

Valve Ball & Seat

Weima Original

V11—Valve Ball & Seat



Specification	Part No.	Valve seat			Valve Ball		API No.
		No.	OD	Width	No.	OD	
1-1/16"	V11-106 (XX)	V13-106	0.793"	0.500"	V12-106	0.625"	V11-106
	V11A106 (XX)	V13A106			V12A106	0.5625"	V11A106
1-1/4"	V11-125 (XX)	V13-125	0.918"	0.500"	V12-125	0.750"	V11-125
	V11A125 (XX)	V13A125			V12A125	0.6875"	V11A125
1-1/2"	V11-150 (XX)	V13-150	1.168"	0.500"	V12-150	0.938"	V11-150
	V11A150 (XX)	V13A150			V12A150	0.875"	V11A150
1-3/4"	V11-175 (XX)	V13-175	1.388"	0.500"	V12-175	1.125"	V11-175
	V11A175 (XX)	V13A175			V12A175	1.000"	V11A175
2"	V11-200 (XX)	V13-200	1.478	0.500"	V12-200	1.250"	V11-200
	V11A200 (XX)	V13A200			V12A200	1.125"	V11A200
2-1/4"	V11-225 (XX)	V13-225	1.720"	0.500"	V12-225	1.375"	V11-225
	V11A225 (XX)	V13A225			V12A225	1.250"	V11A225
2-1/2"	V11-250 (XX)	V13-250	2.010"	0.500"	V12-250	1.688"	V11-250
	V11A250 (XX)	V13A250			V12A250	1.500"	V11A250
3-1/4"	V11-325 (XX)	V13-325	2.705"	0.750"	V12-325	2.000"	-
3-3/4"	V11-375 (XX)	V13-375	3.072"	0.750"	V12-375	2.250"	V11-375
	V11A375 (XX)	V13A375			V12A375	2.000"	V11A375
4-3/4"	V11-475 (XX)	V13-475	3.887"	1.000"	V12-475	3.250"	-
5-1/2"	V11-550 (XX)	V13-550	4.360"	1.250"	V12-550	3.750"	-

Note: (XX) is the identification symbol of valve ball and seat.

1. Pump Material for Balls & Seats

Indetification Symbol	Material	Hardness
D1	Stainless Steel	Ball: 58HRC~65HRC Seat: 52HRC~56HRC
A2	Cobalt Alloy, Cast	Ball: 56HRC~63HRC Seat: 50HRC~56HRC
A4	Tungsten Carbide	Ball: 88HRA~89HRA Seat: 88HRA~89.5HRA
A5	Nickle Carbide	Ball: 88HRA~90.5HRA Seat: 87.5HRA~89HRA
A6	Titanium Carbide	Ball: 89HRA~90.5HRA Seat: 89HRA~90.5HRA

2. Valve ball and seat can be matched with different materials, but the identification symbol must be indicated. For example: V11-106, titanium carbide ball and tungsten carbide seat, so the product symbol is V11-106 (A6) (A4) .



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