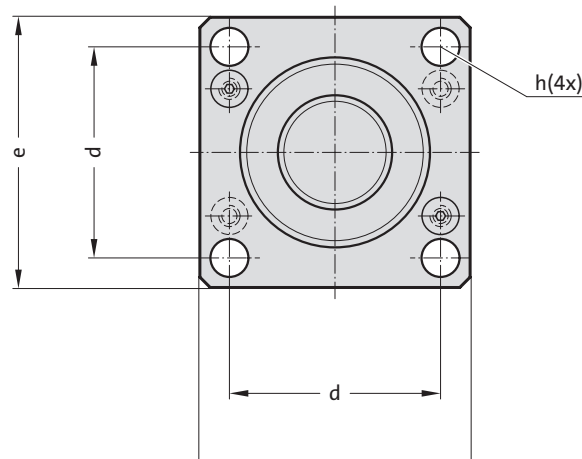
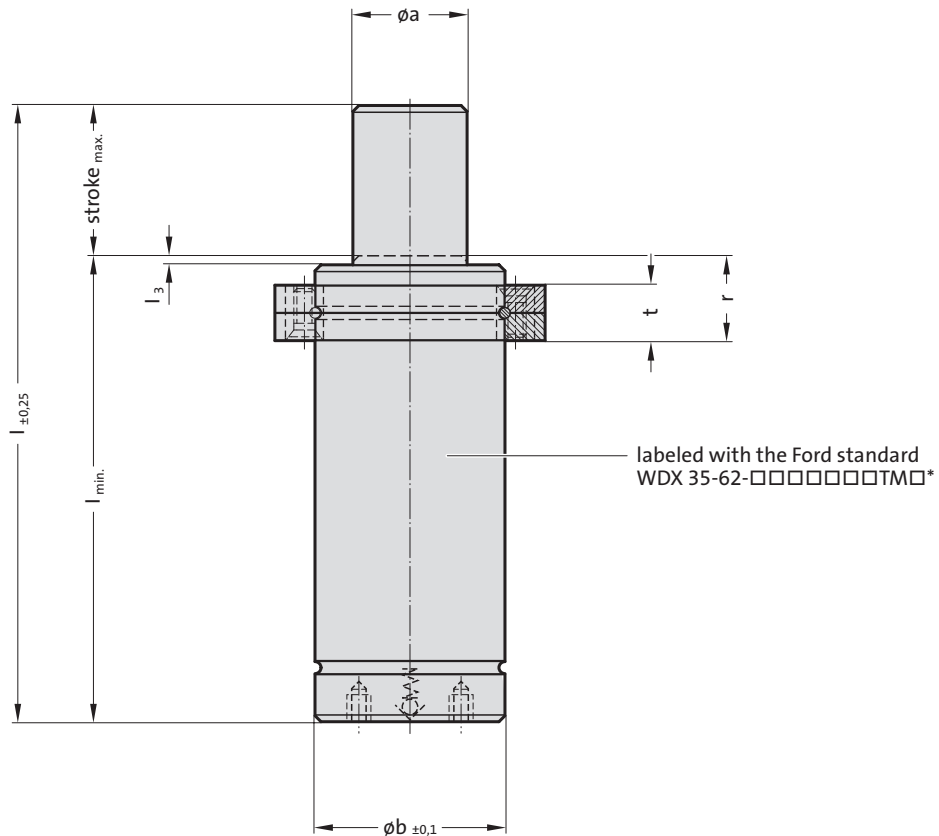
2490.14.□□□□□.□□□.□14□ - WDX 35-62-□□□□□□□□TM□

View

for gas spring 750 daN up to 18300 daN

(Individual Order No: Clamping flange 2480.057.00150 / .00250 / 03.01000 / .05000 / .07500

Individual Order No: Clamping flange 2480.058.00750 / .01500 / .03000)



* Execution:

.□141 = TMS= for standalone use

.□142 = TMP= for composite connection – without valve, without pressure

Delivery advice:

