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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 444.

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 444.

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

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

3 References

LDeS 3060.01, LDeS 3265.01

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|------------------|------|------------------|---------|-------------------|---------|---------------|-----------|
| disclosure cat.: | II | proofread: | MD | published date: | 1/10/13 | effect. date: | 10/11 |
| author: | Schm | released by: | BJ | replaces: | 060-26 | status: | published |
| resp. depart.: | TB | date of release: | 1/10/13 | revision No.: | 1 | | |
| doc. type: | LGS | change rep. No.: | | retention period: | 10y. | | |

| Ausführung | | | | | | | | | | | | |
|----------------------------------|-----------|------------------|---------|--|-----------|------------------|---------|----------------------------------|-----------|------------------|---------------|---------------|
| 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 32 do 29 | | | | DN 40 do 37 | | | | |
| 0,10 | - 0,14 | 540.8014.0000 | | Nennweite nicht ausgeführt (nominal size not available) | | | | | | 0,25 | - 0,50 | 540.8414.0000 |
| 0,15 | - 0,18 | 540.8024.0000 | | | | | | | 0,51 | - 0,80 | 540.8424.0000 | |
| 0,19 | - 0,25 | 540.8034.0000 | | | | | | | 0,81 | - 1,20 | 540.8434.0000 | |
| 0,26 | - 0,34 | 540.8044.0000 | | | | | | | 1,21 | - 1,80 | 540.4654.0000 | |
| 0,35 | - 0,50 | 540.8054.0000 | | | | | | | 1,81 | - 2,40 | 540.4664.0000 | |
| 0,51 | - 0,90 | 540.4004.0000 | | | | | | | 2,41 | - 3,00 | 540.4674.0000 | |
| 0,91 | - 1,30 | 540.4014.0000 | | | | | | | 3,01 | - 4,80 | 540.4684.0000 | |
| 1,31 | - 1,70 | 540.4024.0000 | | | | | | | 4,81 | - 6,20 | 540.4694.0000 | |
| 1,71 | - 2,30 | 540.4034.0000 | | | | | | | 6,21 | - 8,60 | 540.4704.0000 | |
| 2,31 | - 2,70 | 540.4044.0000 | | | | | | | 8,61 | -12,80 | 540.4714.0000 | |
| 2,71 | - 3,90 | 540.4054.0000 | | | | | | | 12,81 | -16,00 | 540.4724.0000 | |
| 3,91 | - 5,10 | 540.4064.0000 | | | | | | | | | | |
| 5,11 | - 8,00 | 540.4074.0000 | | | | | | | | | | |
| 8,01 | -10,50 | 540.4084.0000 | | | | | | | | | | |
| 10,51 | -14,50 | 540.4094.0000 | | | | | | | | | | |
| 14,51 | -16,00 | 540.4104.0000 | | | | | | | | | | |
| DN 50 do 46 | | | | DN 65 do 60 | | | | DN 80 do 74 | | | | |
| 0,20 | - 0,33 | 540.8414.0000 | | 0,25 | - 0,42 | 540.8514.0000 | | 0,20 | - 0,30 | 540.8514.0000 | | |
| 0,34 | - 0,50 | 540.8424.0000 | | 0,43 | - 0,70 | 540.8534.0000 | | 0,31 | - 0,50 | 540.8534.0000 | | |
| 0,51 | - 0,75 | 540.8434.0000 | | 0,71 | - 1,00 | 540.8544.0000 | | 0,51 | - 0,70 | 540.8544.0000 | | |
| 0,76 | - 1,05 | 540.4645.0000 | | 1,01 | - 1,30 | 540.5704.0000 | | 0,71 | - 0,95 | 540.5704.0000 | | |
| 1,06 | - 1,50 | 540.4664.0000 | | 1,31 | - 1,75 | 540.5714.0000 | | 0,96 | - 1,40 | 540.5714.0000 | | |
| 1,51 | - 2,00 | 540.4674.0000 | | 1,76 | - 2,30 | 540.5724.0000 | | 1,41 | - 1,70 | 540.5724.0000 | | |
| 2,01 | - 2,90 | 540.4684.0000 | | 2,31 | - 3,50 | 540.5734.0000 | | 1,71 | - 2,05 | 540.5734.0000 | | |
| 2,91 | - 4,00 | 540.4694.0000 | | 3,51 | - 4,80 | 540.5744.0000 | | 2,06 | - 3,30 | 540.5744.0000 | | |
| 4,01 | - 5,30 | 540.4704.0000 | | 4,81 | - 7,50 | 540.5754.0000 | | 3,31 | - 5,10 | 540.5754.0000 | | |
| 5,31 | - 7,50 | 540.4714.0000 | | 7,51 | -10,00 | 540.5764.0000 | | 5,11 | - 6,80 | 540.5764.0000 | | |
| 7,51 | - 9,50 | 540.8494.0000 | | 10,01 | -13,50 | 540.5774.0000 | | 6,81 | - 9,00 | 540.5774.0000 | | |
| 9,51 | -11,00 | 540.9604.0000 | | 13,51 | -16,00 | 540.5764.0000 | | 9,01 | -12,30 | 540.5784.0000 | | |
| 11,01 | -13,00 | 540.4724.0000 | | | | 540.9924.0205 | | 12,31 | -16,00 | 540.5784.0000 | | |
| 13,01 | -15,00 | 540.4694.0000 | | | | | | | | 540.9924.0205 | | |
| | | 540.9604.0000 | | | | | | | | | | |
| 15,01 | -16,00 | 540.4704.0000 | | | | | | | | | | |
| | | 540.9604.0000 | | | | | | | | | | |

