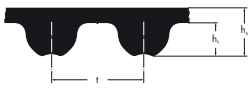

Profiles:
3MHP, 5MHP,
8MHP, 14MHP

optibelt OMEGA HP

HIGH PERFORMANCE TIMING BELT MADE OF CHLOROPRENE

maintenance-free, with glass-fibre tension cord

	3MHP	5MHP	8MHP	14MHP
Nominal length	Pitch length L_w	Pitch length L_w	Pitch length L_w	Pitch length L_w
Nominal lengths unit	mm	mm	mm	mm
Height of belt h [mm]	2,30	3,40	5,40	9,50
Tooth height h_t [mm]	1,10	1,90	3,20	5,60
Tooth pitch t [mm]	3,00	5,00	8,00	14,00

• Non stock items
Further dimensions are available on request; minimum order quantity on request
Profile 2MHP on request

8MHP / 14MHP Standard antist. ISO 9563

Surcharges for alternative versions:

Not all dimensions are available for all of the alternative versions.
The feasibility, minimum order quantity and delivery period must be assessed in each case.

OMEGA HP SPECIAL (upgrade)
For details of the upgraded/cast special belts please see our compact catalogue „Material Handling“

Extra oil and heat resistant	+ 150 %
Special abrasion class G1	+ 25 %
Aramidcord	+ 60 %
Optimit red or white coating 42 - 75 Shore A	on request
Restrictions to standard tolerances for width or length	on request
Ribbed belt profile PK on belt back	on request
Strengthened belt back	on request
Special cord (only S or Z spooling)	on request
Includes certificate according to ISO 9563	+ 20 %

Ordering example OMEGA HP: 111 3MHP 6

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Description	L_w(mm)	Number of teeth	Sleeve width (mm)
3MHP			
3MHP 111 •	111,00	37	470
3MHP 129 •	129,00	43	470
3MHP 141 •	141,00	47	470
3MHP 144	144,00	48	470
3MHP 150 •	150,00	50	470
3MHP 159 •	159,00	53	470
3MHP 165 •	165,00	55	470
3MHP 168 •	168,00	56	470
3MHP 171 •	171,00	57	470
3MHP 174	174,00	58	470
3MHP 177	177,00	59	470
3MHP 180 •	180,00	60	470
3MHP 183 •	183,00	61	470
3MHP 186 •	186,00	62	470
3MHP 192 •	192,00	64	470
3MHP 195 •	195,00	65	470
3MHP 201	201,00	67	470
3MHP 204 •	204,00	68	470
3MHP 207	207,00	69	470
3MHP 210	210,00	70	470
3MHP 213 •	213,00	71	470
3MHP 219 •	219,00	73	470
3MHP 225	225,00	75	470
3MHP 237	237,00	79	470
3MHP 240	240,00	80	470
3MHP 246 •	246,00	82	470
3MHP 249 •	249,00	83	470
3MHP 252 •	252,00	84	470
3MHP 255	255,00	85	470
3MHP 267 •	267,00	89	470
3MHP 276	276,00	92	470
3MHP 282 •	282,00	94	470
3MHP 285	285,00	95	470
3MHP 288 •	288,00	96	470
3MHP 291 •	291,00	97	470
3MHP 294 •	294,00	98	470
3MHP 300	300,00	100	470
3MHP 312	312,00	104	470
3MHP 315 •	315,00	105	470
3MHP 318	318,00	106	470
3MHP 330	330,00	110	470
3MHP 333 •	333,00	111	470
3MHP 339 •	339,00	113	470
3MHP 345 •	345,00	115	470
3MHP 357	357,00	119	470
3MHP 363	363,00	121	470
3MHP 366 •	366,00	122	470
3MHP 384	384,00	128	470
3MHP 390 •	390,00	130	470
3MHP 420	420,00	140	470
3MHP 426 •	426,00	142	470

DRIVE SYSTEMS

Description	L_w(mm)	Number of teeth	Sleeve width (mm)
3MHP 435 •	435,00	145	470
3MHP 447	447,00	149	470
3MHP 462 •	462,00	154	470
3MHP 474	474,00	158	470
3MHP 480 •	480,00	160	470
3MHP 486 •	486,00	162	470
3MHP 495 •	495,00	165	470
3MHP 501	501,00	167	470
3MHP 513	513,00	171	470
3MHP 519 •	519,00	173	470
3MHP 522 •	522,00	174	470
3MHP 525 •	525,00	175	470
3MHP 531 •	531,00	177	470
3MHP 537 •	537,00	179	470
3MHP 558 •	558,00	186	470
3MHP 564 •	564,00	188	470
3MHP 570 •	570,00	190	470
3MHP 582 •	582,00	194	470
3MHP 597	597,00	199	470
3MHP 600 •	600,00	200	470
3MHP 606 •	606,00	202	470
3MHP 615 •	615,00	205	470
3MHP 633 •	633,00	211	470
3MHP 669	669,00	223	470
3MHP 675 •	675,00	225	470
3MHP 711 •	711,00	237	470
3MHP 738 •	738,00	246	470
3MHP 804 •	804,00	268	470
3MHP 816 •	816,00	272	470
3MHP 843 •	843,00	281	470
3MHP 882 •	882,00	294	470
3MHP 888 •	888,00	296	470
3MHP 1062 •	1062,00	354	500
3MHP 1569 •	1569,00	523	500
3MHP 1587 •	1587,00	529	500
3MHP 1692 •	1692,00	564	500