Collar flange fitted

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GAS SPRINGS COMPACT WITH FIXING ELEMENTS TO FORD STANDARD

2490.14.□□□□□.□□□.□14□ - WDX 35-62-□□□□□□□□TM□

FIBRO-Order No.	Ford Standard WDX	a	b	l _{min.}	l	l _s	r	t	e	d	h	incl. clamping flange
2490.14.00750.010.614□*	35-62-0600710TM□*	20	32	65	75	3	16	9	45	35.0	7	2480.057.00150
2490.14.00750.016.614□*	35-62-0600716TM□*			77	93							
2490.14.00750.025.614□*	35-62-0600725TM□*			95	120							
2490.14.00750.032.614□*	35-62-0600732TM□*			108	140							
2490.14.00750.040.614□*	35-62-0600740TM□*			125	165							
2490.14.00750.050.614□*	35-62-0600750TM□*			145	195							
2490.14.01000.010.614□*	35-62-0601010TM□*	20	38	68	78	3	15	9	52	40.0	7	2480.057.00250
2490.14.01000.016.614□*	35-62-0601016TM□*			84	100							
2490.14.01000.025.614□*	35-62-0601025TM□*			110	135							
2490.14.01000.032.614□*	35-62-0601032TM□*			135	167							
2490.14.01000.040.614□*	35-62-0601040TM□*			155	195							
2490.14.01000.050.614□*	35-62-0601050TM□*			180	230							
2490.14.01800.010.714□*	35-62-0701810TM□*	30	50.2	70	80	3	21	13	70	56.5	9	2480.058.00750
2490.14.01800.016.714□*	35-62-0701816TM□*			90	106							
2490.14.01800.025.714□*	35-62-0701825TM□*			110	135							
2490.14.01800.032.714□*	35-62-0701832TM□*			130	162							
2490.14.01800.040.714□*	35-62-0701840TM□*			150	190							
2490.14.01800.050.714□*	35-62-0701850TM□*			170	220							
2490.14.03000.010.714□*	35-62-0702910TM□*	38	63.2	75	85	3	27	16	80	64	11	2480.057.03.01000
2490.14.03000.016.714□*	35-62-0702916TM□*			87	103							
2490.14.03000.025.714□*	35-62-0702925TM□*			105	130							
2490.14.03000.032.714□*	35-62-0702932TM□*			118	150							
2490.14.03000.040.714□*	35-62-0702940TM□*			135	175							
2490.14.03000.050.714□*	35-62-0702950TM□*			155	205							
2490.14.04700.010.814□*	35-62-0804710TM□*	50	75.2	70	80	3	26	16	90	73.5	11	2480.058.01500
2490.14.04700.016.814□*	35-62-0804716TM□*			90	106							
2490.14.04700.025.814□*	35-62-0804725TM□*			110	135							
2490.14.04700.032.814□*	35-62-0804732TM□*			135	167							
2490.14.04700.040.814□*	35-62-0804740TM□*			160	200							
2490.14.04700.050.814□*	35-62-0804750TM□*			190	240							
2490.14.07500.010.814□*	35-62-0807510TM□*	65	95.2	80	90	3	30	18	110	92.0	13	2480.058.03000
2490.14.07500.016.814□*	35-62-0807516TM□*			100	116							
2490.14.07500.025.814□*	35-62-0807525TM□*			120	145							
2490.14.07500.032.814□*	35-62-0807532TM□*			150	182							
2490.14.07500.040.814□*	35-62-0807540TM□*			170	210							
2490.14.07500.050.814□*	35-62-0807550TM□*			205	255							
2490.14.11800.010.914□*	35-62-0911810TM□*	80	120.2	90	100	3	33	21	130	109.5	13	2480.057.05000
2490.14.11800.016.914□*	35-62-0911816TM□*			110	126							
2490.14.11800.025.914□*	35-62-0911825TM□*			130	155							
2490.14.11800.032.914□*	35-62-0911832TM□*			155	187							
2490.14.11800.040.914□*	35-62-0911840TM□*			180	220							
2490.14.11800.050.914□*	35-62-0911850TM□*			210	260							
2490.14.18300.010.914□*	35-62-0918310TM□*	105	150.2	100	110	3	38	27	162	138.0	17.5	2480.057.07500
2490.14.18300.016.914□*	35-62-0918316TM□*			120	136							
2490.14.18300.025.914□*	35-62-0918325TM□*			140	165							
2490.14.18300.032.914□*	35-62-0918332TM□*			165	197							
2490.14.18300.040.914□*	35-62-0918340TM□*			195	235							
2490.14.18300.050.914□*	35-62-0918350TM□*			220	270							

GAS SPRINGS COMPACT WITH FIXING ELEMENTS TO FORD STANDARD

2490.14.□□□□□□.□□□□.□152 - WDX 35-62-□□□□□□□□SFP

View for gas springs
1000 daN up to 18300 daN
(Individual Order No: Adapter baseplate
2480.00.20.01000 - .18300)

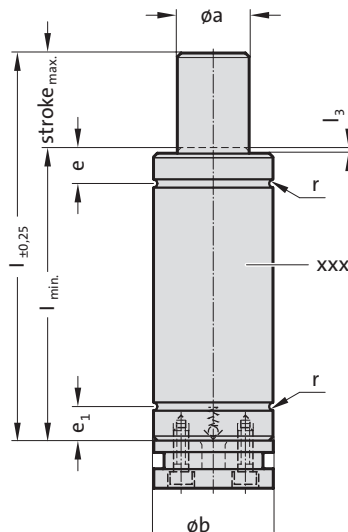
Execution:

□152 = SFP = for composite connection
without valve, without pressure

Delivery advice:

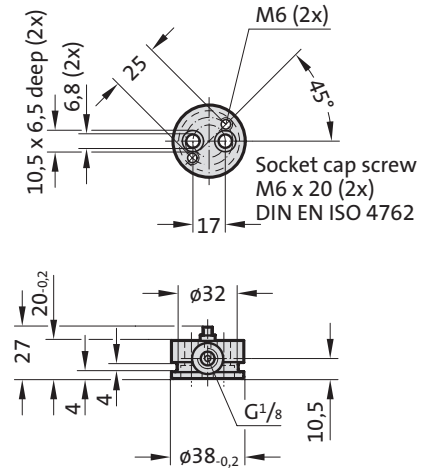
Adapter baseplate fitted

xxx = labeled with the Ford standard:
WDX 35-62-□□□□□□□□SFP



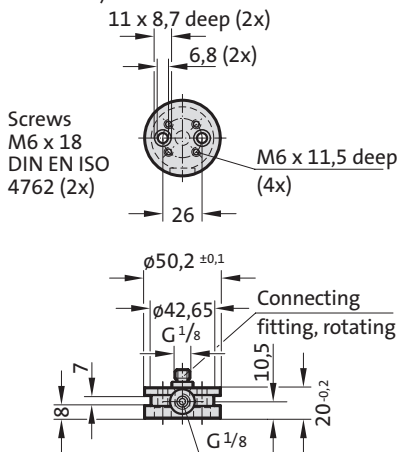
2480.00.20.01000

Adapter baseplate with connecting fitting,
without valve (only for use with composite
connections)



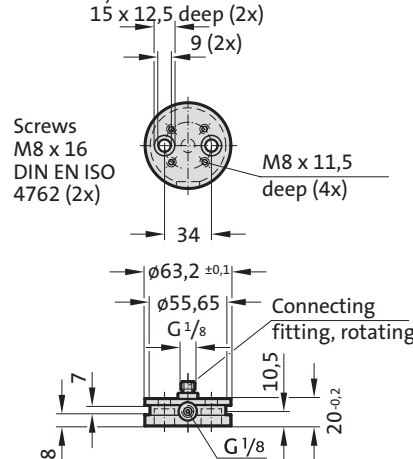
2480.00.20.01800

Adapter baseplate with connecting fitting,
without valve (only for use with composite
connections)



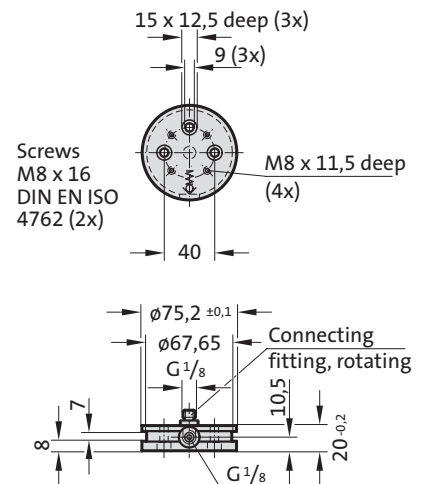
2480.00.20.03000

Adapter baseplate with connecting fitting,
without valve (only for use with composite
connections)



