



Hydraulic Withdrawal Sleeve

Code	d1 mm	d mm	l mm	G	G1
AOH 2236	170	180	105	M 200x3	M6x1
AOH 2238	180	190	112	Tr 210x4	M6x1
AOH 2240	190	200	118	Tr 220x4	M6x1
AOH 2244	200	220	130	Tr 240x4	G1/8"x28FPP
AOH 2248	220	240	144	Tr 260x4	G1/8"x28FPP
AOH 2252	240	260	155	Tr 290x4	G1/8"x28FPP
AOH 2256	260	280	155	Tr 310x5	G1/8"x28FPP
AOH 2260	280	300	170	Tr 330x5	G1/8"x28FPP
AOH 2264	300	320	180	Tr 350x5	G1/8"x28FPP
AOH 2332	150	160	140	M 180x3	M6x1
AOH 2334	160	170	146	M 190x3	M6x1
AOH 2336	170	180	154	M 200x3	M6x1
AOH 2338	180	190	160	Tr 210x4	M6x1
AOH 2340	190	200	170	Tr 220x4	M6x1
AOH 2344	200	220	181	Tr 240x4	G1/8"x28FPP
AOH 2348	220	240	189	Tr 260x4	G1/8"x28FPP
AOH 2352	240	260	205	Tr 290x4	G1/8"x28FPP
AOH 2356	260	280	212	Tr 310x5	G1/8"x28FPP
Code	d1 mm	d mm	l mm	G	G1
AOH 3032	150	160	77	M 170x3	M6x1
AOH 3034	160	170	85	M 180x3	M6x1
AOH 3036	170	180	92	M 190x3	M6x1
AOH 3038	180	190	96	Tr 205x4	M6x1
AOH 3040	190	200	102	Tr 215x4	M6x1
AOH 3044	200	220	111	Tr 235x4	G1/8"x28FPP

AOH 3048	220	240	116	Tr 260x4	G1/8"x28FPP
AOH 3052	240	260	128	Tr 280x4	G1/8"x28FPP
AOH 3056	260	280	131	Tr 300x4	G1/8"x28FPP
AOH 3060	280	300	145	Tr 320x5	G1/8"x28FPP
AOH 3064	300	320	149	Tr 345x5	G1/8"x28FPP
AOH 3068	320	340	162	Tr 365x5	G1/8"x28FPP
AOH 3072	340	360	167	Tr 385x5	G1/8"x28FPP
AOH 3076	360	380	170	Tr 410x5	G1/8"x28FPP
AOH 3080	380	400	183	Tr 430x5	G1/8"x28FPP
AOH 3084	400	420	186	Tr 450x5	G1/8"x28FPP
AOHX 3088	420	440	194	Tr 470x5	G1/8"x28FPP
AOHX 3092	440	460	202	Tr 490x5	G1/8"x28FPP
AOHX 3096	460	480	205	Tr 520x6	G1/8"x28FPP
Code	d1	d	l	G	G1
	mm	mm	mm		
AOHX 30/500	480	500	209	Tr 540x6	G1/8"x28FPP
AOH 30/530	500	530	230	Tr 560x6	G1/4"x19FPP
AOH 30/560	530	560	240	Tr 590x6	G1/4"x19FPP
AOHX 30/560	530	560	240	Tr 600x6	G1/4"x19FPP
AOH 30/600	560	600	245	Tr 630x6	G1/4"x19FPP
AOHX 30/600	570	600	245	Tr 630x6	G1/4"x19FPP
AOH 30/630	600	630	258	Tr 670x6	G1/4"x19FPP
AOH 30/670	630	670	280	Tr 710x7	G1/4"x19FPP
AOH 30/710	670	710	286	Tr 750x7	G1/4"x19FPP
AOHX 30/710	670	710	286	Tr 750x7	G1/4"x19FPP
AOH 30/750	710	750	300	Tr 800x7	G1/4"x19FPP
AOH 30/800	750	800	308	Tr 850x7	G1/4"x19FPP
AOH 30/850	800	850	325	Tr 900x7	G1/4"x19FPP
AOH 30/900	850	900	335	Tr 950x8	G1/4"x19FPP
AOH 30/950	900	950	355	Tr 1000x8	G1/4"x19FPP
AOH 30/1000	950	1000	365	Tr 1060x8	G1/4"x19FPP
AOH 30/1060	1000	1060	385	Tr 1120x8	G1/4"x19FPP
AOH 3132	150	160	103	M 180x3	M6x1
AOH 3134	160	170	104	M 190x3	M6x1
AOH 3136	170	180	116	M 200x3	M6x1
AOH 3138	180	190	125	Tr 210x4	M6x1
AOH 3140	190	200	134	Tr 220x4	M6x1
AOH 3144	200	220	145	Tr 240x4	G1/8"x28FPP
AOH 3148	220	240	154	Tr 260x4	G1/8"x28FPP
Code	d1	d	l	G	G1
	mm	mm	mm		
AOH 3152	240	260	172	Tr 290x4	G1/8"x28FPP
AOH 3156	260	280	175	Tr 310x5	G1/8"x28FPP
AOH 3160	280	300	192	Tr 330x5	G1/8"x28FPP
AOH 3164	300	320	209	Tr 350x5	G1/8"x28FPP
AOH 3168	320	340	225	Tr 370x5	G1/8"x28FPP
AOH 3172	340	360	229	Tr 400x5	G1/8"x28FPP

