

WINKEL-Rollen | WINKEL Bearings



WINKEL-Rolle axial über Exzenter justierbar

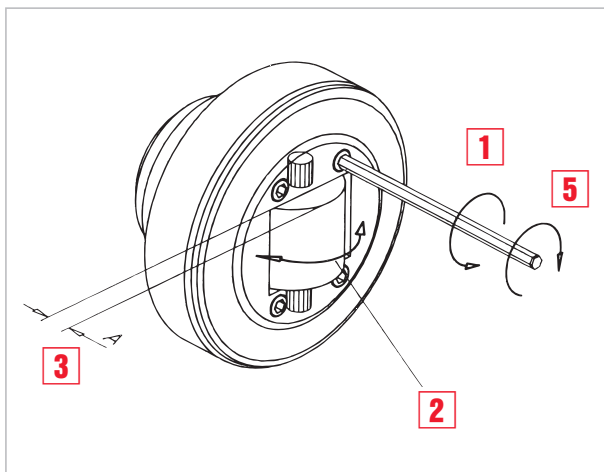
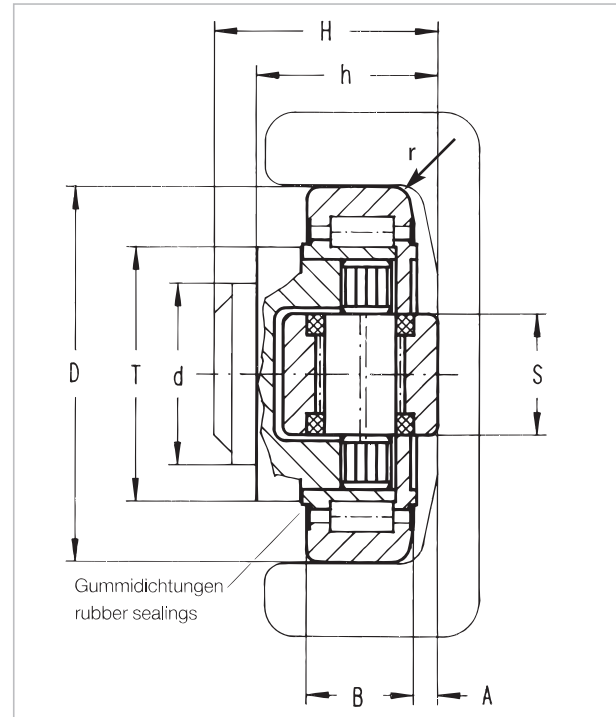
■ Rollen lebensdauer geschmiert



Abdichtung 2 RS/ZRS | Sealings 2 RS/ZRS

Axial Bearing eccentric adjustable

■ bearings are lubricated for life



CAD Download in 2D/3D unter www.winkel.de

Justierung der Axialrolle

- 1 Deckelschrauben lösen
- 2 Exzenterachse drehen (Axialrolle wird verdreht)
- 3 Maß A überprüfen (ggf. Punkt 2 wiederholen)
- 4 Schrauben mit Loctite sichern
- 5 Deckelschrauben festziehen

Adjusting of the Axial Bearing

- 1 loosen screws
- 2 turn eccentric axle (Axial Bearing will be turned)
- 3 check measure A (if necessary repeat Pos.2)
- 4 secure screws with loctite
- 5 lock screws

