

# SKF Agricultural chains

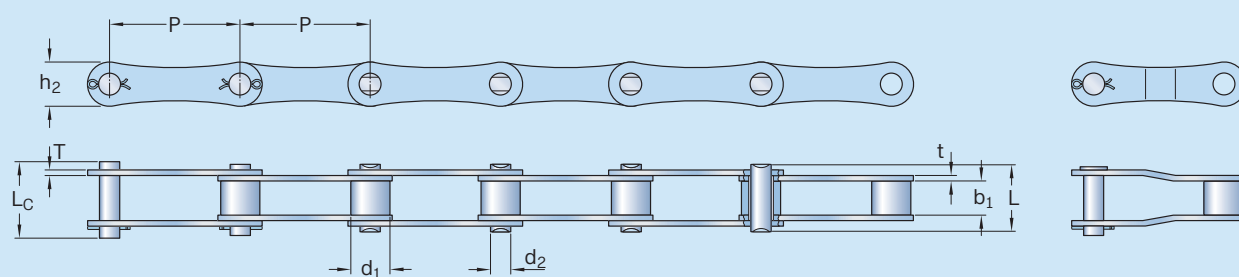
The SKF agricultural range of chains are used extensively in the general agricultural industry for either light duty drive chains, or with a range of optional attachments, (typically K and A types) are used for conveyor drives and elevators.

Applications may include combined harvesters, grain elevators, grading machines, balers, amongst others. They may also be used on light duty elevator applications.

The SKF series interchanges with the industry standards in use today. Special treatments such as zinc plating are available on request.

Table 1

## S Type Steel Agricultural Roller Chains (standard series)



| SKF Chain number | Dimensions |      | Roller diameter    | Width between inner plates | Pin diameter       | Pin length |                    | Inner plate height | Plate thickness |       | Ultimate tensile strength | Average tensile strength | Weight per meter | Designation |
|------------------|------------|------|--------------------|----------------------------|--------------------|------------|--------------------|--------------------|-----------------|-------|---------------------------|--------------------------|------------------|-------------|
|                  | P          |      | d <sub>1</sub> max | b <sub>1</sub> min         | d <sub>2</sub> max | L max      | L <sub>C</sub> max | h <sub>2</sub> max | t max           | T max | Q min                     | Q <sub>0</sub>           | q                |             |
| –                | mm         | inch | mm                 |                            |                    |            |                    |                    |                 |       | kN                        |                          | kg/m             | –           |
| <b>S32</b>       | 29,21      | 1,15 | 11,43              | 15,88                      | 4,45               | 26,7       | 28,8               | 13,2               | 1,8             | 1,8   | 8,0                       | 21,6                     | 0,86             | PHC S32X... |
| <b>S42</b>       | 34,93      | 1,38 | 14,27              | 19,05                      | 7,0                | 34,3       | 37,0               | 19,8               | 2,8             | 2,8   | 27,0                      | 50,8                     | 1,6              | PHC S42X... |
| <b>S45</b>       | 41,4       | 1,63 | 15,24              | 22,23                      | 5,72               | 37,7       | 40,4               | 17,3               | 2,8             | 2,8   | 18,0                      | 36,1                     | 1,66             | PHC S45X... |
| <b>S52</b>       | 38,1       | 1,50 | 15,24              | 22,23                      | 5,72               | 37,7       | 40,4               | 17,3               | 2,8             | 2,8   | 18,0                      | 36,1                     | 1,68             | PHC S52X... |
| <b>S55</b>       | 41,4       | 1,63 | 17,78              | 22,23                      | 5,72               | 37,7       | 40,4               | 17,3               | 2,8             | 2,8   | 18,0                      | 36,1                     | 1,8              | PHC S55X... |
| <b>S62</b>       | 41,91      | 1,65 | 19,05              | 26,2                       | 5,72               | 40,3       | 43,0               | 17,3               | 2,5             | 2,5   | 26,7                      | 36,1                     | 1,87             | PHC S62X... |
| <b>S77</b>       | 58,34      | 2,30 | 18,26              | 22,23                      | 8,9                | 43,2       | 46,4               | 26,2               | 4,0             | 4,0   | 45,0                      | 73,1                     | 2,66             | PHC S77X... |
| <b>S88</b>       | 66,27      | 2,61 | 22,86              | 28,58                      | 8,9                | 49,8       | 53,0               | 26,2               | 4,0             | 4,0   | 45,0                      | 73,1                     | 3,25             | PHC S88X... |