



3
FLANSCHEN
FLANGES

AVIT ≈ ISO 6164 ¹

- Für 2 mm Sicherheits-Flansch-Zentrierung
 - Ausgelegt für schwellige Beanspruchungen
 - Leichte Montage durch Losflanschsystem
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- For 2 mm safety-flange-centring
 - Designed for dynamic loads
 - Easy assembly by flange clamp system

WERKSTOFF-KOMBINATION
MATERIAL COMBINATION

Werkstoff, Oberfläche / Material, Surface	TYP DN-Serie-daxs-**
Stahl, phosphatiert / Steel, phosphatised; NBR	FA 40-3 - daxs - 01
Stahl, phosphatiert / Steel, phosphatised; FKM	FA 40-3 - daxs - 02
Stahl+N, phosphatiert / Steel+N, phosphatised; NBR	FA 40-3 - daxs - 11
Stahl+N, phosphatiert / Steel+N, phosphatised; FKM	FA 40-3 - daxs - 12
Edelstahl 1.4571 / Stainless steel AISI 316Ti; NBR	FA 40-3 - daxs - 41
Edelstahl 1.4571 / Stainless steel AISI 316Ti; FKM	FA 40-3 - daxs - 44

BESTELLBEISPIEL
ORDER EXAMPLE

STÜCKLISTE
PARTS LIST

Pos.	Bezeichnung / Description
1	Flanschbund mit O-Ring Nut / Flange head with O-ring groove
3	Losflansch / Flange clamp
4	O-Ring Dichtung / O-ring sealing
5	Schrauben / Bolts ²

SERIE SERIES	DN	ABMESSUNGEN [mm] DIMENSIONS							O-RING Pos. 4	SCHRAUBEN BOLTS Pos. 5	STK. PCS.	GEWICHT WEIGHT [kg]	BESTELLCODE ORDER CODE
		[bar]	[mm]	LW	b	d	t	d1					
0 PN 64	25	24	70	-	64	46	56	19	28,0x2,62	M12x40	4	0,90	FA 25-0 33,7x2,6
	32	37	80	-	72	55	64	24	43,0x3,00	M12x45	4	1,40	FA 32-0 42,4x2,6
	40	41,5	90	-	80	60	68	29	47,2x3,53	M16x55	4	1,97	FA 40-0 48,3x2,6
	50	51	100	-	98	76	80	38	56,7x3,53	M16x60	4	2,89	FA 50-0 60,3x2,9
	65	70	120	-	118	92	98	48	75,5x3,53	M20x75	4	4,90	FA 65-0 76,1x2,9
	80	78,5	150	-	145	110	109	48	85,1x5,30	M24x80	4	8,23	FA 80-0 88,9x3,2
	90	87,5	180	-	175	135	135	58	94,6x5,30	M30x100	4	15,50	FA 90-0 101,6x4,0
	100	99	180	-	175	135	135	58	106,0x5,33	M30x100	4	14,74	FA 100-0 114,3x5,6
	125	124	-	245	200	168	150	68	132,0x6,99	M24x100	8	22,66	FA 125-0 139,7x8,0
	150	148	-	300	245	205	190	78	157,5x6,99	M30x120	8	40,67	FA 150-0 168,3x10,0
2 PN 160	200	205	-	355	290	245	200	85	196,2x6,99	M36x140	8	66,58	FA 200-0 219,1x7,1
	12	12	50	-	44	28	43	19	16,3x2,40	M10x35	4	0,46	FA 12-2 16,0x1,5
	16	15	60	-	54	38	50	19	20,3x2,40	M10x35	4	0,62	FA 16-2 20,0x2,5
	20	20	60	-	54	38	50	19	25,3x2,40	M10x35	4	0,62	FA 20-2 25,0x2,5
	25	24	70	-	64	46	56	19	28,0x2,62	M12x40	4	0,89	FA 25-2 30,0x3,0
	32	28,5	80	-	72	55	64	24	34,5x3,53	M12x45	4	1,40	FA 32-2 38,0x4,0
	40	40	90	-	80	60	68	29	46,2x3,53	M16x55	4	2,02	FA 40-2 48,3x4,0
	50	46	100	-	98	76	80	38	53,0x5,33	M16x60	4	3,12	FA 50-2 60,3x5,0
	65	62	120	-	118	92	98	48	69,0x5,33	M20x75	4	5,38	FA 65-2 76,1x6,3
	80	84	180	-	175	135	135	58	92,5x5,33	M30x100	4	12,80	FA 80-2 101,6x8,8
	100	94,5	180	-	175	135	135	58	106,0x5,33	M30x100	4	15,71	FA 100-2 114,3x10,0
	125	122	-	245	200	168	150	68	132,0x6,99	M24x100	8	24,71	FA 125-2 152,4x12,5
150	144	-	300	245	205	190	78	157,5x6,99	M30x120	8	44,21	FA 150-2 177,8x16,0	
200	179	-	355	290	245	200	85	196,2x6,99	M36x140	8	66,58	FA 200-2 219,1x20,0	