CAD download in 2D/3D at www.winkel.de

Typ Type	Artikel-Nr. Article no.	D mm D mm	T mm T mm	d -0.05 mm d -0.05 mm	H mm H mm	h mm h mm	B mm B mm	A mm A mm	S mm S mm	r mm r mm
4.454	201.031.000	62,5	42	30	37,5 - 39,0	30,5 - 32,0	20	4,0 - 5,5	20	3
4.455	201.032.000	70,1	48	35	44,0 - 45,5	36,0 - 37,5	23	4,0 - 5,5	20	4
4.456	201.033.000	77,7	54	40	48,0 - 49,5	37,0 - 38,5	23	3,5 - 5,0	26	4
4.457	201.034.003	77,7	54	40	40,0 - 41,5	29,0 - 30,5	23	3,5 - 5,0	26	4
4.458	201.035.000	88,4	59	45	57,0 - 58,5	44,0 - 45,5	30	4,0 - 5,5	26	4
4.459	201.036.000	101,6	69	50	46,0 - 48,0	33,0 - 35,0	26	4,5 - 6,5	30	3
4.460	201.037.000	108,5	69	55	54,0 - 56,0	40,0 - 42,0	31	4,0 - 6,0	30	5
4.461	201.038.000	107,7	69	60	69,0 - 71,0	55,0 - 57,0	31	4,0 - 6,0	30	5
4.462	201.039.000	123,0	80	60	72,3 - 76,3	56,0 - 60,0	37	5,0 - 9,0	34	5
4.463	201.040.000	149,4	108	60	77,5 - 81,5	58,5 - 62,5	45	6,0 - 10,0	34	3

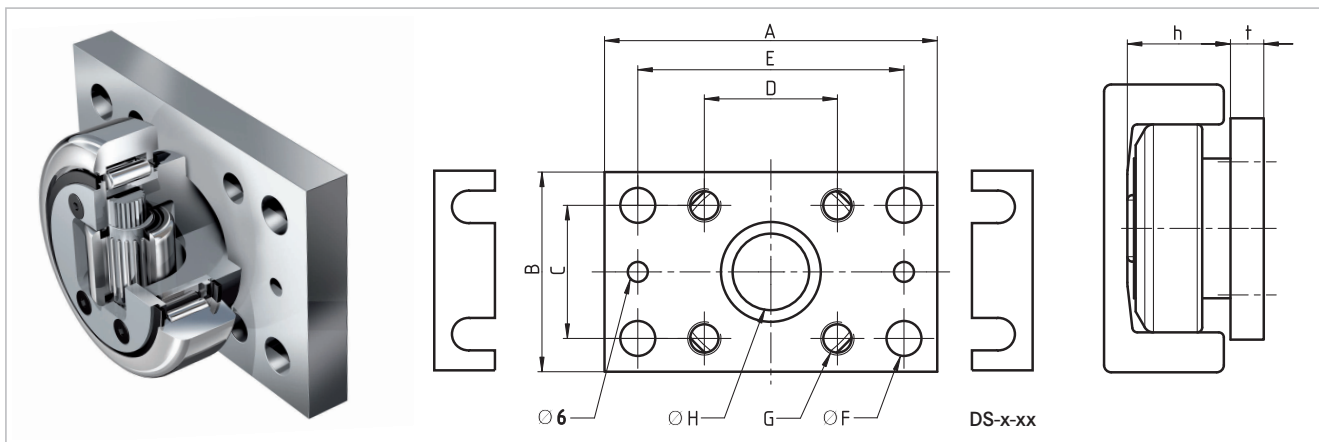
C = Dyn. Tragzahl Radiallager (ISO 281/1), C₀ = Stat. Tragzahl Radiallager (ISO 76)
 C_A = Dyn. Tragzahl Axiallager (ISO 281/1), C_{0A} = Stat. Tragzahl Axiallager (ISO 76)
 F_R = Tragzahl Radiallager zulässige Belastung zwischen Rolle und Profil
 F_A = Tragzahl Axiallager zulässige Belastung zwischen Rolle und Profil

