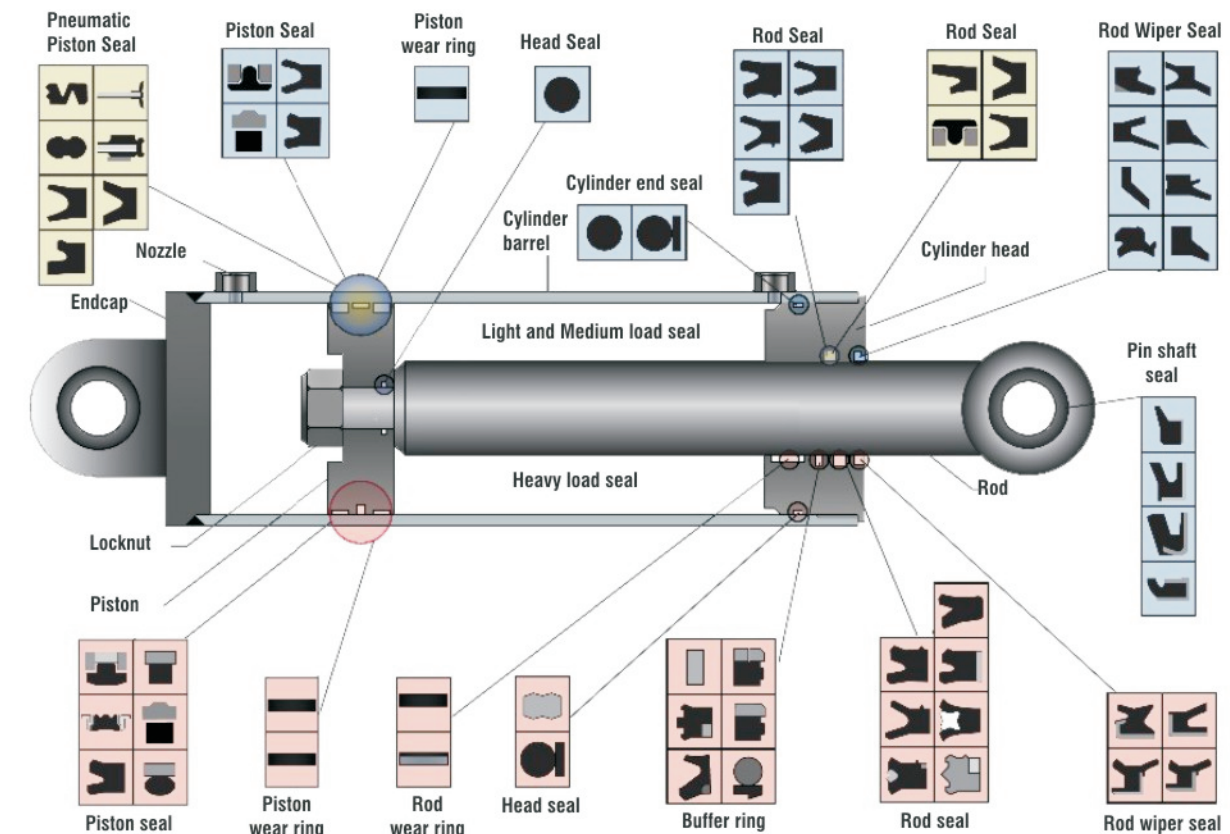
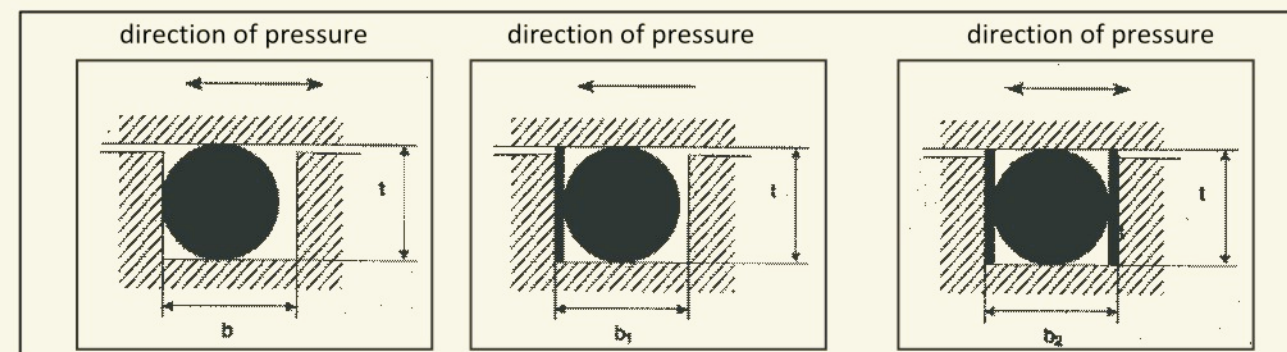


