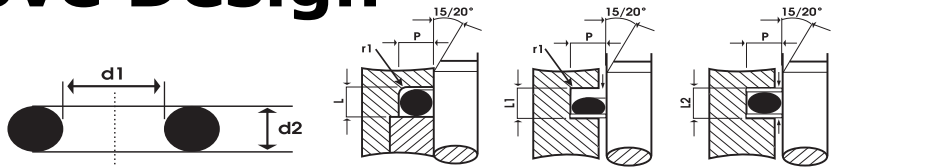


Groove Design

Metric



C/S d2 (mm)	Pressure			No Back-Up		One Back-Up		Two Back-Up		Radius r1 (mm)
	Stat	Dynam.	Pneum	P (mm)	L (mm)	P (mm)	L1 (mm)	P (mm)	L2 (mm)	
1.00	x			0.70	1.40	-	-			0.20
1.50	x			1.14	2.40	-	-			0.30
1.60	x			1.21	2.40			-	-	0.30
1.78-1.80	x	x		1.49	2.50	1.50	4.16	1.50	6.16	0.40
1.78-1.80			x	1.58	2.50			-	-	0.40
1.90	x			1.40	2.60			-	-	0.40
1.90		x		1.55	2.60	1.55	4.00	1.55	5.40	0.40
2.00	x	x		1.68	2.80	1.70	4.20	1.70	5.60	0.40
2.40		x		1.80	3.30	2.05	4.70	2.05	6.10	0.50
2.40			x	2.16	3.30			-	-	0.50
2.40	x			1.90	3.20			-	-	0.50
2.50		x		2.12	3.50	2.15	4.90	2.15	6.30	0.50
2.50	x		x	2.28	3.50			-	-	0.50
2.62-2.65	x	x		2.25	3.25	2.28	4.65	2.28	6.50	0.60
2.62-2.65			x	2.36	3.25			-	-	0.60
2.70	x	x		2.30	3.60	2.30	5.00	2.30	6.40	0.60
2.95	x	x		2.20	3.90	2.50	5.30	2.50	5.30	0.60
3.00		x		2.58	4.10	2.60	5.50	2.60	6.90	0.60
3.00			x	2.72	4.10	-	-	-	-	0.60
3.00	x			2.45	3.80	-	-	-	-	0.60
3.10	x	x		2.50	4.10	2.70	5.50	2.70	6.90	0.60
3.50	x	x		2.65	4.60	3.05	6.00	3.05	7.40	0.60
3.53-3.55	x	x		2.70	4.80	3.10	6.20	3.10	7.60	0.80
3.53-3.55			x	3.21	4.40			-	-	0.80
3.60	x	x		2.80	4.80	3.15	6.20	3.15	7.60	0.80
4.00	x	x		3.46	5.40	3.51	6.80	3.51	8.20	0.80
4.50	x	x		3.50	5.80	4.00	7.50	4.00	9.20	0.80
5.00	x	x		4.45	6.70	4.46	8.50	4.46	10.30	0.80
5.00			x	4.65	6.70	-	-	-	-	0.80
5.30-5.33	x	x		4.72	6.45	4.75	7.66	4.75	10.26	1.20
5.30-5.33			x	4.85	6.45	-	-	-	-	1.20
5.70	x	x		4.60	7.20	5.00	8.90	5.00	10.60	1.20
6.00	x	x		5.06	7.60	5.12	9.40	5.12	11.20	1.20
6.00			x	5.30	7.40	-	-	-	-	1.20
6.99-7.00	x	x		6.05	8.75	6.10	10.12	6.10	13.55	1.50
6.99-7.00			x	6.22	8.75	-	-	-	-	1.50
8.40		x		7.65	11.10	7.68	13.30	7.68	15.50	1.50
8.40			x	7.85	11.10	-	-	-	-	1.50
8.40	x			7.35	9.10	-	-	-	-	1.50



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