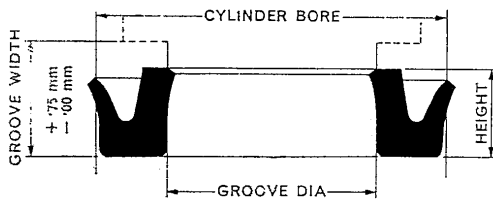


## External Distributor Seals Metric Sizes

Angus Ref. Number	To suit Cylinder Bore mm.	To suit Groove Diameter mm.	Height mm.	Groove width mm.
DE 075037	19	9.5	6.3	7.0
DE 081043	21	11.5	6.3	7.0
DE 087050	22	12.5	6.3	7.0
DE 093056	24	14.5	6.3	7.0
DE 100062	26	16.5	6.3	7.0
DE 106068	27	17.5	6.3	7.0
DE 112062	29	16.3	7.9	9.5
DE 118068	30	17.3	7.9	9.5
DE 125075	32	19.3	7.9	9.5
DE 131081	34	21.3	7.9	9.6
DE 137087	35	22.3	7.9	9.6
DE 143093	37	24.3	7.9	9.5
DE 150100	38	25.3	7.9	9.6
DE 162100	42	26.1	9.5	11.0
DE 175112	45	29.1	9.5	11.0
DE 187125	48	32.1	9.5	11.0
DE 200137	51	35.1	9.5	11.0
DE 212150	54	38.1	9.5	11.0
OE 225162	57	41.1	9.5	11.0
DE 237175	61	45.1	9.5	11.0
DE 250187	64	48.1	9.5	11.0
DE 262200	67	61.1	9.5	11.0
DE 275200	70	50.9	12-7	14.0
DE 287212	73	53.9	12.7	14.0
DE 300225	77	57.5	12.7	14.0
DE 312237	80	60.9	12.7	14.0
DE 325250	83	63.9	12.7	14.0
DE 350275	89	69.9	14.7	14.0
DE 375300	so	75.9	12.7	14.0
DE 400325	102	82.9	12.7	14.0
DE 425350	108	88.9	12.7	14.0
DE 450350	115	89.6	15.9	17.4
DE 475375	121	95.6	15.9	17.4
DE 500400	127	101.6	15.9	17.4
DE 525425	134	108.6	15.9	17.4
DE 550450	140	114.6	15.9	17.4
DE 575476	146	120.6	15.9	17.4
DE 600500	153	127.6	15.9	17.4
DE 625525	159	133.6	15.9	17.4
DE 650550	165	139.6	15.9	17.4
DE 675575	172	145.6	15.9	17.4
DE 700600	178	152.6	15.9	17.4
DE 725500	184	152.3	19.0	20.5
DE 750625	191	159.3	19.0	20.5
DE 775650	197	165.3	19.0	20.5
DE 800675	204	172.3	19.0	20.5
DE 825700	210	178.3	19.0	20.5
DE 860726	216	184.3	19.0	20.5
DE 875750	223	191.3	19	20.5
DE 900775	229	197.3	19.0	20.5
DE 925800	235	203.3	19.0	20.6

**Gaco External Distributor Seals are normally supplied in grade H7 (75 I.R.H.D.)**

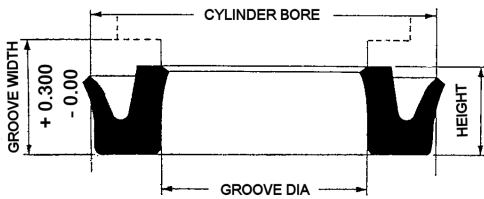
Note: Gaco External Distributor Seals are slightly smaller in diameter than the cylinder and groove, when in the free state. This is to allow for a desirable stretch fit.



## External Distributor Seals Inch Sizes

**Gaco External Distributor Seals are normally supplied in grade H7 (75 I.R.H.D.)**

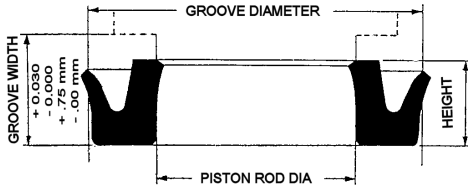
Note: Gaco External Distributor Seals are slightly smaller in diameter than the cylinder and groove, when in the free state. This is to allow for a desirable stretch fit.



