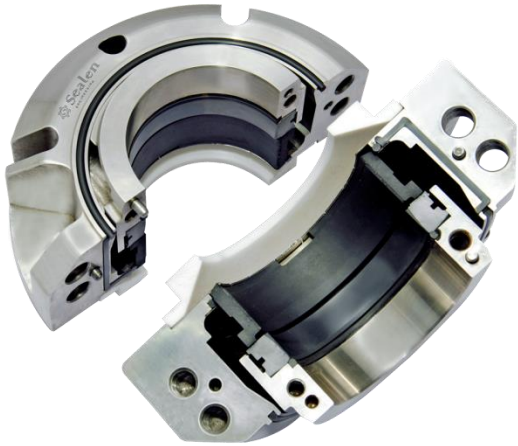




Split Seal (SS 1010 Series)

SS 1010



Split Seal SS 1010 Series is a unique design with minimum components for assembling the seal and allows the user to install the seal in minimum time. The split seal face is balanced covered with split 'O' Ring as a sealing member. Slots are provided in the housing to facilitate fitting of the seal on various equipment with different PCD's.

Applications : Utility & Transfer Pumps, Hydro Powers, Agitator & Vessels.

Seal Components :

Seal Face :

Carbon / Ceramic

Carbon / Silicon Carbide

Secondary Seal : Elastomers

Metal Parts : SS 304, SS 316, Hastelloy-C,
Titanium, Monel, Alloy 12.

Seal Characteristics :

- Fully Split Components
- Ease of Installation
- Balanced Seal Faces

Operating Parameters :

Shaft Dia : 45 to 180 mm

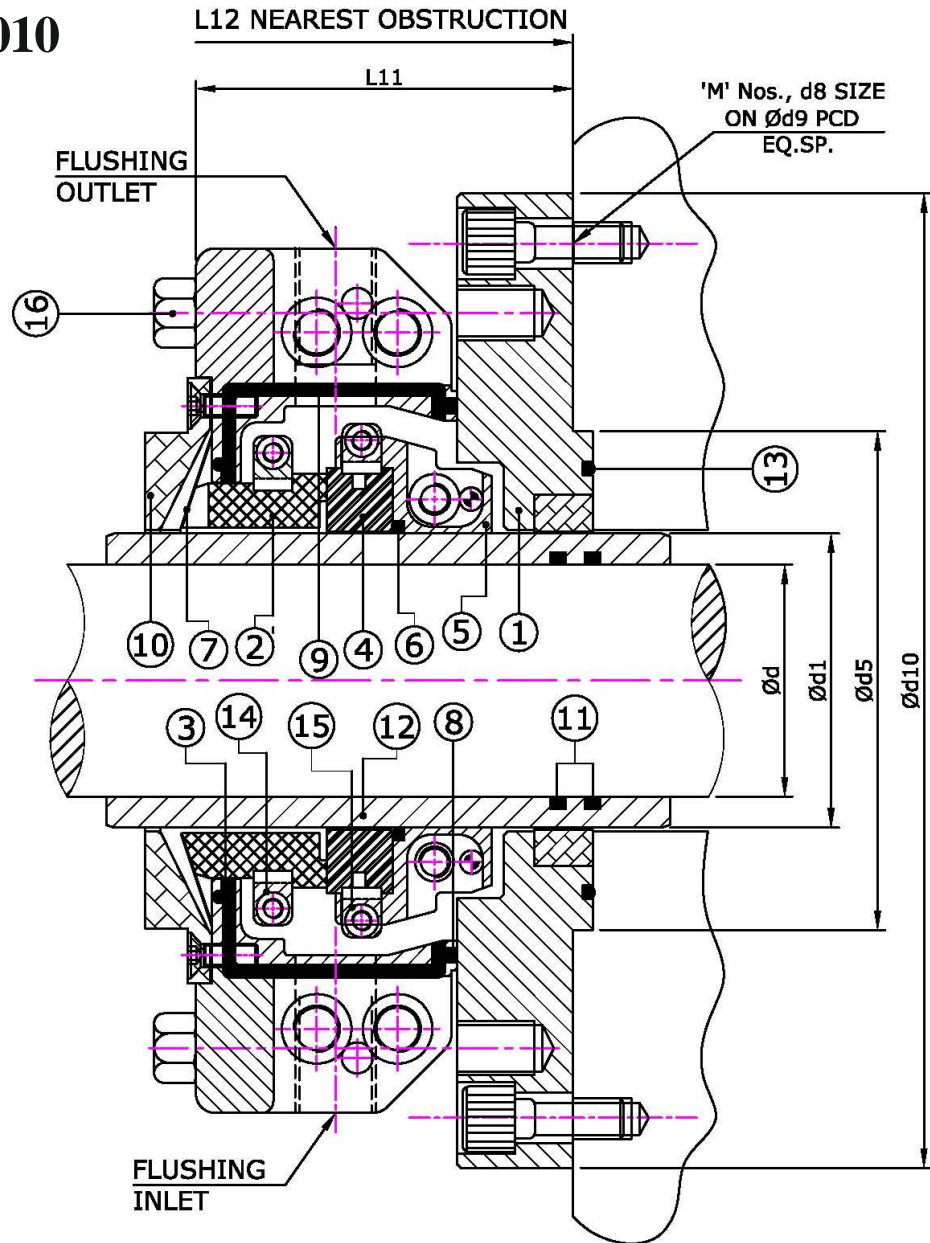
Pressure : 15 Bars (max)