1 Lochbild der Serie 3 und 4 bis DN 80 gemäß Norm. | Hole pattern form series 3 and 4 to DN 80 according to standard.
 2 Serie 6: Stahl Schrauben Klasse 10.9. Edelstahl: Stahl Schrauben 10.9 mit Zinklamellenbeschichtung. | Series 6: Bolts property class 10.9. Stainless steel: bolts made of steel with zinc flake coating.

SERIE SERIES	DN	ABMESSUNGEN [mm] DIMENSIONS							O-RING	SCHRAUBEN BOLTS	STK. PCS.	GEWICHT WEIGHT	BESTELLCODE ORDER CODE
		[bar]	[mm]	LW	b	d	t	d1					
3 PN 250	10	11	50	-	44	28	43	19	16,3x2,40	M10x35	4	0,48	FA 10-3 16,0x2,0
	16	16	60	-	54	38	50	19	22,4x2,62	M10x35	4	0,66	FA 16-3 21,3x2,6
	20	20	70	-	64	46	56	19	28,0x2,62	M12x40	4	0,91	FA 20-3 26,9x3,6
	25	24,5	80	-	72	55	64	24	34,5x3,53	M12x45	4	1,40	FA 25-3 33,7x4,5
	32	31	90	-	80	60	68	29	38,7x3,53	M16x55	4	2,18	FA 32-3 42,4x5,6
	40	44,5	100	-	98	76	80	38	53,0x5,33	M16x60	4	3,21	FA 40-3 60,3x8,0
	50	54,5	120	-	118	92	98	48	61,5x5,33	M20x75	4	5,84	FA 50-3 76,1x10,0
	65	67	150	-	145	110	109	48	75,57x5,33	M24x80	4	9,39	FA 65-3 88,9x11,0
	80	76,5	180	-	175	135	135	58	92,5x5,33	M30x100	4	17,13	FA 80-3 101,6x12,5
	100	105	-	245	200	168	150	68	115,0x6,99	M24x100	8	26,50	FA 100-3 139,7x17,5
	125	128,5	-	300	245	205	190	78	147,5x6,99	M30x120	8	46,83	FA 125-3 168,3x20,0
	150	144	-	355	290	245	200	85	170,0x6,99	M36x140	8	73,73	FA 150-3 193,7x25,0
175	184	-	450	370	320	220	105	196,2x6,99	M36x150	8	126,9	FA 175-3 244,5x30,0	
200	201	-	490	395	340	237	116	215,3x6,99	M42x170	12	186,1	FA 200-3 273,0x36,0	
4 PN 315	10	11	50	-	44	28	43	19	16,3x2,40	M10x35	4	0,48	FA 10-4 17,2x3,2
	16	17,5	60	-	54	38	50	19	22,4x2,62	M10x35	4	0,70	FA 16-4 26,9x4,5
	20	22,5	70	-	64	46	56	19	28,0x2,62	M12x40	4	0,94	FA 20-4 33,7x5,6
	25	28	80	-	72	55	64	24	34,5x3,53	M12x45	4	1,45	FA 25-4 42,4x7,1
	32	32,5	90	-	80	60	68	29	38,7x3,53	M16x55	4	2,27	FA 32-4 48,3x8,0
	40	40,5	100	-	98	76	80	38	53,0x5,33	M16x60	4	3,37	FA 40-4 60,3x10,0
	50	51	120	-	118	92	98	48	61,5x5,33	M20x75	4	6,10	FA 50-4 76,1x12,5
	65	60,5	150	-	145	110	109	48	75,57x5,33	M24x80	4	9,30	FA 65-4 88,9x14,2
	80	79,5	180	-	175	135	135	58	92,5x5,33	M30x100	4	17,36	FA 80-4 114,3x17,5
	100	95,5	-	245	200	168	150	68	115,0x6,99	M24x100	8	28,13	FA 100-4 139,7x22,2
	125	118	-	300	245	205	190	78	147,5x6,99	M30x120	8	51,62	FA 125-4 177,8x30,0
	150	147	-	355	290	245	200	85	170,0x6,99	M36x140	8	78,46	FA 150-4 219,1x36,0
	175	165	-	450	370	320	220	105	196,2x6,99	M36x150	8	135,7	FA 175-4 244,5x40,0
