

INNOVATION IN THE WORLD OF MOTION



MPZ SPHERICAL ROLLER BEARING APPLICATION FOR MINING EQUIPMENT

Minsk Bearing Plant



SINTERING, CALCINING AND CONCENTRATING EQUIPMENT

GOST designation	MPZ designation	GOST designation	MPZ designation	GOST designation	MPZ designation
3512AH	22212 MBW33	3620AMH	22320 ACMBW33	53528H	22228 W33
3514MH	22214 CMBW33	30-3620AMHK5	22320 ACMAC3W33	53609H	22309 W33
3516H	22216 MBW33	3622AMHK	22322 ACMW33	53610H	22310 W33
30-3516HK5	22216 MAC3W33	30-3622AMHK5	22322 ACMAC3W33	53612H	22312 W33
3517H	22217 MBW33	3624AMH	22324 ACMBW33	53618H	22318 W33
3518H	22218 MBW33	30-3624AMHK5	22324 ACMAC3W33	53620H	22320 W33
3520H	22220 MBW33	3626AMH	22326 ACMBW33	113512AH	22212 KMBW33
3522H	22222 MBW33	30-3626AMHK5	22326 ACMAC3W33	113513AMH	22213 ACKMBW33
3524H	22224 MBW33	3628AMHK	22328 ACMW33	113515AMH	22215 ACKMBW33
3526H	22226 MBW33	30-3628AMHK5	22328 ACMAC3W33	113516H	22216 KMBW33
3528AMHK	22228 ACMW33	3630AMHK	22330 ACMW33	113517H	22217 KMBW33
40-3528AMHK	22228 ACMC4W33	30-3630AMHK5	22330 ACMAC3W33	113518H	22218 KMBW33
3530AMHK	22230 ACMW33	3632AMHK	22332 ACMW33	30-553612H	22312 MAC3W33
3532AMHK	22232 ACMW33	30-3632AMHK5	22332 ACMAC3W33	3003156AMHK	23056 ACMW33
3534AMH	22234 ACMBW33	3634AMHK	22334 ACMW33	3003160AMH	23060 ACMBW33
3536AMHK	22236 ACMW33	30-3634AMHK5	22334 ACMAC3W33	3003168AMHK	23068 ACMW33
3538HK	22238 MW33	3636AMHK	22336 ACMW33	3003180AMH	23080 ACMBW33
3540AMH	22240 ACMBW33	30-3636AMHK5	22336 ACMAC3W33	3003192AM	23092 ACMB
3544AMH	22244 ACMBW33	3638HK	22338 MW33	30031/530	230/530 MB
3556AH	22256 MBW33	3640AMHK	22340 ACMW33	3003264AMHK	23264 ACMW33
3611H	22311 MBW33	3644AMHK	22344 ACMW33	3003732AM	23132 ACMB
3614H	22314 MBW33	3652AMHK	22352 ACMW33	3003752AMHK	23152 ACMW33
30-3614HK5	22314 MAC3W33	3656AMHK	22356 ACMW33	3003780AMHK	23180 ACMW33
3615H	22315 MBW33	3680AMHX	22380 ACMBHA1W33	3113222AH	23222 KMBW33
30-3615HK5	22315 MAC3W33	13525AMH	22228 ACKMBW33+H3128	153228HЛ	23228 KMBW33
3616KH	22316 MBW33	53516H	22216 W33	9039414	
30-3616HK5	22316 MAC3W33	53518H	22218 W33	9039420	
3618AMH	22318 ACMBW33	53520H	22220 W33	9039434	
30-3618AMHK5	22318 ACMAC3W33	53522H	22222 W33		

