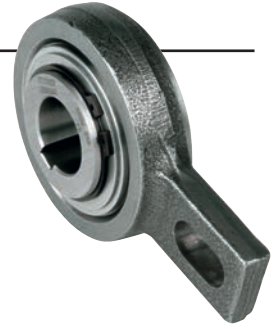


RSBW



TYPE



Type RSBW is a DC sprag type freewheel. It is self-contained, centered by plain bearings for low rotational speeds and sealed using shield protected O Rings.

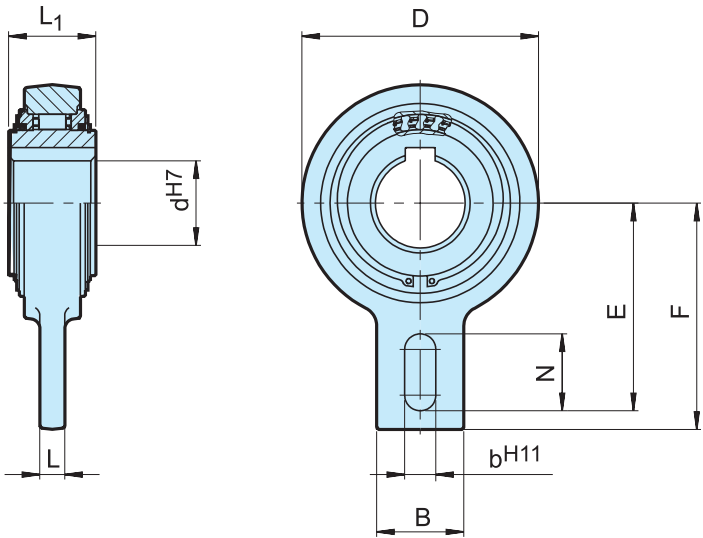
Unit is delivered grease lubricated ready for installation in either a horizontal or vertical position. Primarily used as a backstop, this type provides a high

torque capacity with a minimum space requirement. The design allows installation in difficult environments such as high humidity or water splash areas. A bolt, secured to a fixed part of the machine and passing through the slot in the torque arm, provides the rotational stop. Radial clearance on this bolt should be equal to 1–3 % of the slot width. The torque arm and the bearings must not be prestressed.

Self-Contained Freewheels

RSBW

RSBW



Type	Size	Overrunning speed										Weight
	d ^{H7} [mm]	T _{KN} ¹⁾ [Nm]	n _{imax} [min ⁻¹]	D [mm]	L ₁ [mm]	F [mm]	E [mm]	B [mm]	N [mm]	L [mm]	b ^{H11} [mm]	[kg]
RSBW	20	375	400	106	35	113	102,5	40	35	15	18	2
	25	606	400	106	48	113	102,5	40	35	15	18	2,6
	30	606	400	106	48	113	102,5	40	35	15	18	2,5
	35M	375	400	106	35	113	102,5	40	35	15	18	2
	35	606	400	106	48	113	102,5	40	35	15	18	2,4
	40	1295	300	132	52	125	115	60	35	15	18	4,6
	45	1295	300	132	52	125	115	60	35	15	18	4,5
	50	1295	300	132	52	125	115	60	35	15	18	4,5
	55	1295	300	132	52	125	115	60	35	15	18	4,4
	60	2550	250	161	54	140	130	70	35	15	18	6,5
	70	2550	250	161	54	140	130	70	35	15	18	6,4
	80	4875	200	190	70	165	150	70	45	20	25	9,9
	90	4875	200	190	70	165	150	70	45	20	25	9,8

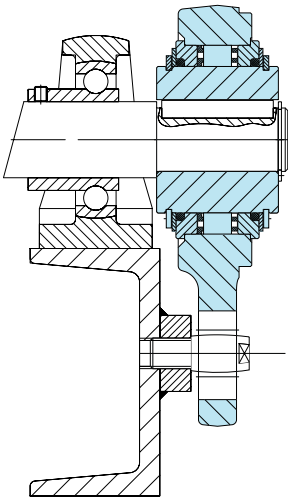
NOTES

1) $T_{max} = 2 \times T_{KN}$
 » Refer to Selection page 7 to 11

Keyway to DIN 6885.1

» Refer to mounting and maintenance instructions
 page 12 to 13

MOUNTING EXAMPLE



Self-Contained Freewheels

AV



TYPE



Type AV is a roller type freewheel. It is self-contained, centered by plain bearings for low rotational speeds, and sealed using shield protected metallic labyrinth seals