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Passende Anschraubplatten

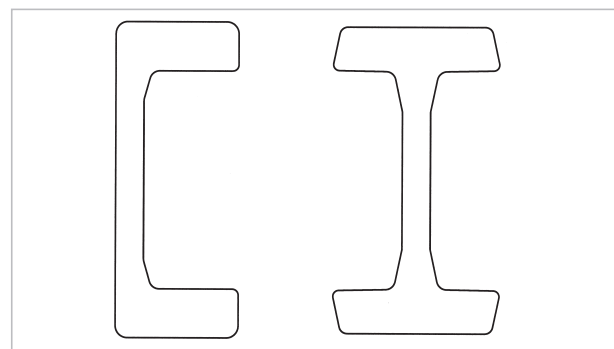
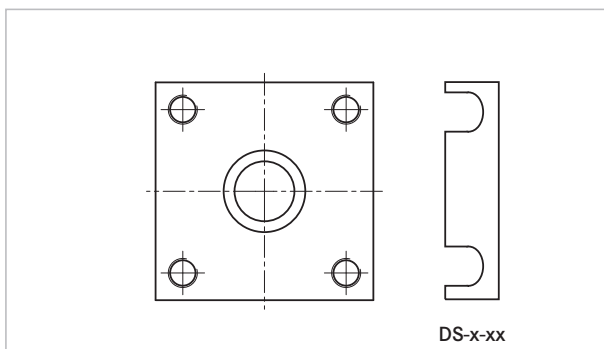
Suitable flange plates



Typ Type	Artikel-Nr. Article no.	A	B	C	D	E	Ø F	G	Ø H	t	Distanzsteckblech 0,5mm Washer 0.5mm		Distanzsteckblech 1,0mm Washer 1.0mm	
											DS-0-0,5	238.020.000	DS-0-1,0	238.020.001
AP 0	212.003.000	100	60	40	40	80	10,5	M10	30	10	DS-0-0,5	238.020.000	DS-0-1,0	238.020.001
AP 1	212.004.000	120	80	50	50	90	12,5	M12	35	15	DS-1-0,5	238.021.000	DS-1-1,0	238.021.001
AP 2	212.005.000	120	80	50	50	90	12,5	M12	40	15	DS-2-0,5	238.021.000	DS-2-1,0	238.021.001
AP 3.1	212.006.001	160	100	60	60	120	17,0	M16	45	20	DS-3.1-0,5	238.105.000	DS-3.1-1,0	238.105.001
AP 4	212.007.001	180	120	80	80	140	17,0	M16	60	20	DS-4-0,5	238.023.000	DS-4-1,0	238.023.001
AP 6	212.008.000	200	150	100	100	160	17,0	M16	60	20	DS-6-0,5	238.024.000	DS-6-1,0	238.024.001

Anschraubplatten quadratisch Reihe AP-Q S. 96
Flange plates square series AP-Q page 96

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Profiles page 68 / 76



Typ Type	F _R kN F _R kN	F _A kN F _A kN	C kN C kN	C ₀ kN C ₀ kN	C _A kN C _A kN	C _{0A} kN C _{0A} kN	u/min max. r/pm max.	Gewicht kg Weight kg	Anschraubplatten Flange plates	Profile Standard Profiles standard
4.454	10,30	3,20	31,0	35,5	11	11	900	0,53	AP0 AP0-Q	0 NbV
4.455	12,40	3,87	45,5	51,0	13	14	900	0,80	AP1 AP1-Q	1 NbV 3018 NbV
4.456	12,90	4,00	48,0	56,8	18	18	800	1,00	AP2 AP2-Q	2 NbV
4.457	12,90	4,00	48,0	56,8	18	18	800	0,87	-	3019 NbV
4.458	22,40	7,00	68,0	72,0	23	23	750	1,62	AP3.1 AP3-Q	3 NbV 3020 NbV
4.459	22,00	7,00	73,0	82,0	25	27	700	1,74	-	2912 NbV
4.460	23,80	7,44	81,0	95,0	31	36	650	2,27	-	3100 NbV
4.461	23,80	7,44	81,0	95,0	31	36	650	2,82	AP4 AP4-Q	4 NbV
4.462	33,90 (26,00)	10,60	110,0	132,0	43	50	550	3,60	AP4 AP4-Q	5 NbV (3353 NbV)
4.463	59,20	18,50	151,0	192,0	68	71	450	6,30	AP6 AP6-Q	6 NbV

C = Dynamic load capacity radial bearing (ISO 281/1), C₀ = Static load capacity radial bearing (ISO 76)

C_A = Dynamic load capacity axial bearing (ISO 281/1), C_{0A} = Static load capacity axial bearing (ISO 76)

F_R = Load capacity radial bearing max. allowable force between bearing and profile

F_A = Load capacity axial bearing max. allowable force between bearing and profile