MINING EQUIPMENT

GOST designation	MPZ designation	GOST designation	MPZ designation	GOST designation	MPZ designation
3512AH	22212 MBW33	3628AMHK	22328 ACMW33	113618AMH	22318 ACKMBW33
3513AMH	22213 ACMBW33	3630AMHK	22330 ACMW33	113632AMHK	22332 ACKMW33
3514MH	22214 CMBW33	3632AMHK	22332 ACMW33	553508	22208 MA
3516H	22216 MBW33	3634AMHK	22334 ACMW33	553510	22210 MA
30-3516HK5	22216 MAC3W33	3656AMHK	22338 ACMW33	30-553612H	22312 MAC3W33
3517H	22217 MBW33	3638HK	22338 MW33	3003124H	23024 MBW33
3518H	22218 MBW33	3640AMHK	22340 ACMW33	3003126H	23026 MBW33
3520H	22220 MBW33	3644AMHK	22344 ACMW33	3003128H	23028 MBW33
3522H	22222 MBW33	3652AMHK	22352 ACMW33	3003130HK	23030 MW33
3524H	22224 MBW33	3656AMHK	22356 ACMW33	3003132AMH	23032 ACMBW33
3526H	22226 MBW33	3680AMHX	22380 ACMBHA1W33	3003134H	23034 MBW33
3528AMHK	22228 ACMW33	3760		3003136H	23036 MBW33
3530AMHK	22230 ACMW33	13528AMH	22232 ACKMBW33+H3132	3003140H	23040 MBW33
3532AMHK	22232 ACMW33	53516H	22216 W33	3003144HK	23044 MW33
3536AMHK	22236 ACMW33	53518H	22218 W33	3003148AMH	23048 ACMBW33
3538HK	22238 MW33	53520H	22220 W33	3003152AMH	23052 ACMBW33
3540AH	22240 ACMBW33	53522H	22222 W33	3003156AMHK	23056 ACMW33
3544AMH	22244 ACMBW33	53526H	22226 W33	3003164AMHK	23064 ACMW33
3552H	22252 MBW33	53528H	22228 W33	3003168AMHK	23068 ACMW33
3556AH	22256 MBW33	53530H	22230 W33	3003172H	23072 MBW33
3564AMH	22264 ACMBW33	53532H	22232 W33	3003180AMH	23080 ACMBW33
3611H	22311 MBW33	53608H	22308 W33	3003192AM	23092 ACMB
3613AMH	22313 ACMBW33	53609H	22309 W33	30031/530	230/530 MB
3614H	22314 MBW33	53610H	22310 W33	3003264AMHK	23264 ACMW33
30-3614HK5	22314 MAC3W33	53611H	22311 W33	3003730AH	23130 MBW33
3615H	22315 MBW33	53612H	22312 W33	3003752AMHK	23152 ACMW33
30-3615HK5	22315 MAC3W33	53614H	22314 W33	3003756AMH	23156 ACMBW33
3616KH	22316 MBW33	53615H	22315 W33	3003780AMHK	23180 ACMW33
3617H	22317 MBW33	53616H	22316 W33	30037/600	231/600 MB
3618AMH	22318 ACMBW33	53618H	22318 W33	3053138HЛ	23038 MBW33
3620AMH	22320 ACMBW33	53619H	22319 W33	3053226HЛ	23226 MBW33
30-3620AMHK5	22320 ACMAC3W33	53620H	22320 W33	3053736HЛ	23136 MBW33
3622AMHK	22322 ACMW33	83720HC17		9039417	
30-3622AMHK5	22322 ACMAC3W33	83730HC17		9039434	
3624AMH	22324 ACMBW33	113552H	22252 KMBW33		
3626AMH	22326 ACMBW33	113556AH	22256 KMBW33		