Angus Ref. Number	To suit Cylinder		To suit		Height		Groove width	
	ins.	mm.	ins.	mm.	ins.	mm.	ins.	mm.
DE 037	0.375	9.52	0.125	3.17	0.156	3.96	0.219	5.55
DE 043	0.437	11.11	0.187	4.76	0.156	3.96	0.219	5.55
DE 050	0.500	12.70	0.250	6.35	0.187	4.76	0.250	6.35
DE 056	0.563	14.28	0.312	7.93	0.187	4.76	0.250	6.35
DE 062	0.625	15.87	0.312	7.93	0.219	5.55	0.281	7.14
DE 068	0.687	17.46	0.475	12.05	0.125	3.17	0.187	4.76
DE 075	0.750	19.05	0.500	12.70	0.125	3.17	0.187	4.76
DE 081	0.812	20.63	0.563	14.28	0.250	6.35	0.312	7.93
DE 087	0.875	22.22	0.500	12.70	0.250	6.35	0.312	7.93
DE 093	0.937	23.81	0.563	14.28	0.250	6.35	0.312	7.93
DE 100	1.000	25.40	0.625	15.87	0.250	5.35	0.312	7.93
DE 106	1.062	26.99	0.687	17.46	0.250	6.35	0.312	7.93
DE 112	1.125	28.58	0.750	19.05	0.250	6.35	0.312	7.93
OE 118	1.187	30.16	0.812	20.63	0.250	6.35	0.312	7.93
DE 125	1.250	31.75	0.750	19.05	0.250	6.35	0.312	7.93
DE 131	1.312	33.34	0.563	14.28	0.375	9.52	0.437	11.11
DE 137	1.375	34.93	0.875	22.22	0.250	6.35	0.312	7.93
DE 143	1.437	36.51	1.000	25.40	0.250	6.35	0.312	7.93
DE 150	1.500	38.10	1.187	30.16	0.250	6.35	0.312	7.93
DE 156	1.563	39.69	1.062	26.99	0.250	6.35	0.312	7.93
DE 162	1.625	41.28	1.187	30.16	0.250	6.35	0.312	7.93
DE 168	1.687	42.86	1.187	30.16	0.375	9.52	0.437	11.11
DE 175	1.750	44.45	1.375	34.93	0.274	7.00	0.328	8.33
DE 181	1.812	46.04	1.112	28.25	0.400	10.20	0.469	11.90
DE 187	1.875	47.63	1.250	31.75	0.312	7.93	0.375	9.52
DE 193	1.937	49.21	1.387	35.23	0.375	9.52	0.437	11.11
DE 200	2.000	50.80	1.625	41.28	0.281	7.14	0.344	8.73
DE 212	2.125	53.98	1.625	41.28	0.375	9.52	0.437	11.11
DE 225	2.250	57.15	1.750	44.45	0.250	6.35	0.312	7.93
DE 237	2.375	60.33	1.875	47.63	0.250	6.35	0.312	7.93
DE 250	2.500	63.50	1.800	45.70	0.350	8.85	0.406	10.31
DE 262	2.625	66.68	2.000	50.80	0.350	8.85	0.406	10.31
DE 275	2.750	69.85	2.125	53.98	0.312	7.93	0.375	9.52
DE 287	2.875	73.03	2.500	63.50	0.219	5.55	0.281	7.14
OE 300	3.000	76.20	2.285	58.04	0.344	8.73	0.406	10.31
DE 312	3.125	79.38	2.625	66.68	0.250	6.35	0.312	7.93
DE 325	3.250	82.55	2.812	71.44	0.276	7.05	0.344	8.73
DE 337	3.375	85.73	2.875	73.03	0.375	9.52	0.437	11.11
DE 350	3.500	88.90	3.000	76.20	0.250	6.35	0.312	7.93
DE 362	3.625	92.08	3.000	76.20	0.375	9.52	0.437	11.11
DE 375	3.750	95.25	3.031	76.99	0.290	7.40	0.344	8.73
DE 387	3.875	98.43	3.375	85.73	0.375	9.52	0.437	11.11
DE 400	4.000	101.60	3.500	88.90	0.375	9.52	0.437	11.11