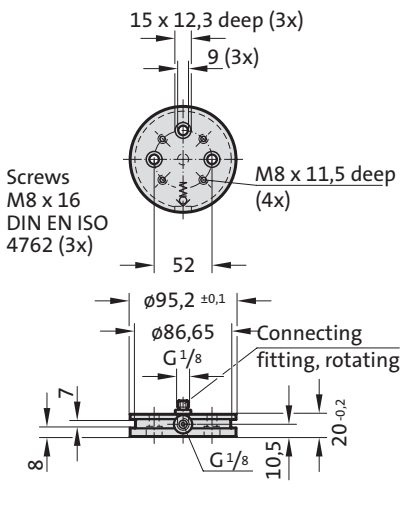
2480.00.20.04700

Adapter baseplate with connecting Fitting



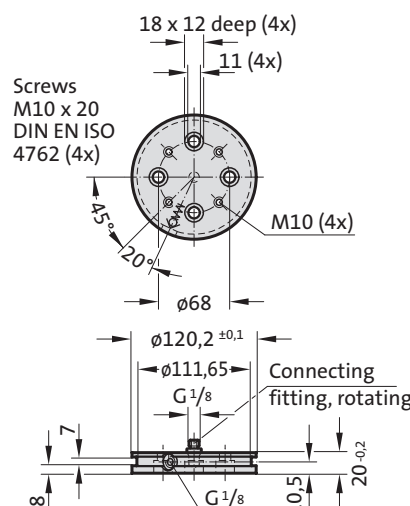
2480.00.20.07500

Adapter baseplate with connecting Fitting



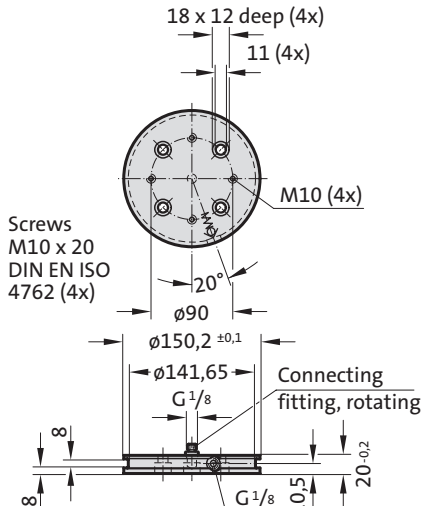
2480.00.20.11800

Adapter baseplate with connecting Fitting



2480.00.20.18300

Adapter baseplate with connecting Fitting



GAS SPRINGS COMPACT WITH FIXING ELEMENTS TO FORD STANDARD

2490.14.□□□□□.□□□.□152 – WDX 35-62-□□□□□□□SFP

FIBRO-Order No.	Ford Standard WDX	a	b	l _{min.}	l	e	e ₁	r	l _s	incl. adapter baseplate
2490.14.01000.010.6152	35-62-0601010SFP	20	38	68	78	10.5	10.5	1	3	2480.00.20.01000
2490.14.01000.016.6152	35-62-0601016SFP			84	100					
2490.14.01000.025.6152	35-62-0601025SFP			110	135					
2490.14.01000.032.6152	35-62-0601032SFP			135	167					
2490.14.01000.040.6152	35-62-0601040SFP			155	195					
2490.14.01000.050.6152	35-62-0601050SFP			180	230					
2490.14.01800.010.7152	35-62-0701810SFP	30	50.2	70	80	14.5	14.5	1.5	3	2480.00.20.01800
2490.14.01800.016.7152	35-62-0701816SFP			90	106					
2490.14.01800.025.7151	35-62-0701825SFP			110	135					
2490.14.01800.032.7152	35-62-0701832SFP			130	162					
2490.14.01800.040.7152	35-62-0701840SFP			150	190					
2490.14.01800.050.7152	35-62-0701850SFP			170	220					
2490.14.03000.010.7152	35-62-0702910SFP	38	63.2	75	85	19	18	2	3	2480.00.20.03000
2490.14.03000.016.7152	35-62-0702916SFP			87	103					
2490.14.03000.025.7152	35-62-0702925SFP			105	130					
2490.14.03000.032.7152	35-62-0702932SFP			118	150					
2490.14.03000.040.7152	35-62-0702940SFP			135	175					
2490.14.03000.050.7152	35-62-0702950SFP			155	205					
2490.14.04700.010.8152	35-62-0804710SFP	50	75.2	70	80	18	18	1.5	3	2480.00.20.04700
2490.14.04700.016.8152	35-62-0804716SFP			90	106					
2490.14.04700.025.8152	35-62-0804725SFP			110	135					
2490.14.04700.032.8152	35-62-0804732SFP			135	167					
2490.14.04700.040.8152	35-62-0804740SFP			160	200					
2490.14.04700.050.8152	35-62-0804750SFP			190	240					
2490.14.07500.010.8152	35-62-0807510SFP	65	95.2	80	90	21	21	1.5	3	2480.00.20.07500
2490.14.07500.016.8152	35-62-0807516SFP			100	116					
2490.14.07500.025.8152	35-62-0807525SFP			120	145					
2490.14.07500.032.8152	35-62-0807532SFP			150	182					
2490.14.07500.040.8152	35-62-0807540SFP			170	210					
2490.14.07500.050.8152	35-62-0807550SFP			205	255					
2490.14.11800.010.9152	35-62-0911810SFP	80	120.2	90	100	22.5	22.5	2.5	3	2480.00.20.11800
2490.14.11800.016.9152	35-62-0911816SFP			110	126					
2490.14.11800.025.9152	35-62-0911825SFP			130	155					
2490.14.11800.032.9152	35-62-0911832SFP			155	187					
2490.14.11800.040.9152	35-62-0911840SFP			180	220					
2490.14.11800.050.9152	35-62-0911850SFP			210	260					
2490.14.18300.010.9152	35-62-0918310SFP	105	150.2	100	110	24.5	24.5	2.5	3	2480.00.20.18300
2490.14.18300.016.9152	35-62-0918316SFP			120	136					
2490.14.18300.025.9152	35-62-0918325SFP			140	165					
2490.14.18300.032.9152	35-62-0918332SFP			165	197					
2490.14.18300.040.9152	35-62-0918340SFP			195	235					
2490.14.18300.050.9152	35-62-0918350SFP			220	270					

