

# 24156-2CS2K30/VT143 SKF

## 460x280x180mm D1 413 mm

### Spherical roller bearings

Bearing number	24156-2CS2K30/VT143
Size (mm)	460x280x180
Brand	SKF
Bore Diameter (mm)	460
Outer Diameter (mm)	280
Width (mm)	180
d	280 mm
D	460 mm
B	180 mm
$d_2$	307 mm
$D_1$	413 mm
b	13.9 mm
K	7.5 mm
$r_{1,2} - \text{min.}$	5 mm
$d_a - \text{min.}$	291 mm
$d_a - \text{max.}$	307 mm
$D_a - \text{max.}$	440 mm
$r_a - \text{max.}$	4 mm
Basic dynamic load rating – C	3190 kN
Basic static load rating – $C_0$	5100 kN
Fatigue load limit – $P_u$	415 kN
Limiting speed	220 r/min
Calculation factor – e	0.37

Calculation factor – $Y_1$	1.8
Calculation factor – $Y_2$	2.7
Calculation factor – $Y_0$	1.8