## Internal Distributor Seals Inch Sizes

**Gaco External Distributor Seals are normally supplied in grade H9 (89 I.R.H.D.)**



Angus Ref. Number	Piston Rod Diameter		Groove Diameter		Height		Groove width	
	ins.	mm.	ins.	mm.	ins.	mm.	ins.	mm.
DI 012	0.125	3.17	0.343	8.75	0.156	3.96	0.219	5.55
DI 018	0.187	4.76	0.437	11.11	0.156	3.96	0.219	5.55
DI 025	0.250	6.35	0.500	12.70	0.156	3.96	0.219	5.55
DI 031	0.312	7.93	0.563	14.28	0.156	3.96	0.219	5.55
DI 037	0.375	9.52	0.650	16.50	0.156	-3.96	0.219	5.55
DI 043	0.437	11.11	0.750	19.05	0.156	3.96	0.219	5.55
DI 050	0.500	12.70	0.828	21.00	0.200	5.10	0.281	7.14
DI 056	0.563	14.28	0.812	20.63	0.187	4.76	0.250	6.35
DI 062	0.625	15.87	0.875	22.22	0.187	4.76	0.250	6.35
DI 068	0.687	17.46	0.937	23.81	0.180	4.60	0.250	6.35
DI 075	0.750	19.08	1.000	25.40	0.187	4.76	0.250	6.35
DI 081	0.812	20.63	1.125	28.58	0.187	4.76	0.250	6.35
DI 087	0.875	22.22	1.250	31.75	0.187	4.76	0.250	6.35
DI 093	0.937	23.81	1.437	36.51	0.250	6.35	0.312	7.93
DI 100	1.000	25.40	1.500	38.10	0.250	6.35	0.312	7.93
DI 106	1.062	26.99	1.437	36.51	0.250	6.35	0.312	7.93
DI 112	1.125	28.58	1.625	41.28	0.312	7.93	0.375	9.52
DI 118	1.187	30.16	1.500	38.10	0.250	6.35	0.312	7.93
DI 125	1.250	31.75	1.750	44.45	0.250	6.35	0.312	7.93
DI 131	1.3.12	33.34	1.600	40.63	0.180	4.60	0.250	6.35
DI 137	1.375	34.93	2.000	50.80	0.312	7.93	0.375	9.52
DI 143	1.437	36.51	2.000	50.80	0.312	7.93	0.375	9.52
DI 150	1.500	38.10	2.000	50.80	0.375	9.52	0.437	11.11
DI 156	1.563	39.69	2.203	55.96	0.375	9.52	0.437	11.11
DI 162	1.625	41.28	2.000	50.80	0.219	5.55	0.281	7.14
DI 168	1.687	42.86	2.125	53.98	0.375	9.52	0.437	11.11
DI 175	1.750	44.45	2.250	57.15	0.312	7.93	0.375	3.52
DI 181	1.812	46.04	2.375	60.33	0.375	9.52	0.437	11.11
DI 187	1.875	47.63	2.500	63.50	0.375	9.52	0.437	11.11
DI 193	1.937	49.21	2.625	66.58	0.375	9.52	0.437	11.11
DI 200	2.000	50.80	2.875	73.03	0.437	11.11	0.500	12.70
DI 212	2.125	53.98	2.750	69.85	0.375	9.52	0.437	11.11
DI 225	2.250	57.15	2.750	69.85	0.312	7.93	0.375	9.52
DI 237	2.375	60.33	3.000	76.20	0.312	7.93	0.375	9.52
DI 250	2.500	63.50	3.000	76.20	0.312	7.93	0.375	9.52
DI 262	2.625	66.68	3.125	79.38	0.375	9.52	0.437	11.11
DI 275	2.750	69.85	3.547	90.09	0.375	9.52	0.437	11.11
DI 287	2.875	73.03	3.250	82.55	0.375	9.52	0.437	11.11
DI 300	3.000	76.20	3.500	88.90	0.375	9.52	0.437	11.11
DI 312	3.125	79.38	3.875	98.43	0.375	9.25	0.500	12.70
DI 325	3.250	82.55	3.750	95.25	0.312	7.93	0.375	9.52
DI 337	3.375	85.73	3.875	98.43	0.375	9.52	0.437	11.11
DI 350	3.500	88.90	4.000	101.60	0.375	9.52	0.437	11.11
DI 362	3.625	92.08	4.187	106.40	0.312	7.93	0.375	9.52
DI 375	3.750	95.25	4.375	111.10	0.375	9.52	0.437	11.11
DI 387	3.875	98.43	4.250	107.95	0.375	9.52	0.437	11.11
DI 400	4.000	101.60	4.375	111.10	0.225	5.75	0.281	7.14
DI 425	4.250	107.95	4.250	127.00	0.375	9.52	0.437	11.11
DI 450	4.500	114.30	5.750	146.05	0.500	12.70	0.563	14.28
DI 475	4.750	120.65	5.375	136.50	0.281	7.14	0.344	8.73
DI 500	5.000	127.00	5.750	146.05	0.500	12.70	0.563	14.28
DI 525	5.250	133.35	6.000	152.40	0.500	12.70	0.563	14.28
DI 550	5.500	139.70	6.200	157.52	2.81	7.14	0.344	8.73