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| resp. depart.: | TB | date of release: | 1/10/13 | revision No.: | 1 | | |
| doc. type: | LGS | change rep. No.: | | retention period: | 10y. | | |

| Ausführung (model) | | | | | | | | | | | | |
|----------------------------------|-----------------|--------------------------|---------|--|-----------------|--------------------------|---------|----------------------------------|-----------------|--------------------------|---------|--|
| korrosionsfest (stainless steel) | | | | korrosionsfest (stainless steel) | | | | korrosionsfest (stainless steel) | | | | |
| 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 | | | |
| DN 25 do 23 | | | | DN 32 do 29 | | | | DN 40 do 37 | | | | |
| 1 | - 2 | 540.8014.0000 | | Nennweite nicht ausgeführt (nominal size not available) | | | | 4 | - 7 | 540.8414.0000 | | |
| 2 | - 3 | 540.8024.0000 | | | | | | 7 | - 12 | 540.8424.0000 | | |
| 3 | - 4 | 540.8034.0000 | | | | | | 12 | - 18 | 540.8434.0000 | | |
| 4 | - 5 | 540.8044.0000 | | | | | | 18 | - 26 | 540.4654.0000 | | |
| 5 | - 7 | 540.8054.0000 | | | | | | 26 | - 35 | 540.4664.0000 | | |
| 7 | - 13 | 540.4004.0000 | | | | | | 35 | - 44 | 540.4674.0000 | | |
| 13 | - 19 | 540.4014.0000 | | | | | | 44 | - 70 | 540.4684.0000 | | |
| 19 | - 25 | 540.4024.0000 | | | | | | 70 | - 90 | 540.4694.0000 | | |
| 25 | - 33 | 540.4034.0000 | | | | | | 90 | - 125 | 540.4704.0000 | | |
| 33 | - 39 | 540.4044.0000 | | | | | | 125 | - 186 | 540.4714.0000 | | |
| 39 | - 57 | 540.4054.0000 | | | | | | 186 | - 232 | 540.4724.0000 | | |
| 57 | - 74 | 540.4064.0000 | | | | | | | | | | |
| 74 | - 116 | 540.4074.0000 | | | | | | | | | | |
| 116 | - 152 | 540.4084.0000 | | | | | | | | | | |
| 152 | - 210 | 540.4094.0000 | | | | | | | | | | |
| 210 | - 232 | 540.4104.0000 | | | | | | | | | | |
| DN 50 do 46 | | | | DN 65 do 60 | | | | DN 80 do 74 | | | | |
| 3 | - 5 | 540.8414.0000 | | 4 | - 6 | 540.8514.0000 | | 3 | - 4 | 540.8514.0000 | | |
| 5 | - 7 | 540.8424.0000 | | 6 | - 10 | 540.8534.0000 | | 4 | - 7 | 540.8534.0000 | | |
| 7 | - 11 | 540.8434.0000 | | 10 | - 15 | 540.8544.0000 | | 7 | - 10 | 540.8544.0000 | | |
| 11 | - 15 | 540.4645.0000 | | 15 | - 19 | 540.5704.0000 | | 10 | - 14 | 540.5704.0000 | | |
| 15 | - 22 | 540.4664.0000 | | 19 | - 26 | 540.5714.0000 | | 14 | - 20 | 540.5714.0000 | | |
| 22 | - 29 | 540.4674.0000 | | 26 | - 33 | 540.5724.0000 | | 20 | - 25 | 540.5724.0000 | | |
| 29 | - 42 | 540.4684.0000 | | 33 | - 51 | 540.5734.0000 | | 25 | - 30 | 540.5734.0000 | | |
| 42 | - 58 | 540.4694.0000 | | 51 | - 70 | 540.5744.0000 | | 30 | - 48 | 540.5744.0000 | | |
| 58 | - 77 | 540.4704.0000 | | 70 | - 109 | 540.5754.0000 | | 48 | - 74 | 540.5754.0000 | | |
| 77 | - 109 | 540.4714.0000 | | 109 | - 145 | 540.5764.0000 | | 74 | - 99 | 540.5764.0000 | | |
| 109 | - 138 | 540.8494.0000 | | 145 | - 196 | 540.5774.0000 | | 99 | - 131 | 540.5774.0000 | | |
| 138 | - 160 | 540.9604.0000 | | 196 | - 232 | 540.5764.0000 | | 131 | - 178 | 540.5784.0000 | | |
| 160 | - 189 | 540.4724.0000 | | | | 540.9924.0205 | | 178 | - 232 | 540.5784.0000 | | |
| 189 | - 218 | 540.4694.0000 | | | | | | | | 540.9924.0205 | | |
| | | 540.9604.0000 | | | | | | | | | | |
| 218 | - 232 | 540.4704.0000 | | | | | | | | | | |
| | | 540.9604.0000 | | | | | | | | | | |

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| author: | Schm | released by: | BJ | replaces: | 060-26 | status: | published |
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