Temperature : Ambient to +140°C

Speed : Up to 3600 rpm (max)



SS 1010



ITEM	DESCRIPTION	ITEM	DESCRIPTION
1	GLAND	9	"C" PACKING
2	SEAL RING	10	PTFE GUIDE
3	O RING	11	O RING
4	MATING RING	12	SLEEVE
5	M.R. HOLDER	13	O RING
6	O RING	14	S.R. CLAMP
7	DISC SPRING	15	M.R. CLAMP
8	O RING	16	HEX BOLT SET



SS 1010 DIMENIONS IN MILLIMETER

SHAFT SIZE	SEAL SIZE						
d^{g6}	$d1^{+0.00/-0.05}$	$d5^{H12}$	M,d8	d9	d10	L11	L12
45.0	55.0	108.0	6,M10	205.0	231.0	115.0	170.0
50.0	60.0	113.0	6,M10	210.0	236.0	115.0	170.0
55.0	69.0	122.0	6,M10	219.0	245.0	115.0	170.0
60.0	75.0	127.0	6,M10	224.0	250.0	115.0	170.0
65.0	79.0	132.0	6,M10	229.0	255.0	115.0	170.0
70.0	84.0	137.0	6,M10	234.0	260.0	115.0	170.0
75.0	89.0	142.0	6,M12	239.0	265.0	115.0	170.0
80.0	94.0	147.0	6,M12	244.0	270.0	115.0	170.0
85.0	99.0	152.0	6,M12	249.0	275.0	115.0	170.0
90.0	108.0	161.0	6,M12	258.0	284.0	115.0	170.0
95.0	113.0	166.0	6,M12	263.0	289.0	115.0	170.0
100.0	120.0	173.0	6,M12	270.0	296.0	115.0	170.0
105.0	125.0	178.0	6,M12	275.0	301.0	115.0	190.0
110.0	130.0	183.0	6,M12	280.0	306.0	115.0	190.0
115.0	135.0	188.0	6,M12	285.0	311.0	115.0	190.0
120.0	140.0	193.0	6,M12	290.0	316.0	115.0	190.0
125.0	149.0	202.0	6,M12	299.0	325.0	115.0	190.0
130.0	154.0	207.0	6,M12	304.0	330.0	115.0	190.0
135.0	159.0	212.0	6,M14	309.0	335.0	115.0	190.0
140.0	164.0	217.0	6,M14	314.0	340.0	115.0	190.0
145.0	169.0	222.0	6,M14	319.0	345.0	115.0	190.0
150.0	180.0	233.0	6,M14	330.0	356.0	115.0	190.0
155.0	185.0	238.0	6,M14	335.0	361.0	115.0	190.0
160.0	190.0	243.0	6,M14	340.0	366.0	115.0	190.0
165.0	195.0	248.0	6,M14	345.0	371.0	115.0	190.0
170.0	204.0	257.0	6,M14	354.0	380.0	115.0	190.0
175.0	210.0	263.0	6,M14	360.0	386.0	115.0	190.0
180.0	220.0	273.0	6,M14	370.0	396.0	115.0	190.0