



No measures are required.
 Useable with measures.
 Reduce exposure duration.

model	daily exposure time [h]	time sequence operating mode (idling/ full load/ nom. speed)	standard	equivalent vibration level handle left a hv,eq [m/s ²]	equivalent vibration level handle right a hv,eq [m/s ²]	daily vibration exposure handle left A(8) [m/s ²]	daily vibration exposure handle right A(8) [m/s ²]
SP 92 C-E	3,0	1/7 LL - 6/7 HD	ISO 20643	5,8	6,4	3,6	3,9
SP 92 TC-E	3,0	1/7 LL - 6/7 HD	ISO 20643	6,6	6,1	4,0	3,7
SP 401	3,0	1/2 LL - 1/2 AD	ISO 20643	5,7	5,7	3,5	3,5
SP 451	3,0	1/2 LL - 1/2 AD	ISO 20643	5,7	5,7	3,5	3,5
SP 452	3,0	1/2 LL - 1/2 AD	ISO 20643	8,0	5,5	4,9	3,4
SP 471	3,0	1/2 LL - 1/2 AD	ISO 20643	5,7	5,7	3,5	3,5
SP 481	3,0	1/2 LL - 1/2 AD	ISO 20643	5,7	5,7	3,5	3,5
SP 482	3,0	1/2 LL - 1/2 AD	ISO 20643	8,0	5,5	4,9	3,4
SP 81	3,0	1/7 LL - 6/7 HD	EN ISO 11680-1	6,2	10,2	3,8	6,2
SP 90	3,0	1/7 LL - 6/7 HD	EN ISO 11680-1	7,4	6,4	4,5	3,9
SP 90 T	3,0	1/7 LL - 6/7 HD	EN ISO 11680-1	7,4	6,4	4,5	3,9
SP 200	3,0	1/2 LL - 1/2 AD	EN ISO 11680-1	2,8	11,0	1,7	6,7
SP 400	3,0	1/2 LL - 1/2 AD	EN ISO 11680-1	26,8	25,7	16,4	15,8
SP 450	3,0	1/2 LL - 1/2 AD	EN ISO 11680-1	26,8	25,7	16,4	15,8

All data is subject to change and applicable to European versions only.