

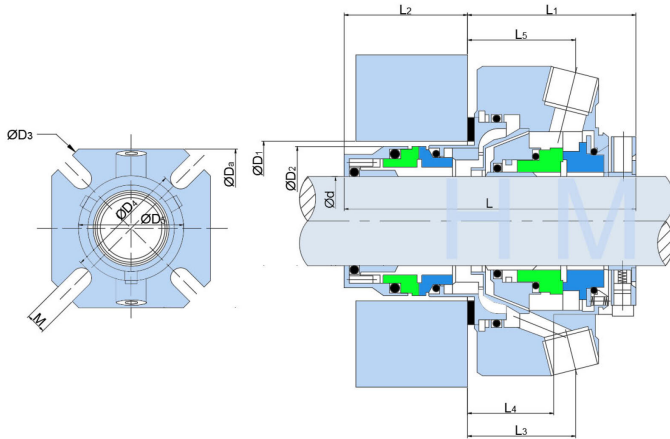


HMCS-A60(DMSF)

Type: Double Cartridge Seal
 Replacement: AES DMSF
 Temperature: -30°C to +205°C
 Pressure: ≤ 1 Mpa
 Speed: ≤ 25 m/s
 Material: B,A,Q1,Q2,U2,E,V,K,F,G,M



24MM-70MM/1.000"-2.750"

