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### 1 Purpose

This LESER Global Standard (LGS) contains the information about pressure range of all springs, which are installed in valve- types 488.

### 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 488.

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

- S = Sonderauftrag / special order

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Ausführung (model)											
korrosionsfest (stainless steel)				korrosionsfest (stainless steel)				korrosionsfest (stainless steel)			
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		
DN 25 do 23				DN 40 do 37				DN 50 do 46			
0,10	- 0,19	540.8024.0000		0,10	- 0,19	540.8404.0000		0,20	- 0,24		S
0,20	- 0,29	540.8034.0000		0,20	- 0,33	540.8414.0000		0,25	- 0,34	540.8404.0000	
0,30	- 0,40	540.8044.0000		0,34	- 0,55	540.8424.0000		0,35	- 0,48	540.8414.0000	
0,41	- 0,55	540.8054.0000		0,56	- 0,80	540.8434.0000		0,49	- 0,65	540.8424.0000	
0,56	- 0,75	540.4004.0000		0,81	- 1,20	540.4654.0000		0,66	- 1,00	540.8434.0000	
0,76	- 1,05	540.4014.0000		1,21	- 1,50	540.4664.0000		1,01	- 1,40	540.4654.0000	
1,06	- 1,40	540.4024.0000		1,51	- 2,20	540.4674.0000		1,41	- 1,94	540.4664.0000	
1,41	- 1,80	540.4034.0000		2,21	- 2,60	540.4684.0000		1,95	- 2,74	540.4674.0000	
1,81	- 2,25	540.4044.0000		2,61	- 3,40	540.4694.0000		2,75	- 3,70	540.4684.0000	
2,26	- 3,50	540.4054.0000		3,41	- 5,40	540.4704.0000		3,71	- 5,35	540.4694.0000	
3,51	- 5,00	540.4064.0000		5,41	- 8,50	540.4714.0000		5,36	- 7,90	540.4704.0000	
5,01	- 8,50	540.4074.0000		8,51	- 12,50	540.9604.0000		7,91	- 10,90	540.4714.0000	
8,51	- 12,50	540.4084.0000		12,51	- 16,00	540.4724.0000		10,91	- 15,00	540.8494.0000	
12,51	- 16,00	540.4344.0000									
DN 65 do 60				DN 80 do 74				DN 100 do 92			
0,10	- 0,22		S	0,21	- 0,25		S	0,10	- 0,15		S
0,23	- 0,28	540.8424.0000		0,26	- 0,35	540.8534.0000		0,16	- 0,23	540.8534.0000	
0,29	- 0,40	540.8434.0000		0,36	- 0,60	540.5704.0000		0,24	- 0,43	540.5704.0000	
0,41	- 0,57	540.4654.0000		0,61	- 1,00	540.5714.0000		0,44	- 0,59	540.5714.0000	
0,58	- 0,76	540.4664.0000		1,01	- 1,30	540.5724.0000		0,60	- 0,84	540.5724.0000	
0,77	- 1,15	540.4674.0000		1,31	- 1,70	540.5734.0000		0,85	- 1,25	540.5734.0000	
1,16	- 1,50	540.4684.0000		1,71	- 2,40	540.5744.0000		1,26	- 1,35	540.5744.0000	
1,51	- 2,00	540.4694.0000		2,41	- 3,40	540.5754.0000		1,36	- 2,40	540.5754.0000	
2,01	- 2,85	540.4704.0000		3,41	- 4,30	540.5764.0000		2,41	- 3,20	540.5764.0000	
2,86	- 3,50	540.4714.0000		4,31	- 5,60	540.9724.0205		3,21	- 4,50	540.5774.0000	
3,51	- 4,30	540.8494.0000		5,61	- 7,50	540.5774.0000		4,51	- 6,20	540.5784.0000	
4,31	- 5,10	540.9604.0000		7,51	- 10,34	540.5784.0000		6,21	- 8,20	540.5784.0000	
5,11	- 6,90	540.4724.0000								540.9924.0205	
6,91	- 8,80	540.4734.0000									
8,81	- 10,34	540.4704.0000									
		540.9604.0000									

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Ausführung (model)											
Korrosionsfest (stainless steel)				korrosionsfest (stainless steel)				korrosionsfest (stainless steel)			
p [ psig ]		Feder-Sachnummer	Indizes	p [ psig ]		Feder-Sachnummer	Indizes	p [ psig ]		Feder-Sachnummer	Indizes
von p1 up	bis p2 to			von p1 up	bis p2 to			von p1 up	bis p2 to		
DN 25 do 23				DN 40 do 37				DN 50 do 46			
1	- 3	540.8024.0000		1	- 3	540.8404.0000		2,9	3,5		S
3	- 4	540.8034.0000		3	- 5	540.8414.0000		3,6	5,0	540.8404.0000	
4	- 6	540.8044.0000		5	- 8	540.8424.0000		5,1	7,0	540.8414.0000	
6	- 8	540.8054.0000		8	- 12	540.8434.0000		7,1	9,5	540.8424.0000	
8	- 11	540.4004.0000		12	- 17	540.4654.0000		9,6	14,5	540.8434.0000	
11	- 15	540.4014.0000		17	- 22	540.4664.0000		14,6	20,3	540.4654.0000	
15	- 20	540.4024.0000		22	- 32	540.4674.0000		20,4	28,2	540.4664.0000	
20	- 26	540.4034.0000		32	- 38	540.4684.0000		28,3	39,8	540.4674.0000	
26	- 33	540.4044.0000		38	- 49	540.4694.0000		39,9	53,7	540.4684.0000	
33	- 51	540.4054.0000		49	- 78	540.4704.0000		53,8	77,6	540.4694.0000	
51	- 73	540.4064.0000		78	- 123	540.4714.0000		77,7	114,6	540.4704.0000	
73	- 123	540.4074.0000		123	- 181	540.9604.0000		114,7	158,1	540.4714.0000	
123	- 181	540.4084.0000		191	- 232	540.4724.0000		158,2	217,5	540.8494.0000	
181	- 232	540.4344.0000									
DN 65 do 60				DN 80 do 74				DN 100 do 92			
1	- 3		S	3	- 4		S	1	- 2		S
3	- 4	540.8424.0000		4	- 5	540.8534.0000		2	- 3	540.8534.0000	
4	- 6	540.8434.0000		5	- 9	540.5704.0000		3	- 6	540.5704.0000	
6	- 8	540.4654.0000		9	- 15	540.5714.0000		6	- 9	540.5714.0000	
8	- 11	540.4664.0000		15	- 19	540.5724.0000		9	- 12	540.5724.0000	
11	- 17	540.4674.0000		19	- 25	540.5734.0000		12	- 18	540.5734.0000	
17	- 22	540.4684.0000		25	- 35	540.5744.0000		18	- 25	540.5744.0000	
22	- 29	540.4694.0000		35	- 49	540.5754.0000		25	- 35	540.5754.0000	
29	- 41	540.4704.0000		49	- 62	540.5764.0000		35	- 46	540.5764.0000	
41	- 51	540.4714.0000		62	- 81	540.9724.0000		46	- 65	540.5774.0000	
51	- 62	540.8494.0000		81	- 109	540.5774.0000		65	- 90	540.5784.0000	
62	- 74	540.9604.0000		109	- 150	540.5784.0000		90	- 119	540.5784.0000	
74	- 100	540.4724.0000								540.9924.0205	
100	- 127	540.4734.0000									
127	- 150	540.4704.0000									
		540.9604.0000									

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