GAS SPRINGS COMPACT WITH FIXING ELEMENTS TO FORD STANDARD

2490.14.□□□□□.□□□.□16□ - WDX 35-62-□□□□□□□□SR□

View for gas springs 4700 daN up to 18300 daN

(Individual Order No: Adapter baseplate
2480.00.20.25.04700 - .18300)

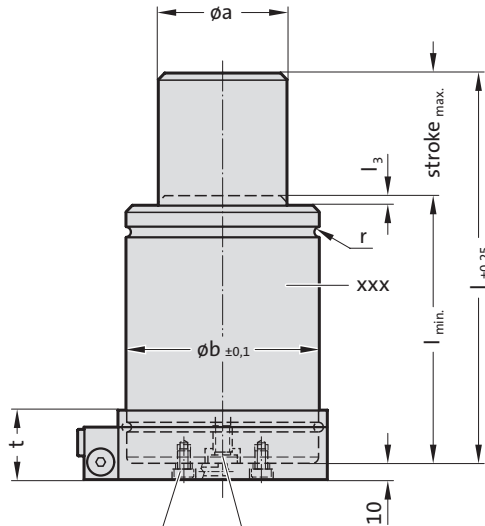
* Execution:

- 161 = SRS = for standalone use
- 162 = SRP = for composite connection – without valve, without pressure

Delivery advice:

