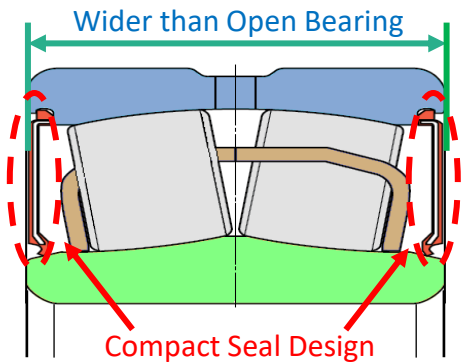
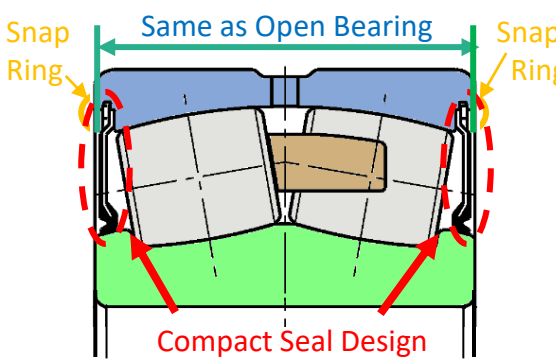


Sealed Spherical Roller Bearings

ULTAGE™

Seal keep clean condition and make bearing life longer!

◆ Feature

Cross Section	Wider Type "WA"  <p>Wider than Open Bearing</p> <p>Compact Seal Design</p>	Standard Width type  <p>Same as Open Bearing</p> <p>Snap Ring</p> <p>Compact Seal Design</p> <p>- Seal is fixed by snap ring - Snap ring and seal is removable</p>
	Basic Load Rating	Same as Open Bearing
Width	Wider than Open Bearing	Same as Open Bearing
Grease	Pre Packed (Standard Grease : Shell Alvania EP Grease 2) Note : Grease unpacked also available	