AOH 3176	360	380	232	Tr 420x5	G1/8"x28FPP
AOH 3180	380	400	240	Tr 440x5	G1/8"x28FPP
AOH 3184	400	420	266	Tr 460x5	G1/8"x28FPP
AOHX 3188	420	440	270	Tr 480x5	G1/8"x28FPP
AOHX 3192	440	460	285	Tr 510x6	G1/8"x28FPP
AOHX 3196	460	480	295	Tr 530x6	G1/8"x28FPP
AOHX 31/500	480	500	313	Tr 550x6	G1/8"x28FPP
AOH 31/530	500	530	325	Tr 560x6	G1/4"x19FPP
AOH 31/560	530	560	335	Tr 590x6	G1/4"x19FPP
AOH 31/600	560	600	355	Tr 630x6	G1/4"x19FPP
AOH 31/630	600	630	375	Tr 670x6	G1/4"x19FPP

Code	d1 mm	d mm	l mm	G	G1
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AOH 31/670	630	670	395	Tr 710x7	G1/4"x19FPP
AOHX 31/670	630	670	395	Tr 710x7	G1/4"x19FPP
AOH 31/710	670	710	405	Tr 750x7	G1/4"x19FPP
AOHX 31/710	670	710	405	Tr 750x7	G1/4"x19FPP
AOH 31/750	710	750	425	Tr 800x7	G1/4"x19FPP
AOH 31/800	750	800	438	Tr 850x7	G1/4"x19FPP
AOH 31/850	800	850	462	Tr 900x7	G1/4"x19FPP
AOH 31/900	850	900	475	Tr 950x8	G1/4"x19FPP
AOH 31/950	900	950	500	Tr 1000x8	G1/4"x19FPP
AOH 31/1000	950	1000	525	Tr 1060x8	G1/4"x19FPP
AOH 31/1060	1000	1060	540	Tr 1120x8	G1/4"x19FPP
AOH 3232	150	160	124	M 180x3	M6x1
AOH 3234	160	170	134	M 190x3	M6x1
AOH 3236	170	180	140	M 200x3	M6x1
AOH 3238	180	190	145	Tr 210x4	M6x1
AOH 3240	190	200	153	Tr 220x4	M6x1
AOH 3260	280	300	228	Tr 330x5	G1/8"x28FPP
AOH 3264	300	320	246	Tr 350x5	G1/8"x28FPP
AOH 3268	320	340	264	Tr 370x5	G1/8"x28FPP
AOH 3272	340	360	274	Tr 400x5	G1/8"x28FPP
AOH 3276	360	380	284	Tr 420x5	G1/8"x28FPP