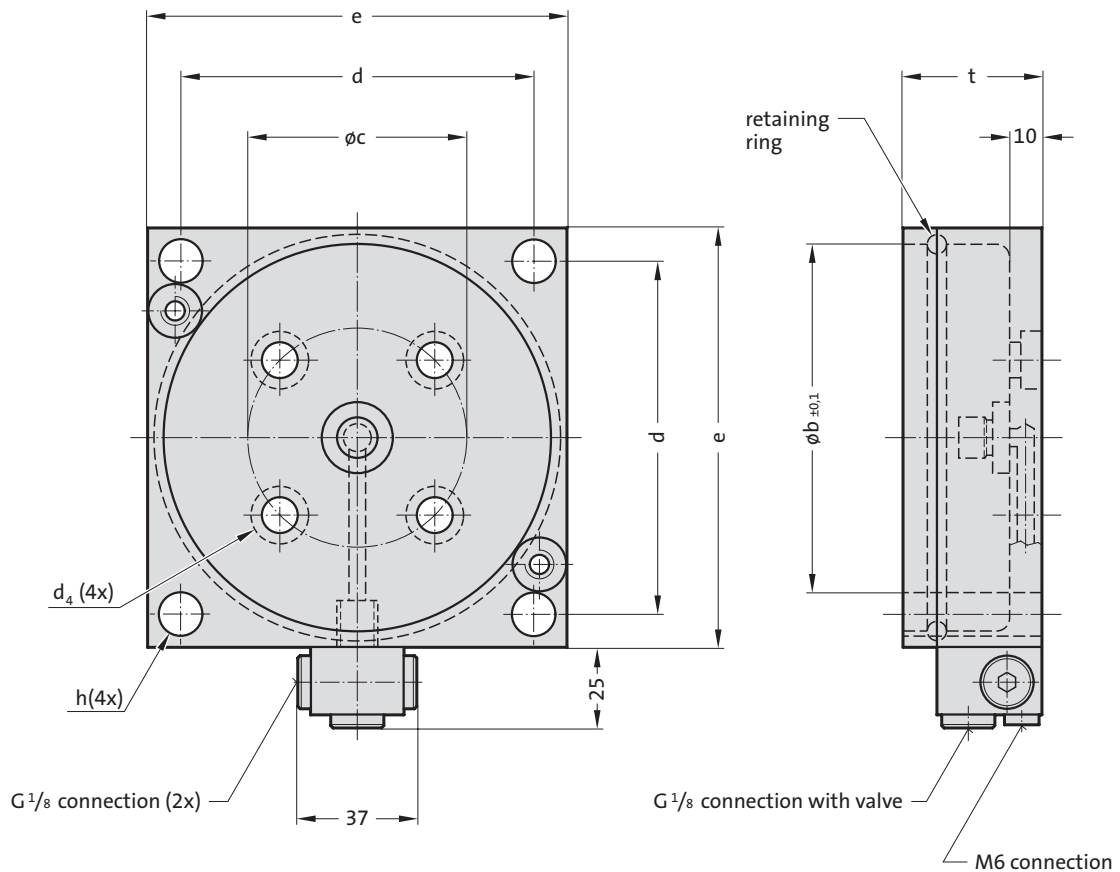
Adapter baseplate fitted

xxx = labeled with the Ford standard:
WDX 35-62-□□□□□□□□SR□*



the fixing screws tighten,
Tightening torque
M8 = 18 Nm
M10 = 34 Nm

Gas connection for hose connection or
adapter baseplate



GAS SPRINGS COMPACT WITH FIXING ELEMENTS TO FORD STANDARD

2490.14.□□□□□.□□□.□16□ – WDX 35-62-□□□□□□□□SR□

FIBRO-Order No.	Ford Standard WDX	a	b	l _{min.}	l	c	e	d	t	r	l _s	h	incl. adapter baseplate	d ₄
2490.14.04700.010.816□*	35-62-0804710SR□*	50	75.2	70	80	40	90	73.5	36	1.5	3	11	2480.00.20.25.04700	2x M8 x 9 deep
2490.14.04700.016.816□*	35-62-0804716SR□*			90	106									
2490.14.04700.025.816□*	35-62-0804725SR□*			110	135									
2490.14.04700.032.816□*	35-62-0804732SR□*			135	167									
2490.14.04700.040.816□*	35-62-0804740SR□*			160	200									
2490.14.04700.050.816□*	35-62-0804750SR□*			190	240									
2490.14.07500.010.816□*	35-62-0807510SR□*	65	95.2	80	90	52	110	92	40	1.5	3	13	2480.00.20.25.07500	4x M8 x 9 deep
2490.14.07500.016.816□*	35-62-0807516SR□*			100	116									
2490.14.07500.025.816□*	35-62-0807525SR□*			120	145									
2490.14.07500.032.816□*	35-62-0807532SR□*			150	182									
2490.14.07500.040.816□*	35-62-0807540SR□*			170	210									
2490.14.07500.050.816□*	35-62-0807550SR□*			205	255									
2490.14.11800.010.916□*	35-62-0911810SR□*	80	120.2	90	100	68	130	109.5	43	2.5	3	13	2480.00.20.25.11800	4x M10 x 11 deep
2490.14.11800.016.916□*	35-62-0911816SR□*			110	126									
2490.14.11800.025.916□*	35-62-0911825SR□*			130	155									
2490.14.11800.032.916□*	35-62-0911832SR□*			155	187									
2490.14.11800.040.916□*	35-62-0911840SR□*			180	220									
2490.14.11800.050.916□*	35-62-0911850SR□*			210	260									
2490.14.18300.010.916□*	35-62-0918310SR□*	105	150.2	100	110	90	162	138	48	2.5	3	17.5	2480.00.20.25.18300	4x M10 x 11 deep
2490.14.18300.016.916□*	35-62-0918316SR□*			120	136									
2490.14.18300.025.916□*	35-62-0918325SR□*			140	165									
2490.14.18300.032.916□*	35-62-0918332SR□*			165	197									
2490.14.18300.040.916□*	35-62-0918340SR□*			195	235									
2490.14.18300.050.916□*	35-62-0918350SR□*			220	270									

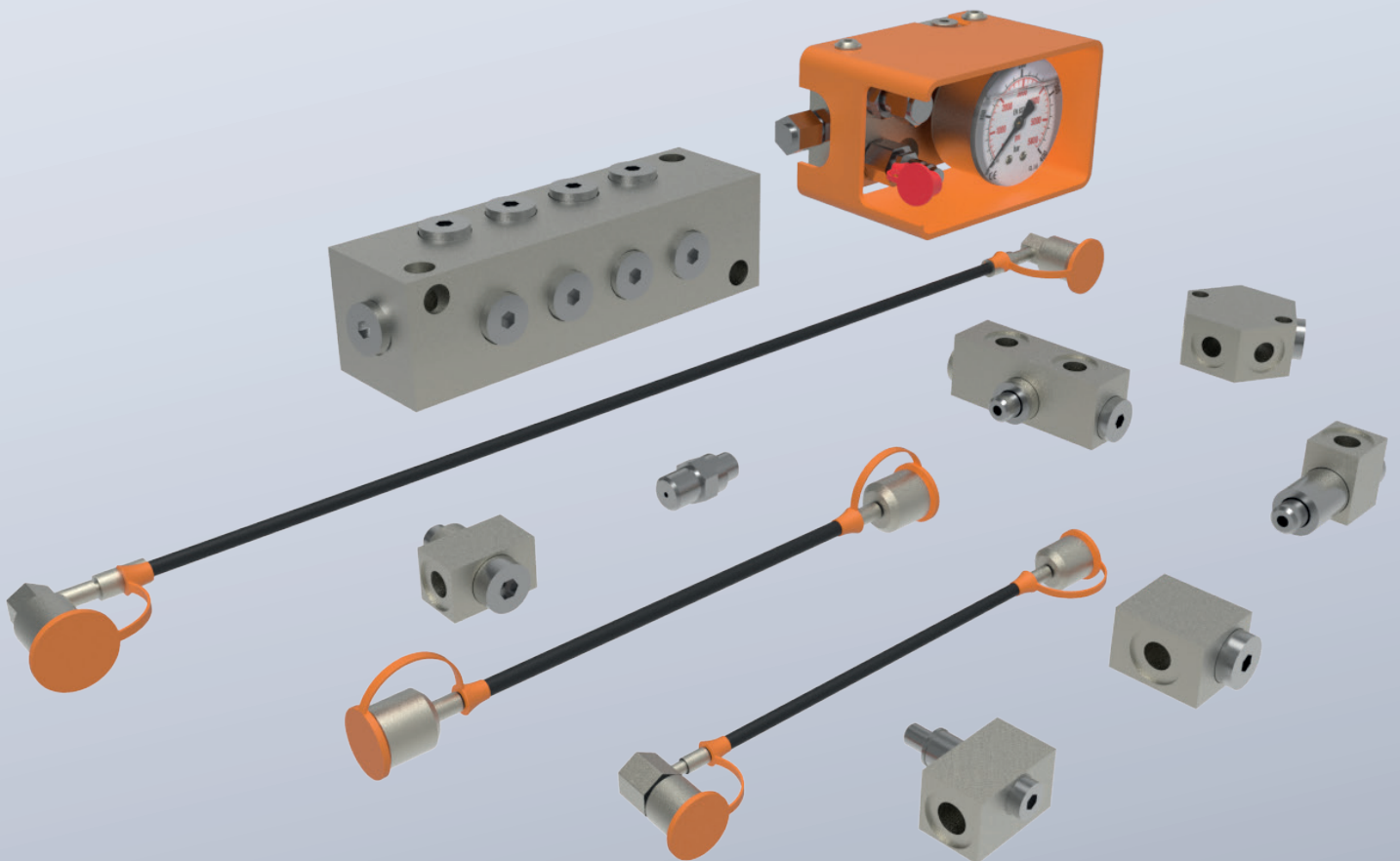
GAS SPRING ACCESSORIES TO FORD STANDARD

WDX 35-72-10

WDX 35-72-12

WDX 35-63-01

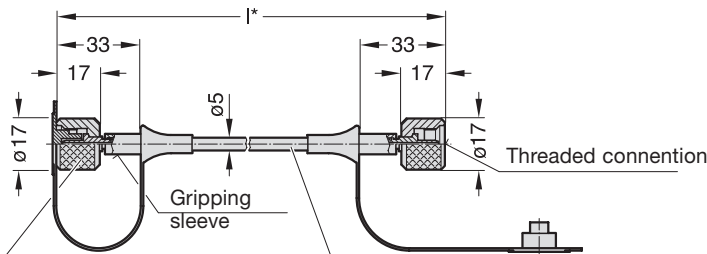
WDX 35-63-15



GAS SPRING ACCESSORIES MINIMESS-COMPOUND THREADED JOINTS 2480.00.23.