CRUSHING EQUIPMENT

GOST designation	MPZ designation	GOST designation	MPZ designation	GOST designation	MPZ designation
3514MH	22214 CMBW33	3624AMH	22324 ACMBW33	13548H	22252 KMBW33+H3152X
3516H	22216 MBW33	30-3624AMHK5	22324 ACMAC3W33	13632AMHK	22336 ACKMW33+H2336
3517H	22217 MBW33	3626AMH	22326 ACMBW33	13634HK	22338 KMW33+H2338
3518H	22218 MBW33	3628AMHK	22328 ACMW33	13836AMHK	22340 ACKMW33+H2340
3520H	22220 MBW33	3630AMHK	22330 ACMW33	53518H	22218 W33
3524H	22224 MBW33	30-3630AMHK5	22330 ACMAC3W33	53520H	22220 W33
3526H	22226 MBW33	3632AMHK	22332 ACMW33	53610H	22310 W33
3528AMHK	22228 ACMW33	3634AMHK	22334 ACMW33	93627AMHK	22328 ACKMW33+AHX2328
3532AMHK	22232 ACMW33	30-3634AMHK5	22334 ACMAC3W33	3003156AMH	23052 ACMBW33
3536AMHK	22236 ACMW33	3636AMHK	22336 ACMW33	3003160AMH	23060 ACMBW33
3538HK	22238 MW33	30-3636AMHK5	22336 ACMAC3W33	3003172H	23072 MBW33
3540AMH	22240 ACMBW33	3638HK	22338 MW33	3003180AMH	23080 ACMBW33
3544AMH	22244 ACMBW33	30-3638HK	22338 MC3W33	30031/530	230/530 MB
3556AH	22256 MBW33	3640AMHK	22340 ACMW33	3003264AMHK	23264 ACMW33
3614H	22314 MBW33	3644AMHK	22344 ACMW33	30-3003264AMHK	23264 ACMC3W33
3615H	22315 MBW33	40-3644AMHK	22344 ACMC4W33	3003756AMH	23156 ACMBW33
3618AMH	22318 ACMBW33	3652AMHK	22352 ACMW33	30-3003756AMH	23156 ACMBC3W33
3620AMH	22320 ACMBW33	30-3652AMHK	22352 ACMC3W33	3003780AMHK	23180 ACMW33
3622AMHK	22322 ACMW33	3656AMHK	22356 ACMW33	30037/600	231/600 MB
30-3622AMHK5	22322 ACMAC3W33	3680AMHX	22380 ACMBHA1W33		

MATERIALS HANDLING AND LOADING EQUIPMENT

GOST designation	MPZ designation	GOST designation	MPZ designation	GOST designation	MPZ designation
3514MH	22214 CMBW33	3626AMH	22326 ACMBW33	53618H	22318 W33
3516H	22216 MBW33	3628AMHK	22328 ACMW33	53619H	22319 W33
3518H	22218 MBW33	3630AMHK	22330 ACMW33	53620H	22320 W33
3520H	22220 MBW33	3632AMHK	22332 ACMW33	113652AMHK	22352 ACKMW33
3522H	22222 MBW33	3634AMHK	22334 ACMW33	553508	22208 MA
3524H	22224 MBW33	3636AMHK	22336 ACMW33	553510	22210 MA
3526H	22226 MBW33	3638HK	22338 MW33	553612H	22312 MAW33
3528AMHK	22228 ACMW33	3640AMHK	22340 ACMW33	3003124H	23024 MBW33
3530AMHK	22230 ACMW33	3644AMHK	22344 ACMW33	3003132AMH	23032 ACMBW33
3532AMHK	22232 ACMW33	3652AMHK	22352 ACMW33	3003140H	23040 MBW33
3534AMH	22234 ACMBW33	3656AMHK	22356 ACMW33	3003156AMHK	23056 ACMW33
3536AMHK	22236 ACMW33	3680AMHX	22380 ACMBHA1W33	3003160AMH	23060 ACMBW33
3538HK	22238 MW33	13516H	22218 KMBW33+H318	3003164AMHK	23064 ACMW33
3540AH	22240 MBW33	53518H	22218 W33	3003168AMHK	23068 ACMW33
3544AMH	22244 ACMBW33	53519H	22219 W33	3003172H	23072 MBW33
3556AH	22256 MBW33	53520H	22220 W33	3003180AMH	23080 ACMBW33
3611H	22311 MBW33	53522H	22222 W33	3003192AM	23092 ACMB
3614H	22314 MBW33	53524H	22224 W33	30031/530	230/538 MB
3615H	22315 MBW33	53608H	22308 W33	3003264AMHK	23264 ACMW33
3616KH	22316 MBW33	53609H	22309 W33	3003744H	23144 MBW33
3618AMH	22318 ACMBW33	53610H	22310 W33	3003752AMHK	23152 ACMW33
30-3618AMHK5	22318 ACMAC3W33	53611H	22311 W33	3003756AMH	23156 ACMBW33
3620AMH	22320 ACMBW33	53612H	22312 W33	3003780AMHK	23180 ACMW33
30-3620AMHK5	22320 ACMAC3W33	53614H	22314 W33	30037/600	231/600 MB
3622AMHK	22322 ACMW33	53615H	22315 W33		
3624AMH	22324 ACMBW33	53616H	22316 W33		