200	183	-	490	395	340	237	116	215,3x6,99	M42x170	12	194,6	FA 200-4 273,0x45,0	
225	224	-	530	440	384	255	126	253,4x6,99	M42x180	12	243,5	FA 225-4 323,9x50,0	
250	246	-	580	480	424	273	136	278,77x6,99	M42x190	12	284,0	FA 250-4 355,6x55,0	
5 PN 420	16	15,5	70	-	64	46	50	22	22,4x2,62	M12x35	4	1,05	FA 16-5 26,9x5,6
	20	21	80	-	72	55	56	26	28,0x2,62	M12x40	4	1,48	FA 20-5 33,7x6,3
	25	26,5	90	-	84	63	65	32	34,5x3,53	M16x55	4	2,50	FA 25-5 42,4x8,0
	32	31	100	-	98	76	80	38	37,7x3,53	M16x60	4	3,41	FA 32-5 48,3x8,8
	40	38,5	120	-	118	92	98	48	50,17x5,33	M20x75	4	6,31	FA 40-5 60,3x11,0
	50	48	150	-	145	110	109	48	56,52x5,33	M24x80	4	10,23	FA 50-5 76,1x14,2
	65	61,5	180	-	175	135	135	58	75,57x5,33	M30x100	4	18,43	FA 65-5 101,6x20,0
	70	70	190	-	185	148	150	64	81,92x5,33	M30x100	4	22,12	FA 70-5 114,3x22,0
	80	83	-	245	200	172	150	68	92,5x5,33	M24x100	8	29,96	FA 80-5 139,7x28,0
	90 ³	92,5	-	300	245	205	190	78	103,0x5,33	M30x120	8	48,20	FA 90-5 152,4x30,0
	100	104	-	320	255	215	190	78	116,8x6,99	M30x120	8	58,80	FA 100-5 168,3x32,0
	125	129	-	390	315	273	200	86	147,5x6,99	M36x140	8	99,50	FA 125-5 219,1x45,0
150	163	-	450	375	328	210	110	177,17x6,99	M36x160	12	154,5	FA 150-5 273,0x55,0	
200	193	-	570	476	426	300	140	227,97x6,99	M42x200	12	324,9	FA 200-5 323,9x65,0	
6 PN 500	16	16	75	-	67	50	55	30	25,07x2,62	M12x50 ²	4	1,52	FA 16-6 30,0x7,0
	20	20,5	90	-	84	63	65	37	31,34x3,53	M16x60 ²	4	2,49	FA 20-6 38,0x8,8
	25	28,5	120	-	101	76	80	47	37,69x3,53	M20x75 ²	4	5,99	FA 25-6 48,3x10,0
	32	32	140	-	125	90	90	55	44,04x3,53	M24x90 ²	4	9,84	FA 32-6 60,3x14,2
	40	41	150	-	142	110	105	60	56,52x5,33	M24x95 ²	4	12,25	FA 40-6 76,1x17,5
	50	49	180	-	168	125	115	68	62,87x5,33	M30x110 ²	4	19,66	FA 50-6 88,9x20,0
	65	64,5	-	245	188	154	135	74	75,57x5,33	M24x110 ²	8	30,80	FA 65-6 114,3x25,0
	80	80	-	315	228	182	165	82	97,79x5,33	M36x130 ²	8	60,58	FA 80-6 139,7x30,0
	100	98,5	-	360	264	218	190	98	116,84x6,99	M36x150 ²	12	96,95	FA 100-6 168,3x36,0
	125	119	-	420	330	275	210	105	132,72x6,99	M42x160 ²	12	144,3	FA 125-6 219,1x50,0
	150	163	-	490	395	340	237	116	177,17x6,99	M42x170 ²	12	201,7	FA 150-6 273,0x60,0

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FLANSCHEN
FLANGES

2 Serie 6: Stahl Schrauben Klasse 10.9. Edelstahl: Stahl Schrauben 10.9 mit Zinklamellenbeschichtung. | Series 6: Bolts property class 10.9. Stainless steel: bolts made of steel with zinc flake coating.
3 Frühere Größe DN 100! | Former size DN 100!