2480.00.23.01.

Gauging hose – both ends straight



Threaded joint, straight (complete)
Ford Standard WDX 35-72-1012
FIBRO Order No.: 2480.00.23.01

Hose DN 2
Ford Standard WDX 35-72-1013
FIBRO Order No.: 2480.00.23.00.□□□

2480.00.23.01.

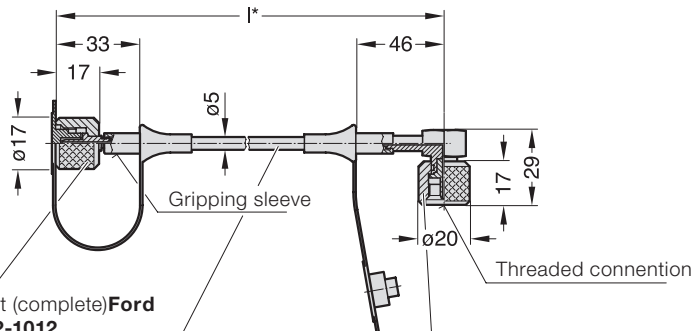
Order No.	I*
2480.00.23.01.0200	200
2480.00.23.01.0300	300
2480.00.23.01.0400	400
2480.00.23.01.0500	500
2480.00.23.01.0630	630
2480.00.23.01.0800	800
2480.00.23.01.1000	1000
2480.00.23.01.1200	1200
2480.00.23.01.1500	1500
2480.00.23.01.2000	2000
2480.00.23.01.2500	2500
2480.00.23.01.3000	3000

* other lengths available!

shortest factory length:	
without antikink protection	90 mm
antikink protection at one end	150 mm
antikink protection at both ends	300 mm

2480.00.23.02.

Gauging hose – one end straight 90°-angle



Threaded joint, straight (complete)
Ford Standard WDX 35-72-1012
FIBRO Order No.: 2480.00.23.01

Hose DN 2
Ford Standard WDX 35-72-1013
FIBRO Order No.: 2480.00.23.00.□□□

Threaded joint, 90°-angle (complete)
Ford Standard WDX 35-72-1014
FIBRO Order No.: 2480.00.23.02

2480.00.23.02.

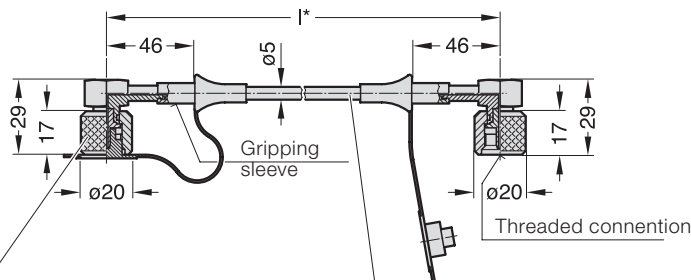
Order No.	I*
2480.00.23.02.0200	200
2480.00.23.02.0300	300
2480.00.23.02.0400	400
2480.00.23.02.0500	500
2480.00.23.02.0630	630
2480.00.23.02.0800	800
2480.00.23.02.1000	1000
2480.00.23.02.1200	1200
2480.00.23.02.1500	1500
2480.00.23.02.2000	2000
2480.00.23.02.2500	2500
2480.00.23.02.3000	3000

* other lengths available!

shortest factory length:	
without antikink protection	90 mm
antikink protection at one end	150 mm
antikink protection at both ends	300 mm

2480.00.23.03.

Gauging hose – both ends 90°-angle



Threaded joint, 90°-angle (complete)
Ford Standard WDX 35-72-1014
FIBRO Order No.: 2480.00.23.02

Hose DN 2
Ford Standard WDX 35-72-1013
FIBRO Order No.: 2480.00.23.00.□□□

2480.00.23.03.

Order No.	I*
2480.00.23.03.0200	200
2480.00.23.03.0300	300
2480.00.23.03.0400	400
2480.00.23.03.0500	500
2480.00.23.03.0630	630
2480.00.23.03.0800	800
2480.00.23.03.1000	1000
2480.00.23.03.1200	1200
2480.00.23.03.1500	1500
2480.00.23.03.2000	2000
2480.00.23.03.2500	2500
2480.00.23.03.3000	3000

* other lengths available!

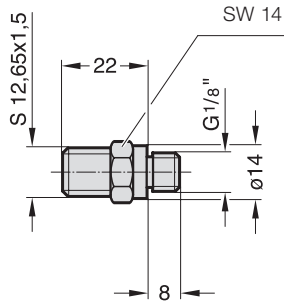
shortest factory length:	
without antikink protection	105 mm
antikink protection at one end	150 mm
antikink protection at both ends	300 mm

GAS SPRING ACCESSORIES MINIMESS-COMPOUND THREADED JOINTS **2480.00.24.**

Gauging coupling with valve installed

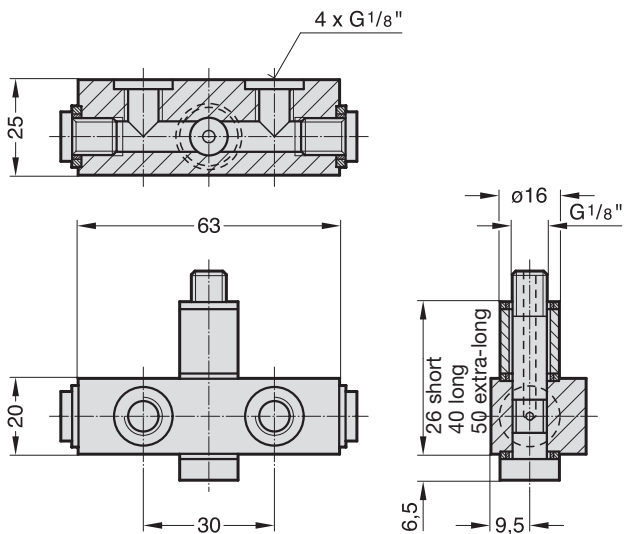
Ford Standard WDX 35-72-1001

FIBRO Order No.: 2480.00.24.01



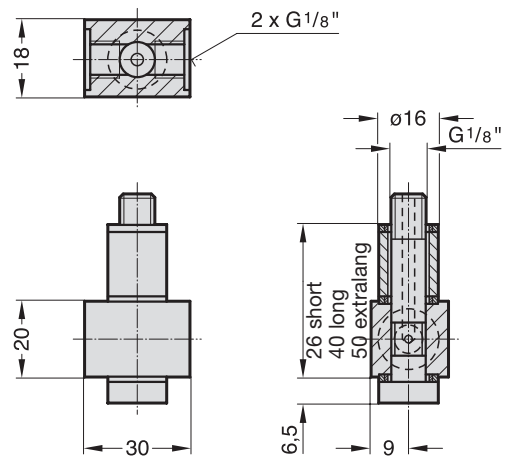
Multiple adapter

Ford Standard	FIBRO Order No.	Execution
WDX 35-72-1009	2480.00.24.11	short
WDX 35-72-1010	2480.00.24.10	long
WDX 35-72-1011	2480.00.24.12	extra-long



