



Workrolls ♦ Backup Rollers
Cylindrical Roller Bearings

Combination Bearing Material Specification

Precision Class:	PO
Outer Rings:	UNI 20 MnCr 5 steel case hardened to 60+2 HRC
Inner Rings:	bearing steel En 31 – SAE 52100 through hardened to 62-2 HRC
Cylindrical Rollers:	bearing steel En 31 – SAE 52100 through hardened to 59-64 HRC With square ground ends
Spigots:	low carbon steel
Radial Outer seals:	Metal Shields
Axial Roller Seals:	Neopren Rubber
Lubrication:	Standard Shell Alvania R3 Grease
Maximum Operating Temperature	plus 120 Degree Celsius
Minimum Operating Temperature	minus 30 Degree Celsius