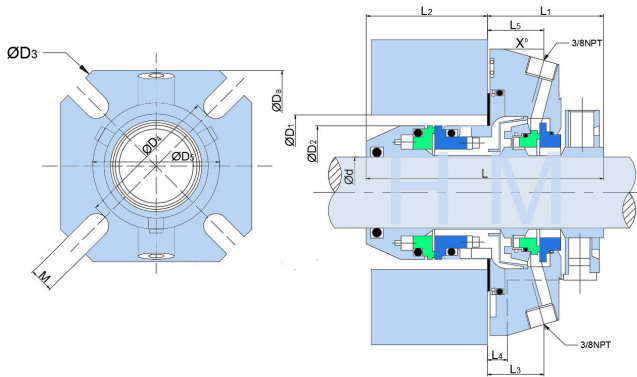


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d	D1		D2	D3	D4	D5	D6	L	L1	L2	L3	L4	L5	M	X
	min	max													
24	43.0	48.0	40.8	105.0	57.7	50.4	99.0	92.0	53.1	38.9	28.2	19.2	29.2	14	20°
25	44.0	51.0	41.8	105.0	62.0	51.0	99.0	92.0	53.1	38.9	27.8	19.2	29.2	14	20°
28	47.0	54.0	45.4	111.0	65.0	55.5	101.6	92.0	53.1	38.9	27.5	19.2	29.4	14	20°
30	49.0	54.0	46.8	105.0	64.6	56.4	97.8	92.0	53.1	38.9	27.4	19.2	29.7	14	20°
32	51.0	57.0	49.8	105.0	66.5	59.4	99.0	92.0	53.1	38.9	28.4	21.5	30.9	14	25°
33	51.0	57.0	49.8	105.0	66.5	59.4	99.0	92.0	53.1	38.9	28.4	21.5	30.9	14	25°
35	53.0	59.0	51.8	120.0	68.5	61.4	104.1	92.0	53.1	38.9	29.3	20.7	29.3	14	15°
38	57.0	69.9	55.7	135.0	80.7	70.8	114.3	92.0	53.1	38.9	30.1	21.3	30.1	14	20°
40	59.0	70.5	57.6	135.0	80.7	70.8	114.3	93.2	53.1	40.1	30.1	21.3	30.1	14	20°
43	61.0	70.5	58.6	135.0	80.7	70.8	114.3	93.2	53.1	40.1	26.7	21.3	29.8	14	15°
45	64.0	75.0	62.0	139.0	84.6	73.8	117.5	93.2	53.1	40.1	30.5	21.9	30.5	14	20°
48	66.6	74.6	65.2	139.0	83.7	75.7	117.5	93.2	53.1	40.1	29.3	21.3	29.9	14	20°
50	70.0	78.0	68.0	150.0	87.6	78.9	124.5	93.2	53.1	40.1	30.5	21.6	30.5	17.5	20°
53	73.0	87.0	71.6	150.0	97.0	85.0	136.5	93.2	53.1	40.1	25.7	21.3	29.5	17.5	15°
55	73.0	87.0	71.6	150.0	97.0	85.0	136.5	93.2	53.1	40.1	25.7	21.3	29.5	17.5	15°
58	76.2	92.0	74.7	150.0	102.4	88.0	139.7	93.2	53.1	40.1	30.1	21.3	30.1	17.5	20°
60	80.0	92.0	77.9	164.5	102.4	88.0	139.7	93.2	53.1	40.1	30.5	21.6	30.5	17.5	20°
63	83.0	98.5	81.1	171.0	108.7	94.4	147.3	93.2	53.1	40.1	29.8	21.6	29.8	17.5	15°
65	86.0	98.5	84.3	171.0	108.7	94.4	147.3	93.2	53.1	40.1	29.4	21.3	29.4	17.5	15°
70	89.0	100.0	87.4	180.5	112.0	98.3	152.4	93.2	53.1	40.1	29.7	21.3	29.7	17.5	20°
1.000	1.750	2.000	1.646	4.134	2.441	2.008	3.900	3.622	2.091	1.531	1.093	0.755	1.15	0.551	20°
1.125	1.875	2.125	1.786	4.375	2.559	2.183	4.000	3.622	2.091	1.531	1.084	0.755	1.159	0.551	20°
1.250	2.000	2.250	1.961	4.134	2.618	2.340	3.900	3.622	2.091	1.531	1.120	0.847	1.215	0.551	25°
1.375	2.125	2.312	2.040	4.725	2.697	2.418	4.100	3.622	2.091	1.531	1.154	0.815	1.154	0.551	15°
1.500	2.250	2.750	2.192	5.315	3.177	2.786	4.500	3.622	2.091	1.531	1.185	0.837	1.185	0.551	20°
1.625	2.375	2.750	2.317	5.315	3.177	2.786	4.500	3.671	2.091	1.580	1.052	0.841	1.173	0.551	15°
1.750	2.500	2.937	2.442	5.475	3.337	2.907	4.625	3.671	2.091	1.580	1.200	0.862	1.200	0.551	20°
1.875	2.625	2.937	2.567	5.475	3.297	2.982	4.625	3.671	2.091	1.580	1.152	0.837	1.175	0.551	20°
2.000	2.750	3.062	2.677	5.906	3.450	3.108	4.900	3.671	2.091	1.580	1.200	0.852	1.200	0.689	20°
2.125	2.875	3.437	2.817	5.906	3.819	3.346	5.375	3.671	2.091	1.580	1.013	0.84	1.163	0.689	15°
2.250	3.000	3.625	2.942	6.475	4.030	3.466	5.500	3.671	2.091	1.580	1.185	0.837	1.185	0.689	20°
2.375	3.125	3.625	3.067	6.475	4.030	3.466	5.500	3.671	2.091	1.580	1.200	0.852	1.200	0.689	20°
2.500	3.250	3.875	3.192	6.725	4.280	3.716	5.800	3.671	2.091	1.580	1.173	0.852	1.173	0.689	15°

HMCS-A60(DMSF)

75MM- 125MM/2.875"-5.0 00"