Dual adapter

Ford Standard	FIBRO Order No.	Execution
WDX 35-72-1006	2480.00.24.14	short
WDX 35-72-1007	2480.00.24.13	long
WDX 35-72-1008	2480.00.24.15	extra-long

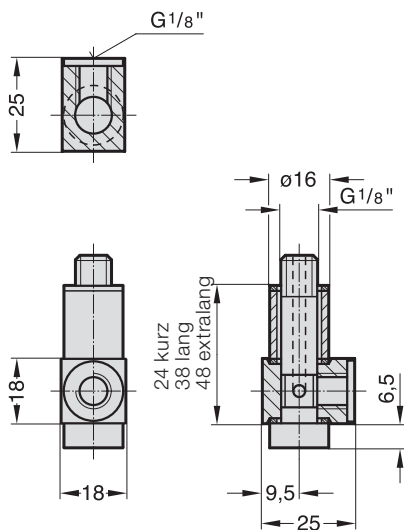


GAS SPRING ACCESSORIES MINIMESS-COMPOUND THREADED JOINTS

2480.00.24.

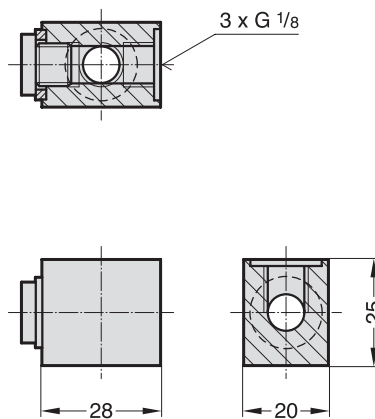
Single adapter

Ford Standard	FIBRO Order No.	Execution
WDX 35-72-1003	2480.00.24.17	short
WDX 35-72-1004	2480.00.24.16	long
WDX 35-72-1005	2480.00.24.18	extra-long



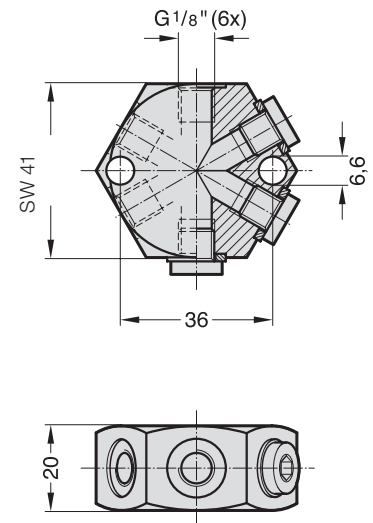
Coupling

Ford Standard	FIBRO Order No.
WDX 35-72-1204	2480.00.24.30



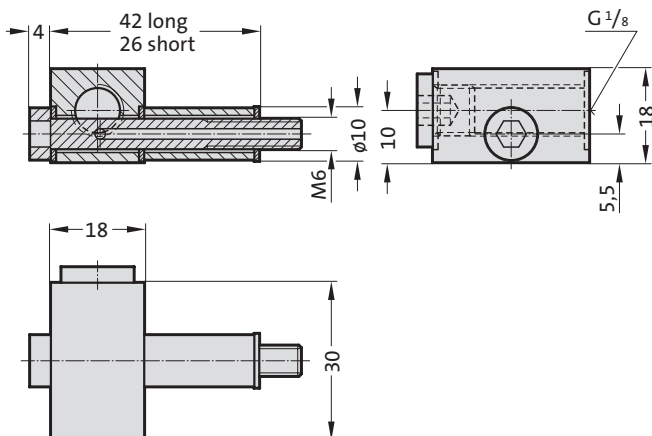
Coupling

Ford Standard	FIBRO Order No.
WDX 35-72-1203	2480.00.24.31



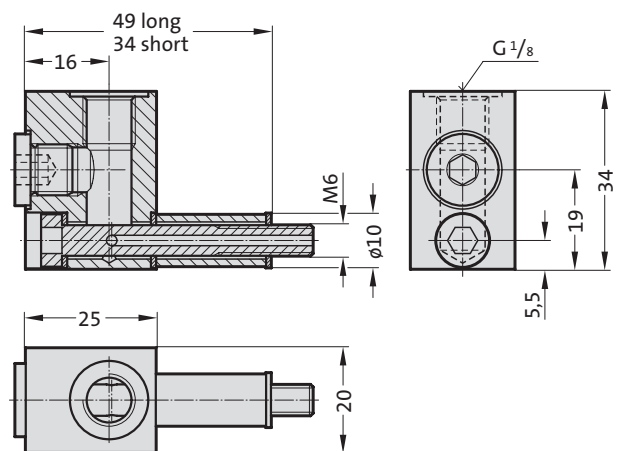
Double adapter, horizontal

Ford Standard	FIBRO Order No.	Execution
WDX 35-63-1503	2480.00.24.54	short
WDX 35-63-1504	2480.00.24.53	long



Double adapter, vertikal

Ford Standard	FIBRO Order No.	Execution
WDX 35-63-1501	2480.00.24.57	short
WDX 35-63-1502	2480.00.24.56	long