POWER AND ELECTROTECHNICAL EQUIPMENT

GOST designation	MPZ designation	GOST designation	MPZ designation	GOST designation	MPZ designation
3520H	22220 MBW33	30-3617HK	22317 JBC3W33	3644AMHK	22344 ACMW33
30-3520H	22220 MBC3W33	3618AMH	22318 ACMBW33	3652AMHK	22352 ACMW33
3522H	22222 MBW33	3620AMH	22320 ACMBW33	3652AMHY	
30-3522H	22222 MBC3W33	3622AMHK	22322 ACMW33	3680AMHX	22380 ACMBHA1W33
30-3526H	22226 MBC3W33	3624AMH	22324 ACMBW33	3680AMXHY	
30-3526HK5	22226 MAC3W33	10-3624AMH	22324 ACMBW33	13528AMHK	22232 ACKMW33+H3132
3528AMHK	22228 ACMW33	30-3624AMHY	22324 ACMBW33	13532AMHK	22236 ACKMW33+H3136
3530AMHK	22230 ACMW33	3626AMH	22326 ACMBW33	13622AMH	22324 ACKMBW33+H2324
20-3530AMHK	22230 ACMC2W33	30-3626AMH	22326 ACMBC3W33	13636AMHK	22340 ACKMW33+H2340
30-3530AMHK5	22230 ACMAC3W33	3628AMHK	22328 ACMW33	113520H	22220 KMBW33
3532AMHK	22232 ACMW33	3628AMHY		30-113616KH	22316 KMBC3W33
3536AMHK	22236 ACMW33	3632AMHK	22332 ACMW33	3003134HK5	23034 MAW33
30-3536AMHK	22236 ACMC3W33	30-3632AMHK	22332 ACMC3W33	3003156AMHK	23056 ACMW33
3544AMH	22244 ACMBW33	3632AMHY		3003168AMHK	23080 ACMW33
3564AMH	22264 ACMBW33	30-3636AMHY		3003180AMH	23080 ACMBW33
3616KH	22316 MBW33	3640AMHK	22340 ACMW33	30031/530	230/530 MB
30-3616KH	22316 MBC3W33	3640AMHY		3003264AMHK	23264 ACMW33

Joint Stock Company "Minsk bearing plant " offers spherical roller bearings for mining equipment:

MINING EQUIPMENT

Sand-pit auto bulldozers; bucket-wheel, walking and sand-pit excavators; thermal and shock - rotational drilling equipment; loaders; packers; production, clearing, tunnel boring, tunnel-clearing machines; scraper conveyors; mine drilling rigs, etc.

MATERIALS HANDLING AND LOADING EQUIPMENT

Dump-body trucks, autoloaders, underground articulated trucks; wagon tilters side and rotor; tape, rolling, blast and stable conveyors; switching, scraper and blast winches; spreaders; loaders; elevating machines; pilers; neutralizers; mine electric locomotives.

SINTERING, CALCINING AND CONCENTRATING EQUIPMENT

Press briquetting machines; bunkers; vacuums - filters; gyration, inertial, self-balancing and auger screens; drying drums; separators for iron; spiral classifiers; sintering, roaster and jigging machines; rotating furnaces; drum-type and cup-shaped pelletizers; mash mixers; vibration, disk, oscillating, paddle and plate-type feeders; agglomerate, sinter return, pellet and cement coolers; magnetic, electromagnetic drum-type, rotary and roll separators; thickeners; drum-type mixers; mixers mixer-pelletizers; grate-bar refrigerators; centrifuges; extruders; elevators.

CRUSHING EQUIPMENT

Vibration, clogged one- and double-roll crushers; conic, hammer, rotor, four-roll with smooth rolls crushers, jaw, auger crushers;

Roller mills with smooth, grooved rollers; vibration, hammer mills; wet and dry self-refinement mills; mills of rod wet and dry grade ; pipe mills; rattlers; mills - ventilators.

POWER AND ELECTROTECHNICAL EQUIPMENT

Centrifugal, and ground pumps; draught-blowing machines (smoke exhausters, ventilators of main airing, blower fans, recirculating fans); ACDC electric motors for drives of equipment of rolling mills, pumps and draught-blowing machines.