◆ Effect of Seal

Seal can keep clean condition
After Rotation with Contamination

Sealed Bearing



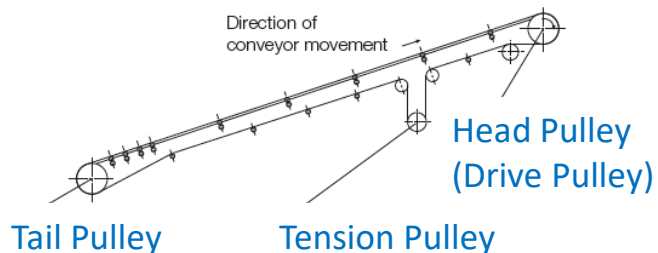
- Keep Clean
- Longer Life

Open Bearing



- Contaminated
- Shorter life

◆ Application

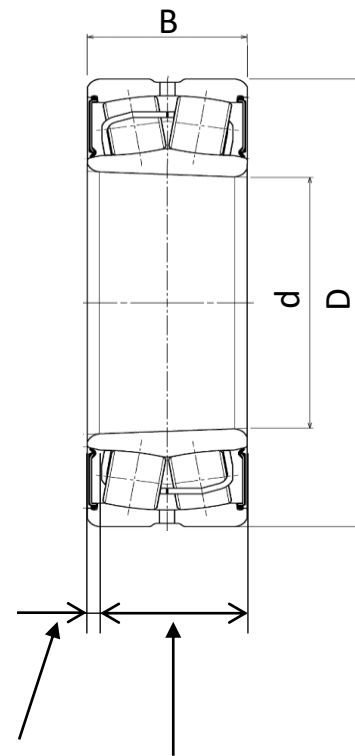


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◆ Wider Type “WA” Type

Bearing number		Boundary dimensions mm			Additional width mm	Basic load rating kN	
Cylindrical Bore	Tapered Bore	d	D	B		Dynamic Cr	Static Cor
WA22205EALLSW33	-	25	52	23	5	57 .3	46 .1
WA22206EALLSW33	-	30	62	25	5	75 .7	64 .5
WA22207EALLSW33	WA22207EALLSKW33	35	72	28	5	100	92
WA22208EALLSD1	WA22208EALLSKD1	40	80	28	5	116	105
WA22209EALLSD1	WA22209EALLSKD1	45	85	28	5	121	113
WA22210EALLSD1	WA22210EALLSKD1	50	90	28	5	130	124
WA22211EALLSD1	WA22211EALLSKD1	55	100	31	6	155	148
WA22212EALLSD1	WA22212EALLSKD1	60	110	34	6	187	181
WA22213EALLSD1	WA22213EALLSKD1	65	120	38	7	226	224
WA22214EALLSD1	WA22214EALLSKD1	70	125	38	7	235	240
WA22215EALLSD1	WA22215EALLSKD1	75	130	38	7	244	249
WA22216EALLSD1	WA22216EALLSKD1	80	140	40	7	278	287
WA22217EALLSD1	WA22217EALLSKD1	85	150	44	8	324	330
WA22218EALLSD1	WA22218EALLSKD1	90	160	48	8	384	398
WA22220EALLSD1	WA22220EALLSKD1	100	180	55	9	472	495
WA22222EALLSD1	WA22222EALLSKD1	110	200	63	10	602	643
WA22224EALLSD1	WA22224EALLSKD1	120	215	69	11	688	753
WA22226EALLSD1	WA22226EALLSKD1	130	230	75	11	808	898

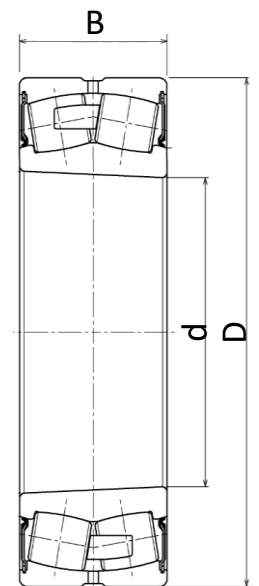


Additional width

Open type width

◆ Standard Width Type

Bearing number		Boundary dimensions mm			Basic load rating kN	
Cylindrical Bore	Tapered Bore	d	D	B	Dynamic Cr	Static Cor
22228EMLLXD1	22228EMLLXKD1	140	250	68	866	944
22230EMLLXD1	22230EMLLXKD1	150	270	73	990	1 090
22232EMLLXD1	22232EMLLXKD1	160	290	80	1 170	1 320
23134EMLLXD1	23134EMLLXKD1	170	280	88	1 170	1 540
23136EMLLXD1	23136EMLLXKD1	180	300	96	1 390	1 800
23138EMLLXD1	23138EMLLXKD1	190	320	104	1 590	2 120
23140EMLLXD1	23140EMLLXKD1	200	340	112	1 800	2 380
23144EMLLXD1	23144EMLLXKD1	220	370	120	2 070	2 730
23048EMLLXD1	23048EMLLXKD1	240	360	92	1 400	2 120
23148EMLLXD1	23148EMLLXKD1	240	400	128	2 360	3 240
23152EMLLXD1	23152EMLLXKD1	260	440	144	2 750	3 930
23156EMLLXD1	23156EMLLXKD1	280	460	146	2 910	4 250
23160EMLLXD1	23160EMLLXKD1	300	500	160	3 390	5 170
23164EMLLXD1	23164EMLLXKD1	320	540	176	4 030	6 110
23168EMLLXD1	23168EMLLXKD1	340	580	190	4 700	7 030
23172EMLLXD1	23172EMLLXKD1	360	600	192	4 600	6 820
23176EMLLXD1	23176EMLLXKD1	380	620	194	4 670	6 970
23180EMLLXD1	23180EMLLXKD1	400	650	200	4 960	7 530
23188EMLLXD1	23188EMLLXKD1	440	720	226	6 230	9 710
23192EMLLXD1	23192EMLLXKD1	460	760	240	6 870	10 800



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