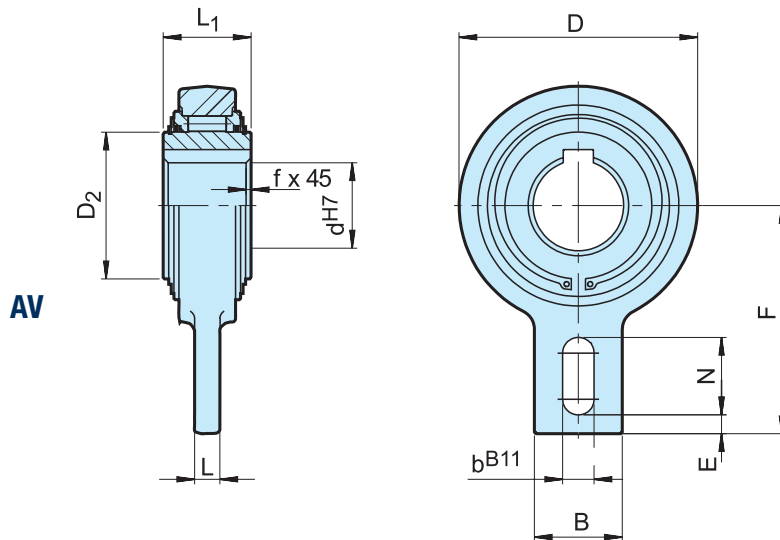
Unit is delivered grease lubricated, ready to install in a horizontal or vertical position. Primarily used as a backstop, the torque capacity is high for a minimum space requirement. This design is suitable for use in difficult environments. A bolt, secured to a fixed part of

the machine and passing through the slot in the torque arm, provides the rotational stop. Radial clearance on this bolt should be equal to 1–3 % of the slot width.

The torque arm and the bearings must not be prestressed. The roller design makes the AV type ideal for light indexing applications.

Self-Contained Freewheels

AV



Type	Size	Overrunning speed												Weight	Drag torque
	d_{H7} [mm]	$T_{KN}^{1)}$ [Nm]	n_{imax} [min ⁻¹]	D [mm]	D ₂ [mm]	L ₁ [mm]	L [mm]	B [mm]	F [mm]	bB11 [mm]	N [mm]	E [mm]	f [mm]	[kg]	T _R [Ncm]
AV	20	265	450	83	42	35	12	40	90	15	35	5	0,8	1,3	18
	25	265	450	83	42	35	12	40	90	15	35	5	0,8	1,3	18
	30	1200	320	118	60	54	15	40	110	15	35	8	1	3,5	130
	35	1200	320	118	60	54	15	40	110	15	35	8	1	3,4	130
	40	1200	320	118	60	54	15	40	110	15	35	8	1	3,3	130
	45	2150	280	155	90	54	20	80	140	18	47	10	1	5,5	240
	50	2150	280	155	90	54	20	80	140	18	47	10	1	5,4	240
	55	2150	280	155	90	54	20	80	140	18	47	10	1	5,3	240
	60	2150	280	155	90	54	20	80	140	18	47	10	1	5,2	240
	70	2150	280	155	90	54	20	80	140	18	47	10	1	5,0	240
	80	2900	200	190	110	64	20	80	155	20	40	10	1,5	8,7	360
	90*	7125	150	260	160	90	25	120	220	—	—	—	3	24,5	360
	100*	7125	150	260	160	90	25	120	220	—	—	—	3	23,5	360
	110*	7125	150	260	160	90	25	120	220	—	—	—	3	22,5	360
	120*	11000	130	300	180	110	30	140	260	—	—	—	3	42	600

NOTES

1) $T_{max} = 2 \times T_{KN}$
 » Refer to Selection page 7 to 11
 Keyway to DIN 6885.1

*) 2 Keyways 120° offset

» Refer to mounting and maintenance instructions
 page 12 to 13

MOUNTING EXAMPLE

