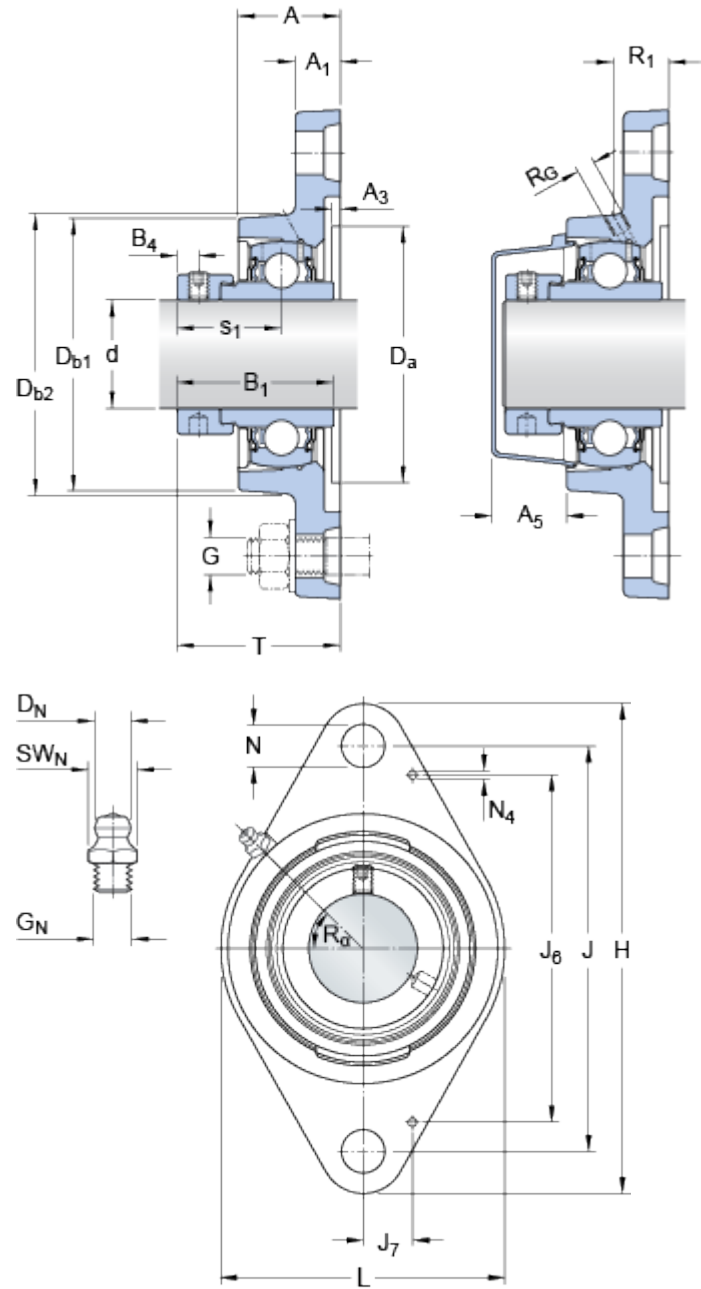


FYTB 45 WF

Housing material

Cast iron

Dimensions



d	45	mm
D <sub>a</sub>	H11 98.4	mm
D <sub>b1</sub>	102	mm
D <sub>b2</sub>	111	mm
A	39	mm
A <sub>1</sub>	14	mm
A <sub>3</sub>	H14 3.2	mm
A <sub>5</sub>	23	mm
B <sub>1</sub>	56.3	mm
B <sub>4</sub>	6.75	mm
J	148.5	mm
H	178.5	mm
L	111	mm
N	16	mm
s <sub>1</sub>	34.9	mm
T	58.9	mm

Threaded hole

R <sub>G</sub>	1/4-28 UNF	
R <sub>1</sub>	24.5	mm
R <sub>α</sub>	45	°

Grease fitting

D <sub>N</sub>	6.5	mm
SW <sub>N</sub>	7	mm
G <sub>N</sub>	1/4-28 SAE-LT	

Dowel pins

J <sub>6</sub>	120.5	mm
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	J <sub>7</sub>	18	mm
	N <sub>4</sub>	2	mm
Calculation data			
Basic dynamic load rating	C	33.2	kN
Basic static load rating	C <sub>0</sub>	21.6	kN
Fatigue load limit	P <sub>u</sub>	0.915	kN
Limiting speed (with shaft tolerance h6)		4300	r/min
Mass			
Mass bearing unit		1.85	kg
Mounting information			
Thread grub screw	G <sub>2</sub>	M10x1	
Hexagonal key size for grub screw	N	5	mm
Recommended tightening torque for grub screw		16.5	N·m
Recommended diameter for attachment bolts, mm	G	14	mm
Recommended diameter for attachment bolts, inch	G	0.5625	in
Included products			
Housing		FYTB 509 M	
Bearing		YEL 209-2F	
Assosiated products			
End cover		ECY 209	