Note:
for connection of gas springs with M6 filling connection

Note:
for connection of gas springs with M6 filling connection

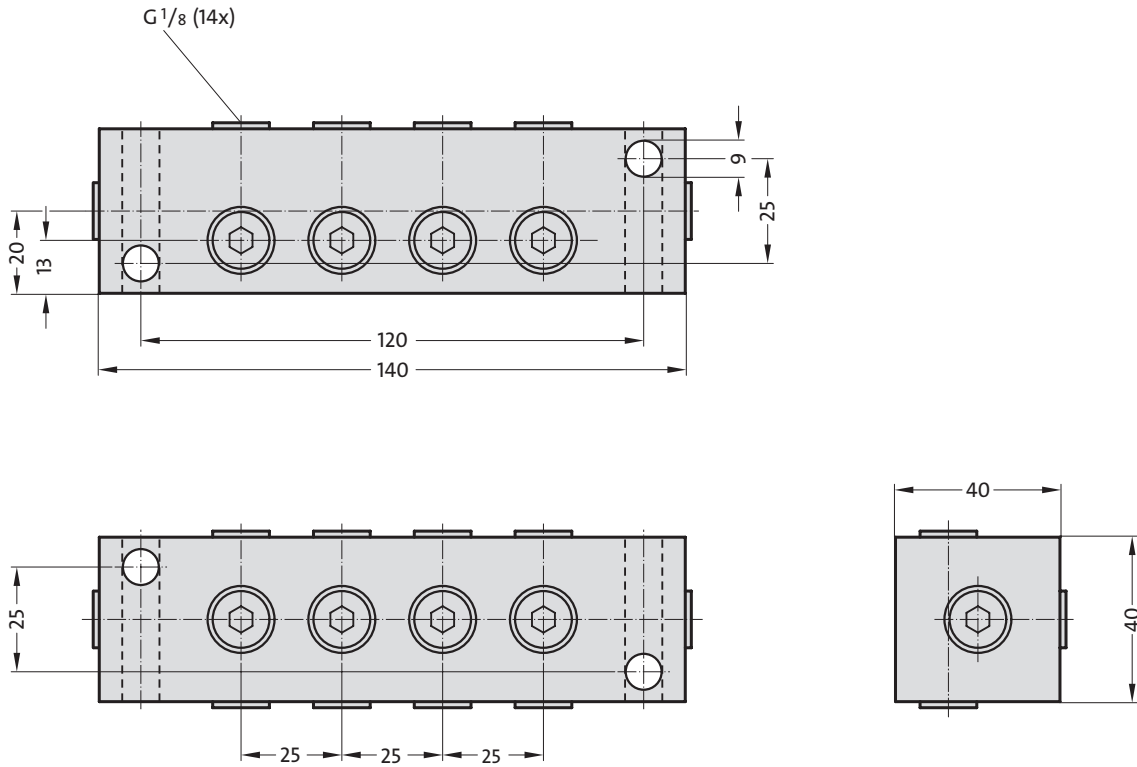
CONTROL FITTING

2480.00.24.

Distributor

Ford Standard
WDX 35-72-1202

FIBRO Order No.
2480.00.24.33



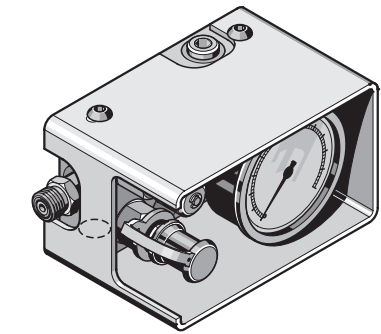
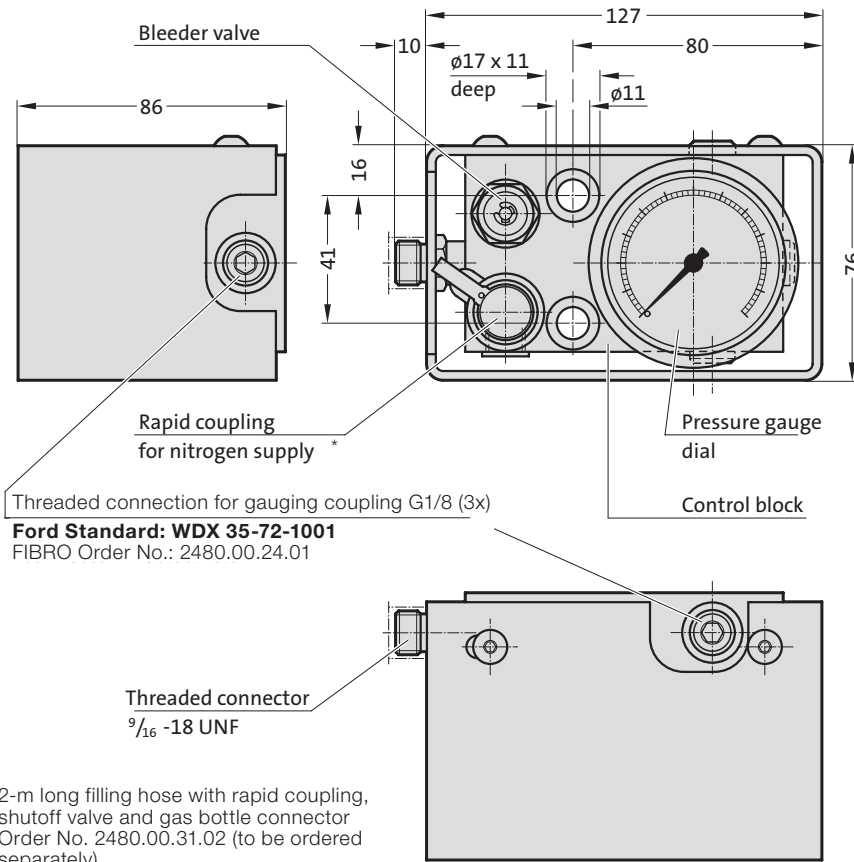
WDX-CONTROL FITTING

2480.00.30.13

Control Fitting without pressure switch, with pressure relief

Ford Standard: FIBRO Order No.:

WDX 35-63-0101	2480.00.30.13
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Description:

The control fitting 2480.00.30.13 is used to constantly monitor the filling pressure of one or more gas springs.

The control fitting is equipped with rapid coupling for nitrogen supply and a bleeder valve. There are three G1/8 ports for simultaneous pressure checking at the Control fitting.

Measuring range from 0 - 400 bar / 5800 psi.

* 2-m long filling hose with rapid coupling, shutoff valve and gas bottle connector
Order No. 2480.00.31.02 (to be ordered separately)

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