Description	L_w(mm)	Number of teeth	Sleeve width (mm)
5MHP			
5MHP 180	180,00	36	470
5MHP 225	225,00	45	470
5MHP 255	255,00	51	470
5MHP 265	265,00	53	470
5MHP 270 •	270,00	54	470
5MHP 275 •	275,00	55	470
5MHP 280 •	280,00	56	470
5MHP 295 •	295,00	59	470
5MHP 300 •	300,00	60	470
5MHP 305	305,00	61	470
5MHP 325	325,00	65	470
5MHP 330	330,00	66	470

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Description	L_w(mm)	Number of teeth	Sleeve width (mm)
5MHP 340 •	340,00	68	470
5MHP 350	350,00	70	470
5MHP 360	360,00	72	470
5MHP 365 •	365,00	73	470
5MHP 370 •	370,00	74	470
5MHP 375	375,00	75	470
5MHP 385 •	385,00	77	470
5MHP 400	400,00	80	470
5MHP 415 •	415,00	83	470
5MHP 420 •	420,00	84	470
5MHP 425	425,00	85	470
5MHP 450	450,00	90	470
5MHP 460 •	460,00	92	470
5MHP 475	475,00	95	470
5MHP 490 •	490,00	98	470
5MHP 500	500,00	100	470
5MHP 520 •	520,00	104	470
5MHP 525	525,00	105	470
5MHP 535	535,00	107	470
5MHP 540 •	540,00	108	470
5MHP 550	550,00	110	500
5MHP 560 •	560,00	112	500
5MHP 565	565,00	113	500
5MHP 575 •	575,00	115	500
5MHP 580 •	580,00	116	500
5MHP 600	600,00	120	500
5MHP 610 •	610,00	122	500
5MHP 615 •	615,00	123	500
5MHP 630	630,00	126	500
5MHP 635	635,00	127	500
5MHP 640 •	640,00	128	500
5MHP 645	645,00	129	500
5MHP 650 •	650,00	130	500
5MHP 665	665,00	133	500
5MHP 670 •	670,00	134	500
5MHP 700	700,00	140	500
5MHP 710	710,00	142	500
5MHP 720 •	720,00	144	500
5MHP 740	740,00	148	500
5MHP 750 •	750,00	150	500
5MHP 755	755,00	151	500
5MHP 775 •	775,00	155	500
5MHP 790 •	790,00	158	500
5MHP 800	800,00	160	500
5MHP 825 •	825,00	165	500
5MHP 830 •	830,00	166	500
5MHP 835	835,00	167	500
5MHP 850 •	850,00	170	500
5MHP 860 •	860,00	172	500
5MHP 890	890,00	178	500
5MHP 900	900,00	180	500
5MHP 925	925,00	185	500

DRIVE SYSTEMS

Description	L_w(mm)	Number of teeth	Sleeve width (mm)
5MHP 935 •	935,00	187	500
5MHP 940 •	940,00	188	500
5MHP 950	950,00	190	500
5MHP 965 •	965,00	193	500
5MHP 975 •	975,00	195	500
5MHP 980 •	980,00	196	500
5MHP 1000	1000,00	200	500
5MHP 1025 •	1025,00	205	500
5MHP 1035 •	1035,00	207	500
5MHP 1050	1050,00	210	500
5MHP 1100 •	1100,00	220	500
5MHP 1125	1125,00	225	500
5MHP 1135 •	1135,00	227	500
5MHP 1200 •	1200,00	240	500
5MHP 1270 •	1270,00	254	500
5MHP 1380 •	1380,00	276	500
5MHP 1400 •	1400,00	280	500
5MHP 1420	1420,00	284	500
5MHP 1425 •	1425,00	285	500
5MHP 1500 •	1500,00	300	500
5MHP 1595 •	1595,00	319	500
5MHP 1690 •	1690,00	338	500
5MHP 1790 •	1790,00	358	500
5MHP 1870 •	1870,00	374	500
5MHP 1895 •	1895,00	379	500
5MHP 2000 •	2000,00	400	500
5MHP 2110 •	2110,00	422	500
5MHP 2350 •	2350,00	470	500
5MHP 2525 •	2525,00	505	500

