

# Oil Seals

## Oil Seals - Single Lip

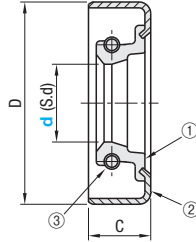


RoHS 10

Type	Material			Applications
	① Oil Seal: Rubber Hardness	② Metal Ring	③ Spring	
MUSB	Nitrile Rubber (NBR): Hs70	SPCC	SW-B	Rotary Motion
MUSC	Nitrile Rubber (NBR): Hs70	SPCC	SW-B	Rotary Motion

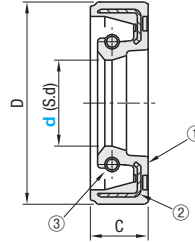
### MUSB

(Outer Metal Type)



### MUSC

(Outer Rubber Type)



### Conditions of Use

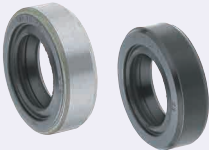
Operating Temperature Range	-25~120°C
Operating Pressure	0.03MPa or Less
Wind Velocity	10m/sec. or Less
Shaft Tolerance	h8 (or g6)
Shaft Coarseness	3S or Less
Sealed Substance	Oil, Grease

Part Number Type	d	D	C	Unit Price
MUSB	20	32	8	
	25	38	7	
	30	40	7	
	35	50	8	

Part Number Type	d	D	C	Unit Price
MUSC	10	20	7	
	12	22	7	
	15	35	7	
	20	35	8	
	25	40	8	
	30	42	8	

Ordering Example Part Number MUSC30

## Oil Seals - Double Lip

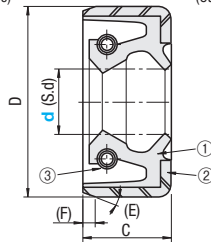


RoHS 10

Type	Material			Applications
	① Oil Seal: Rubber Hardness	② Metal Ring	③ Spring	
MUDN	Nitrile Rubber (NBR): Hs70	SPCC	SW-B	Rotary Motion
MUEN	Nitrile Rubber (NBR): Hs70	SPCC	SW-B	Rotary Motion

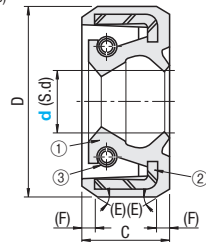
### MUDN

(Outer Metal Type)



### MUEN

(Outer Rubber Type)



### Conditions of Use

Operating Temperature Range	-25~120°C
Operating Pressure	0.03MPa or Less
Wind Velocity	10m/sec. or Less
Shaft Tolerance	h8 (or g6)
Shaft Coarseness	3S or Less
Sealed Substance	Oil, Grease

Part Number Type	d	D	C	(E)	(F)	Unit Price	
MUDN	10	20	7	30°	1		
	12	25	7	20°	1.5		
	15	25	7	30°	1		
	20	32	8	30°	1		
	25	38	8	20°	1		
	30	42	8	30°	1		
	35	50	8	30°	1		
	40	62	12	±0.4	30°	1	
	45	62	9	±0.3	30°	1	
	50	65	9	±0.3	20°	1	

Part Number Type	d	D	C	(E)	(F)	Unit Price
MUEN	10	20	7	30°		
	12	25	7	20°		
	15	25	7	30°		
	17	30	7	30°		
	20	32	8	30°		
	25	38	8	20°	1.0	
	30	42	8	30°		
	35	50	8	30°		
	40	62	8	30°		
	50	65	9	20°		

Ordering Example Part Number MUEN10