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d	D1		D2	D3	D4	D5	Da	L	L1	L2	L3	L4	L5	M	X
	min	max													
75	101.6	117.5	98.0	189.3	131.4	116.5	169.4	115.9	63.5	52.4	25.0	25.8	36.3	17.5	20°
80	108.0	127.0	104.4	201.9	142.5	126.0	169.4	115.9	63.5	52.4	25.0	25.8	36.3	21.0	20°
85	111.1	127.0	107.6	201.9	142.5	126.0	182.1	115.9	63.5	52.4	25.0	25.8	36.3	21.0	20°
90	117.5	136.5	113.9	214.6	152.0	135.5	194.8	115.9	63.5	52.4	26.2	25.8	36.3	21.0	20°
95	120.0	136.5	117.1	214.6	152.0	135.5	194.8	115.9	63.5	52.4	26.2	25.8	36.3	21.0	20°
100	127.0	139.7	123.4	227.3	155.2	138.7	207.5	115.9	63.5	52.4	26.2	25.8	36.3	21.0	20°
105	133.4	152.4	129.8	240.0	167.9	151.4	-	115.9	63.5	52.4	36.0	23.8	40.1	21.0	45°
110	139.7	152.4	136.1	240.0	167.9	151.4	-	115.9	63.5	52.4	36.0	23.8	40.1	21.0	45°
115	146.1	165.1	142.5	252.7	180.6	164.1	-	115.9	63.5	52.4	36.0	23.8	40.1	24.0	45°
120	146.1	165.1	142.5	252.7	180.6	164.1	-	115.9	63.5	52.4	36.0	23.8	40.1	24.0	45°
125	152.4	165.1	148.8	252.7	180.6	164.1	-	115.9	63.5	52.4	36.0	23.8	40.1	24.0	45°
2.875	3.875	4.625	3.735	7.45	5.173	4.585	6.67	4.562	2.5	2.062	0.986	1.014	1.429	0.689	20°
3.000	4.000	4.625	3.860	7.45	5.173	4.585	6.67	4.562	2.5	2.062	0.986	1.014	1.429	0.689	20°
3.125	4.125	4.625	3.985	7.45	5.173	4.585	6.67	4.562	2.5	2.062	0.986	1.014	1.429	0.689	20°
3.250	4.250	5.000	4.110	7.95	5.610	4.960	7.17	4.562	2.5	2.062	0.986	1.014	1.429	0.827	20°
3.375	4.375	5.000	4.235	7.95	5.610	4.960	7.17	4.562	2.5	2.062	0.986	1.014	1.429	0.827	20°
3.500	4.500	5.000	4.360	7.95	5.610	4.960	7.17	4.562	2.5	2.062	0.986	1.014	1.429	0.827	20°
3.625	4.625	5.375	4.485	8.45	5.985	5.335	7.67	4.562	2.5	2.062	1.033	1.014	1.429	0.827	20°
3.750	4.750	5.375	4.610	8.45	5.985	5.335	7.67	4.562	2.5	2.062	1.033	1.014	1.429	0.827	20°
3.875	5.000	5.500	4.860	8.95	6.110	5.460	8.17	4.562	2.5	2.062	1.033	1.014	1.429	0.827	20°
4.000	5.000	5.500	4.860	8.95	6.110	5.460	8.17	4.562	2.5	2.062	1.033	1.014	1.429	0.827	20°
4.125	5.250	6.000	5.110	9.45	6.610	5.960	-	4.562	2.5	2.062	1.418	0.937	1.578	0.827	45°
4.250	5.250	6.000	5.110	9.45	6.610	5.960	-	4.562	2.5	2.062	1.418	0.937	1.578	0.827	45°
4.375	5.500	6.000	5.360	9.45	6.610	5.960	-	4.562	2.5	2.062	1.418	0.937	1.578	0.827	45°
4.500	5.500	6.000	5.360	9.45	6.610	5.960	-	4.562	2.5	2.062	1.418	0.937	1.578	0.827	45°
4.625	5.750	6.500	5.610	9.95	7.110	6.460	-	4.562	2.5	2.062	1.418	0.937	1.578	0.945	45°
4.750	5.750	6.500	5.610	9.95	7.110	6.460	-	4.562	2.5	2.062	1.418	0.937	1.578	0.945	45°
4.875	6.000	6.500	5.860	9.95	7.110	6.460	-	4.562	2.5	2.062	1.418	0.937	1.578	0.945	45°
5.000	6.000	6.500	5.860	9.95	7.110	6.460	-	4.562	2.5	2.062	1.418	0.937	1.578	0.945	45°