Code	d1 mm	d mm	l mm	G	G1
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AOH 3280	380	400	302	Tr 440x5	G1/8"x28FPP
AOH 3284	400	420	321	Tr 460x5	G1/8"x28FPP
AOHX 3288	420	440	330	Tr 480x5	G1/8"x28FPP
AOHX 3292	440	460	349	Tr 510x6	G1/8"x28FPP
AOHX 3296	460	480	364	Tr 530x6	G1/8"x28FPP
AOHX 32/500	480	500	393	Tr 550x6	G1/8"x28FPP
AOH 32/530	500	530	412	Tr 580x6	G1/4"x19FPP
AOH 32/560	530	560	422	Tr 610x6	G1/4"x19FPP
AOH 32/600	560	600	445	Tr 650x6	G1/4"x19FPP
AOH 32/630	600	630	475	Tr 680x6	G1/4"x19FPP

AOH 32/670	630	670	500	Tr 720x7	G1/4"x19FPP
AOH 32/710	670	710	515	Tr 760x7	G1/4"x19FPP
AOH 32/750	710	750	540	Tr 800x7	G1/4"x19FPP
AOH 32/800	750	800	550	Tr 850x7	G1/4"x19FPP
AOH 32/850	800	850	585	Tr 900x7	G1/4"x19FPP
AOH 32/900	850	900	585	Tr 950x8	G1/4"x19FPP
AOH 32/950	900	950	600	Tr 1000x8	G1/4"x19FPP
AOH 32/1000	950	1000	630	Tr 1060x8	G1/4"x19FPP
Code	d1	d	l	G	G1
	mm	mm	mm		
AOH 3934	160	170	59	M 180x3	M6x1
AOH 3936	170	180	66	M 190x3	M6x1
AOH 3938	180	190	66	M 200x3	M6x1
AOH 3940	190	200	77	Tr 210x4	M6x1
AOH 3944	200	220	77	Tr 230x4	M8x1,25
AOH 3948	220	240	77	Tr 250x4	M8x1,25
AOH 3952	240	260	94	Tr 275x4	M8x1,25
AOH 3956	260	280	94	Tr 295x4	M8x1,25
AOH 3960	280	300	112	Tr 315x5	M8x1,25
AOH 3964	300	320	112	Tr 335x5	M8x1,25
AOH 3968	320	340	112	Tr 355x5	M8x1,25
AOH 3972	340	360	112	Tr 375x5	M8x1,25
AOH 3976	360	380	130	Tr 395x5	M8x1,25
AOH 3980	380	400	130	Tr 415x5	M8x1,25
AOH 3984	400	420	130	Tr 435x5	M8x1,25
AOH 3988	420	440	145	Tr 460x5	G1/8"x28FPP
AOH 3992	440	460	145	Tr 480x5	G1/8"x28FPP
AOH 3996	460	480	158	Tr 500x5	G1/8"x28FPP
AOH 39/500	480	500	162	Tr 520x6	G1/8"x28FPP
AOH 39/530	500	530	175	Tr 550x6	G1/4"x19FPP
AOH 39/560	530	560	180	Tr 580x6	G1/4"x19FPP
AOH 39/600	560	600	192	Tr 625x6	G1/4"x19FPP
AOH 39/630	600	630	210	Tr 655x6	G1/4"x19FPP
AOH 39/670	630	670	216	Tr 695x6	G1/4"x19FPP
AOH 39/710	670	710	228	Tr 740x7	G1/4"x19FPP
AOH 39/750	710	750	234	Tr 780x7	G1/4"x19FPP
AOH 39/800	750	800	245	Tr 830x7	G1/4"x19FPP
AOH 39/850	800	850	258	Tr 880x7	G1/4"x19FPP
AOH 39/900	850	900	265	Tr 930x8	G1/4"x19FPP
AOH 39/950	900	950	282	Tr 980x8	G1/4"x19FPP
Code	d1	d	l	G	G1
	mm	mm	mm		
AOH 39/1000	950	1000	296	Tr 1035x8	G1/4"x19FPP
AOH 39/1060	1010	1060	310	Tr 1095x8	G1/4"x19FPP
AOH 24044	200	220	138	Tr 230x4	M6x1
AOH 24048	220	240	138	Tr 250x4	M6x1
AOH 24052	240	260	162	Tr 270x4	M6x1