Description	L_w(mm)	Number of teeth	Sleeve width (mm)
8MHP			
8MHP 288 •	288,00	36	470
8MHP 352 •	352,00	44	470
8MHP 376 •	376,00	47	470
8MHP 416 •	416,00	52	470
8MHP 424	424,00	53	470
8MHP 480	480,00	60	470
8MHP 512	512,00	64	470
8MHP 520	520,00	65	470
8MHP 536 •	536,00	67	470
8MHP 560	560,00	70	470
8MHP 576	576,00	72	470
8MHP 584 •	584,00	73	470
8MHP 600	600,00	75	470
8MHP 608	608,00	76	470
8MHP 624 •	624,00	78	500
8MHP 632	632,00	79	500
8MHP 640	640,00	80	500
8MHP 656	656,00	82	500
8MHP 680	680,00	85	500

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Description	L_w(mm)	Number of teeth	Sleeve width (mm)
8MHP 712	712,00	89	500
8MHP 720	720,00	90	500
8MHP 760	760,00	95	500
8MHP 776	776,00	97	500
8MHP 784	784,00	98	500
8MHP 800	800,00	100	500
8MHP 824	824,00	103	500
8MHP 840	840,00	105	500
8MHP 848	848,00	106	500
8MHP 856	856,00	107	500
8MHP 880	880,00	110	500
8MHP 896	896,00	112	500
8MHP 912	912,00	114	500
8MHP 920	920,00	115	500
8MHP 960	960,00	120	500
8MHP 976	976,00	122	500
8MHP 1000	1000,00	125	500
8MHP 1040	1040,00	130	500
8MHP 1056 •	1056,00	132	500
8MHP 1064	1064,00	133	500
8MHP 1080	1080,00	135	500
8MHP 1096 •	1096,00	137	500
8MHP 1120	1120,00	140	500
8MHP 1128	1128,00	141	500
8MHP 1160	1160,00	145	500
8MHP 1184 •	1184,00	148	500
8MHP 1200	1200,00	150	500
8MHP 1216	1216,00	152	500
8MHP 1224	1224,00	153	500
8MHP 1248 •	1248,00	156	500
8MHP 1256	1256,00	157	500
8MHP 1264 •	1264,00	158	500
8MHP 1280	1280,00	160	500
8MHP 1304	1304,00	163	500
8MHP 1328 •	1328,00	166	500
8MHP 1344 •	1344,00	168	500
8MHP 1360	1360,00	170	500
8MHP 1400	1400,00	175	500
8MHP 1424	1424,00	178	500
8MHP 1440	1440,00	180	500
8MHP 1520	1520,00	190	500
8MHP 1552	1552,00	194	500
8MHP 1584 •	1584,00	198	500
8MHP 1600	1600,00	200	500
8MHP 1680 •	1680,00	210	500
8MHP 1696	1696,00	212	500
8MHP 1728 •	1728,00	216	500
8MHP 1760	1760,00	220	500
8MHP 1800	1800,00	225	500
8MHP 1904 •	1904,00	238	500
8MHP 1936	1936,00	242	500
8MHP 2000	2000,00	250	500

DRIVE SYSTEMS

Description	L_w(mm)	Number of teeth	Sleeve width (mm)
8MHP 2080 •	2080,00	260	500
8MHP 2104 •	2104,00	263	500
8MHP 2240	2240,00	280	500
8MHP 2248	2248,00	281	500
8MHP 2272	2272,00	284	500
8MHP 2400	2400,00	300	500
8MHP 2504	2504,00	313	500
8MHP 2600	2600,00	325	500
8MHP 2800	2800,00	350	500
8MHP 3048	3048,00	381	500
8MHP 3280	3280,00	410	500
8MHP 3600	3600,00	450	500

Description	L_w(mm)	Number of teeth	Sleeve width (mm)
14MHP			
14MHP 966	966,00	69	500
14MHP 1092	1092,00	78	500
14MHP 1190	1190,00	85	500
14MHP 1344 •	1344,00	96	500
14MHP 1400	1400,00	100	500
14MHP 1456 •	1456,00	104	500
14MHP 1512 •	1512,00	108	500
14MHP 1540 •	1540,00	110	470
14MHP 1610	1610,00	115	500
14MHP 1680 •	1680,00	120	500
14MHP 1778	1778,00	127	500
14MHP 1890	1890,00	135	500
14MHP 2100	2100,00	150	500
14MHP 2310	2310,00	165	500
14MHP 2450	2450,00	175	500
14MHP 2590	2590,00	185	500
14MHP 2800	2800,00	200	500
14MHP 3150	3150,00	225	500
14MHP 3360	3360,00	240	500
14MHP 3500	3500,00	250	500
14MHP 3850	3850,00	275	500
14MHP 4326	4326,00	309	500
14MHP 4578	4578,00	327	500

DRIVE SYSTEMS

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