

## Contents

<b>1</b>	Purpose .....	<b>1</b>
<b>2</b>	Scope .....	<b>1</b>
<b>3</b>	References .....	<b>1</b>
<b>4</b>	Legend / Indices .....	<b>1</b>

### 1 Purpose

This LESER Global Standard (LGS) contains the information about pressure range of all springs which are installed in valve- types 485.

### 2 Scope

This LGS applies to all members of the LESER quality cluster as defined in the global quality management manual.

This LGS contains information about the pressure range of all springs, which are installed in valve- types 485.

The pressure ranges of the various types are given first in pressure-unit [bar].

This is followed by the pressure-unit [psig].

For additional information please see legend description.

### 3 References

LDeS 3060.01, LDeS 3265.01

### 4 Legend / Indices

- \*1 = Druckbereiche ausgeführt mit ORD-Bauteilen gem. WI 3061.07 /  
Pressure range fitted with ORD-parts acc. to WI 3061.07

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Erklärungen siehe / explanation see : LGS 3600

**Ausführung**

Standard (standard)				Standard (standard)				Standard (standard)			
p [ bar ]		Feder-Sachnummer	Indizes	p [ bar ]		Feder-Sachnummer	Indizes	p [ bar ]		Feder-Sachnummer	Indizes
von p1 up	bis p2 to			von p1 up	bis p2 to			von p1 up	bis p2 to		
<b>485 DN 25 do13</b>											
								0,30	- 0,46	540.3014.0000	
								0,47	- 0,65	540.3024.0000	
								0,66	- 1,00	540.3034.0000	
								1,01	- 1,40	540.3044.0000	
								1,41	- 1,98	540.3054.0000	
								1,99	- 2,85	540.3064.0000	
								2,86	- 4,00	540.3074.0000	
								4,01	- 5,00	540.3084.0000	*1
								5,01	- 7,75	540.3094.0000	*1
								7,76	- 10,80	540.3104.0000	*1
								10,81	- 16,00	540.3114.0000	*1
<b>485 DN 40 do25</b>											
								0,10	- 0,14	540.8014.0000	
								0,15	- 0,21	540.8024.0000	
								0,22	- 0,29	540.8034.0000	
								0,30	- 0,37	540.8044.0000	
								0,38	- 0,59	540.8054.0000	
								0,60	- 0,97	540.4004.0000	
								0,98	- 1,40	540.4014.0000	
								1,41	- 1,90	540.4024.0000	
								1,91	- 2,55	540.4034.0000	*1
								2,56	- 3,40	540.4044.0000	*1
								3,41	- 4,80	540.4054.0000	*1
								4,81	- 7,00	540.4064.0000	*1
								7,01	- 9,90	540.4074.0000	*1
								9,91	- 12,75	540.4084.0000	*1
								12,76	- 16,00	540.4094.0000	*1

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Erklärungen siehe / explanation see : LGS 3600

**Ausführung (model)**

Standard (standard)				Standard (standard)				Standard (standard)			
p [ psig ]		Feder- Materialnummer	Indizes	p [ psig ]		Feder- Materialnummer	Indizes	p [ psig ]		Feder- Materialnummer	Indizes
von p1 up	bis p2 to			von p1 up	bis p2 to			von p1 up	bis p2 to		
								<b>485 DN 25 do13</b>			
								4	- 7	540.3014.0000	
								7	-10	540.3024.0000	
								10	-15	540.3034.0000	
								15	-20	540.3044.0000	
								20	-29	540.3054.0000	
								29	-41	540.3064.0000	
								41	-58	540.3074.0000	
								58	-73	540.3084.0000	*1
								73	-113	540.3094.0000	*1
								113	-157	540.3104.0000	*1
								157	-232	540.3114.0000	*1
								<b>485 DN 40 do25</b>			
								1	- 2	540.8014.0000	
								2	- 3	540.8024.0000	
								3	- 4	540.8034.0000	
								4	- 6	540.8044.0000	
								6	- 9	540.8054.0000	
								9	-14	540.4004.0000	
								14	-20	540.4014.0000	
								20	-28	540.4024.0000	
								28	-37	540.4034.0000	*1
								37	-49	540.4044.0000	*1
								49	-70	540.4054.0000	*1
								70	-102	540.4064.0000	*1
								102	-144	540.4074.0000	*1
								144	-185	540.4084.0000	*1
								185	-232	540.4094.0000	*1

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The following spring table is only applicable to 4854.993X.

Erklärungen siehe / explanation see : LGS 3600												
Ausführung												
Standard (standard)				Standard (standard)				Standard (standard)				
p [ bar ]		Feder-Sachnummer	Indizes	p [ bar ]		Feder-Sachnummer	Indizes	p [ bar ]		Feder-Sachnummer	Indizes	
von p1 up	bis p2 to			von p1 up	bis p2 to			von p1 up	bis p2 to			
<b>485 DN 25 do13</b>												
								0,30	- 0,46	540.3014.0000		
								0,47	- 0,65	540.3024.0000		
								0,66	- 1,00	540.3034.0000		
								1,01	- 1,40	540.3044.0000		
								1,41	- 1,98	540.3054.0000		
								1,99	- 3,00	540.3064.0000		
								3,01	- 4,00	540.3074.0000		
								4,01	- 5,00	540.3084.0000	*1	
								5,01	- 7,75	540.3094.0000	*1	
								7,76	- 10,80	540.3104.0000	*1	
								10,81	- 16,00	540.3114.0000	*1	
<b>485 DN 40 do25</b>												
								0,10	- 0,14	540.8014.0000		
								0,15	- 0,21	540.8024.0000		
								0,22	- 0,29	540.8034.0000		
								0,30	- 0,37	540.8044.0000		
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								0,60	- 0,97	540.4004.0000		
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								1,91	- 2,55	540.4034.0000	*1	
								2,56	- 3,40	540.4044.0000	*1	
								3,41	- 4,80	540.4054.0000	*1	
								4,81	- 7,00	540.4064.0000	*1	
								7,01	- 9,90	540.4074.0000	*1	
								9,91	- 12,75	540.4084.0000	*1	
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Erklärungen siehe / explanation see : LGS 3600											
Ausführung (model)											
Standard (standard)				Standard (standard)				Standard (standard)			
p [ psig ]		Feder- Materialnummer	Indizes	p [ psig ]		Feder- Materialnummer	Indizes	p [ psig ]		Feder- Materialnummer	Indizes
von p1 up	bis p2 to			von p1 up	bis p2 to			von p1 up	bis p2 to		
								<b>485 DN 25 do13</b>			
								4	- 7	540.3014.0000	
								7	-10	540.3024.0000	
								10	-15	540.3034.0000	
								15	-20	540.3044.0000	
								20	-29	540.3054.0000	
								29	-44	540.3064.0000	
								-44	-58	540.3074.0000	
								58	-73	540.3084.0000	*1
								73	-113	540.3094.0000	*1
								113	-157	540.3104.0000	*1
								157	-232	540.3114.0000	*1
								<b>485 DN 40 do25</b>			
								1	- 2	540.8014.0000	
								2	- 3	540.8024.0000	
								3	- 4	540.8034.0000	
								4	- 6	540.8044.0000	
								6	- 9	540.8054.0000	
								9	-14	540.4004.0000	
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								20	-28	540.4024.0000	
								28	-37	540.4034.0000	*1
								37	-49	540.4044.0000	*1
								49	-70	540.4054.0000	*1
								70	-102	540.4064.0000	*1
								102	-144	540.4074.0000	*1
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