AOH 24056	260	280	162	Tr 290x4	M6x1
AOH 24060	280	300	184	Tr 310x5	M6x1
AOH 24064	300	320	184	Tr 330x5	M6x1
AOH 24068	320	340	206	Tr 360x5	G1/8"x28FPP
AOH 24072	340	360	206	Tr 380x5	G1/8"x28FPP
AOH 24076	360	380	208	Tr 400x5	G1/8"x28FPP
AOH 24080	380	400	228	Tr 420x5	G1/8"x28FPP
AOH 24084	400	420	230	Tr 440x5	G1/8"x28FPP
AOH 24088	420	440	242	Tr 460x5	G1/8"x28FPP
AOH 24092	440	460	250	Tr 480x5	G1/8"x28FPP
AOH 24096	460	480	250	Tr 500x5	G1/8"x28FPP
AOH 240/500	480	500	253	Tr 520x6	G1/8"x28FPP
AOH 240/530	500	530	290	Tr 550x6	G1/4"x19FPP
AOH 240/560	530	560	298	Tr 580x6	G1/4"x19FPP
AOH 240/600	560	600	317	Tr 625x6	G1/4"x19FPP
AOH 240/630	600	630	335	Tr 655x6	G1/4"x19FPP
AOH 240/670	630	670	358	Tr 695x6	G1/4"x19FPP
Code	d1	d	l	G	G1
	mm	mm	mm		
AOH 240/710	670	710	365	Tr 740x7	G1/4"x19FPP
AOH 240/750	710	750	380	Tr 780x7	G1/4"x19FPP
AOH 240/800	750	800	395	Tr 830x7	G1/4"x19FPP
AOH 240/850	800	850	418	Tr 880x7	G1/4"x19FPP
AOH 240/900	850	900	430	Tr 930x8	G1/4"x19FPP
AOH 240/950	900	950	467	Tr 980x8	G1/4"x19FPP
AOH 240/1000	950	1000	469	Tr 1035x8	G1/4"x19FPP
AOH 240/1060	1000	1060	498	Tr 1095x8	G1/4"x19FPP
AOH 24144	200	220	170	Tr 230x4	G1/8"x28FPP
AOH 24148	220	240	180	Tr 260x4	G1/8"x28FPP
AOH 24152	240	260	202	Tr 280x4	G1/8"x28FPP
AOH 24156	260	280	202	Tr 300x4	G1/8"x28FPP
AOH 24160	280	300	224	Tr 320x5	G1/8"x28FPP
AOH 24164	300	320	242	Tr 340x5	G1/8"x28FPP
AOH 24168	320	340	269	Tr 360x5	G1/8"x28FPP
AOH 24172	340	360	269	Tr 380x5	G1/8"x28FPP
AOH 24176	360	380	271	Tr 400x5	G1/8"x28FPP
AOH 24180	380	400	278	Tr 420x5	G1/8"x28FPP
AOH 24184	400	420	310	Tr 440x5	G1/8"x28FPP
AOH 24188	420	440	310	Tr 460x5	G1/8"x28FPP
AOH 24192	440	460	332	Tr 480x5	G1/8"x28FPP
AOH 24196	460	480	343	Tr 500x5	G1/8"x28FPP
AOH 241/500	480	500	362	Tr 530x6	G1/8"x28FPP
AOH 241/530	500	530	375	Tr 550x6	G1/4"x19FPP
AOH 241/560	530	560	400	Tr 580x6	G1/4"x19FPP
Code	d1	d	l	G	G1
	mm	mm	mm		
AOH 241/600	560	600	425	Tr 625x6	G1/4"x19FPP

