

	<b>WCC SERVICE TEMPERATURE -20F to +300F (-29C to +149C)</b>	<b>LCC SERVICE TEMPERATURE -50F to +300F (-46C to +149C)</b>
Body:	ASTM A-216 WCC Chrome Plated Seat Area	ASTM A-352 LCC Chrome Plated Seat Area
Bonnet:	ASTM A-216 WCC/ ASTM A-36 Plate	ASTM A-352 LCC/516 GR 70
Lower Plate:	ASTM A-216 WCC/ ASTM A-36 Plate	ASTM A-352 LCC/516 GR 70
Plug:	ASTM A-216 WCC Electroless Nickel Plated	ASTM A-352 LCC Electroless Nickel Plated
Slip/Seal:	Ductile Iron 80-55-06/Viton®	NI-Resist/Epichlorohydrin
Trunnion Bushings:	Type 1 NI-Resist	Type 1 NI-Resist
O-Rings	Viton®	Epichlorohydrin or L. T. Nitrile
Packing Gland:	ASTM A-582 Stainless Steel/ ASTM A-487 CA6NM	ASTM A-582 Stainless Steel/ ASTM A-487 CA6NM
Stem Packing:	Grafoil Rings	Grafoil Rings
Studs:	ASTM 193 B.7	ASTM 193 L.7
Nuts:	ASTM 194 2H	ASTM 194 2H
Bleed System:	Differential Thermal Relief/Manual body Bleed	Differential Thermal Relief/Manual body Bleed
Gaskets:	Grafoil	Grafoil

<b>Fluoro Elastomers Slip Seal Materials</b>		
VIT	Viton®	Standard Material
V90	Viton® 90 Durometer	Standard High Differential Pressure
VGF	Viton® GF	Viton® with Enhanced Chemical resistance
VTF	Fiber Reinforced Viton®	Optional High Differential Pressure
<b>Nitrile Elastomers Slip Seal Materials</b>		
NBR	Nitrile	
NBR	Low Temp Nitrile	Low Temp Nitrile
HNBR	Hydrogenated Nitrile	Low Temp Modified Nitrile
STS	Modified Nitrile	Reformulated Gasoline Seal Material
<b>Specialty Slip Seal materials</b>		
ECH	Epichlorohydrin	Low Temp Material
EPDM	Ethylene Propylene	Ammonia but not Hydrocarbon