AOHX 241/600	570	600	413	Tr 630x6	G1/4"x19FPP
AOH 241/630	600	630	450	Tr 655x6	G1/4"x19FPP
AOH 241/670	630	670	467	Tr 695x6	G1/4"x19FPP
AOH 241/710	670	710	493	Tr 740x7	G1/4"x19FPP
AOH 241/750	710	750	520	Tr 780x7	G1/4"x19FPP
AOH 241/800	750	800	525	Tr 830x7	G1/4"x19FPP
AOH 241/850	800	850	560	Tr 880x7	G1/4"x19FPP
AOH 241/900	850	900	575	Tr 930x8	G1/4"x19FPP
AOH 241/950	900	950	605	Tr 980x8	G1/4"x19FPP
AOH 241/1000	950	1000	645	Tr 1035x8	G1/4"x19FPP
AOH 241/1060	1000	1060	665	Tr 1095x8	G1/4"x19FPP



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Bearings

22236K
22238K
22240K
22244K, C 2244K
22248K
22252K
22256K
22260K
22264K
22332K
22334K
22336K
22338K
22340K
22344K, 23244K
22348K, 23248K
22352K, 23252K
22356K, 23256K

Bearings

23032K, C 3032K
23034K, C 3034K
23036K, C 3036K
23038K
23040K
23044K

23048K, C 3048K

23052K, C 3052K

23056K, C 3056K

23060K, C 3060K

23064K

23068K

23072K

23076K

23080K

23084K

23088K

23092K

23096K

Bearings

230/500K

230/530K, C 30/530K

230/560K

C 30/560K

230/600K

230/600K, C 30/600K

230/630K, C 30/630K

230/670K, C 30/670K

230/710K

C 30/710K

230/750K, C 30/750K

230/800K, C 30/800K

230/850K, C 30/850K

230/900K, C 30/900K

230/950K, C 30/950K

230/1000K, C 30/1000K

230/1060K

22232K, 23132K

22234K, 23134K

23136K

23138K

23140K, C 3140K

23144K, C 3144K

23148K, C 3148K

Bearings

23152K

23156K

23160K

23164K

23168K

23172K

23176K
23180K
23184K
23188K
23192K
23196K
231/500K
222/530K, 231/530K, C 31/530K
222/560K, 231/560K, C 31/560K
222/600K, 231/600K, C 31/600K
222/630K, 231/630K, C 31/630K

Bearings

222/670K, 231/670K
C 31/670K
222/710K, 231/710K
C 31/710K
222/750K, 231/750K, C 31/750K
222/800K, 231/800K, C 31/800K
222/850K, 231/850K, C 31/850K
222/900K, 231/900K
222/950K, 231/950K
222/1000K, 231/1000K, C
31/1000K
222/1060K, 231/1060K
23232K
23234K
23236K
23238K
23240K
22360K, 23260K
22364K, 23264K
22368K
22372K
22376K

Bearings

22380K
22384K
22388K
22392K
22396K
223/500K
223/530K, 232/530K
223/560K, 232/560K
223/600K, 232/600K
223/630K, 232/630K

223/670K, 232/670K

223/710K, 232/710K

223/750K, 232/750K

232/800K

232/850K

232/900K

232/950K

232/1000K

Bearings

23934K

23936K

23938K

23940K

23944K

23948K

23952K

23956K

23960K

23964K

23968K

23972K

23976K

23980K

23984K

23988K

23992K

23996K

239/500K

239/530K

239/560K

239/600K

239/630K

239/670K

239/710K

239/750K

239/800K

239/850K

239/900K

239/950K

Bearings

239/1000K

239/1060K

24044K30, C 4044K30V

24048K30

24052K30

24056K30
24060K30
24064K30
24068K30
24072K30
24076K30
24080K30
24084K30
24088K30
24092K30
24096K30
240/500K30
240/530K30
240/560K30
240/600K30
240/630K30
240/670K30

Bearings

240/710K30
240/750K30
240/800K30
240/850K30
240/900K30
240/950K30
240/1000K30
240/1060K30
24144K30
24148K30
24152K30
24156K30
24160K30, C 4160K30
24164K30
24168K30
24172K30
24176K30
24180K30
24184K30
24188K30, C 4188K30
24192K30, C 4192K30
24196K30
241/500K30, C 41/500K30
241/530K30
241/560K30

Bearings

241/600K30

C 41/600K30

241/630K30

241/670K30

241/710K30

241/750K30

241/800K30

241/850K30

241/900K30

241/950K30

241/1000K30

241/1060K30