Dimensions of the Installation space for O-rings

Cross Section	Groove Depth $\pm 0,05$	Without Back up Ring $b+0,25$	One Back up Ring $b1 +0,25$	Two Back Up ring $b2,$ $+0,25$	Recommended Back Up ring Thickness
1,50	1,10	2,1	3,1	4,1	1,0
1,78	1,35	2,5	3,5	4,5	1,0
2,00	1,56	2,7	4,2	5,7	1,5
2,50	2,05	3,3	4,8	6,3	1,5
2,62	2,18	3,5	5,0	6,5	1,5
3,00	2,52	3,9	5,4	6,9	1,5
3,50	3,00	4,4	5,9	7,4	1,5
3,53	3,00	4,4	5,9	7,4	1,5
4,00	3,40	5,0	6,7	8,4	1,7
5,00	4,25	6,3	8,0	9,7	1,7
5,33	4,53	6,7	8,4	10,1	1,7
5,70	4,85	7,1	9,1	11,1	2,0
6,00	5,10	7,5	9,5	11,5	2,0
6,99	5,94	8,8	10,8	12,8	2,0
7,00	5,95	8,8	10,8	12,8	2,0
8,00	6,80	10,0	12,5	15,0	2,5
8,40	7,50	11,0	13,5	16,0	2,5
10,00	8,50	12,5	15,0	17,5	2,5

• The stated operating conditions are general indications & these values may be exceeded in certain cases



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Any complication one solution...

WIPER SEALS		ROD SEALS		ROD SEALS		PISTON SEALS	
JDA101		JDS101		JDS125		JDK105	
JDA102		JDS102		JDS126-128		JDK106	
JDA103		JDS102R		JDS129		JDK107	
JDA104		JDS103		JDS130		JDK108	
JDA105		JDS104		JDS131		JDK109	
JDA106		JDS104R		JDS138		JDK109D	
JDA107		JDS105		JDS139		JDK109H	
JDA108		JDS106		JDS141		JDK109N	
JDA111		JDS107		JDS142		JDK110-112	
JDA112		JDS108		JDS199		JDK116	
JDA113		JDS109		JDS205		JDK117	
JDA114		JDS110-112		JDS216		JDK118	
JDA115		JDS116		JDS238		JDK119	
JDA116		JDS117		PISTON SEALS		JDK120	
JDA117		JDS117R		JDK101		JDK122	
JDA118		JDS118		JDK102		JDK123	
JDA119		JDS119		JDK102R		JDK123D	
JDA211		JDS120		JDK103		JDK123H	
JDA212		JDS121		JDK104		JDK123N	
JDA213		JDS124		JDK104R		JDK124	

PISTON SEALS		GUIDE ELEMENTS		ROTARY SEALS		ROTARY SEALS	
JDK125		JDF101		JDR101		JDR119	
JDK126		JDF102		JDR102		JDR201	
JDK127		JDF103		JDR103		JDR202	
JDK138		JDF104		JDR104		JDR203	
JDK139		JDF105		JDR105		JDR204	
JDK140		JDF106		JDR106		JDR205	
JDK141		JDF107		JDR107		JDR206	
JDK142		JDF108		JDR108		JDR207	
JDK143		JDFB102		JDR109		STATIC ELEMENTS	
JDK144		BACK-UP ELEMENTS		JDR110		JDFL101	
JDK145		JDST108		JDR111		JDFL102	
JDK199		JDST109		JDR112		JDFL103	
JDK205		JDST110		JDR115		JDFL104	
JDK216		JDST111		JDR116		JDFL105	
JDK222		JDST112		JDR117		JDFL106	
JDK238		JDST113		JDR118		JDFL107	
Material		Colour	Application Temp.	Hardn. at 20°C		JDFL108	
HPU Red			-20 to +115°C	Shore A 95 +/-2		JDFL109	
NBR Black			-30 to +110°C	Shore A 85 +/-5		JDFL110	
VITON Brown			-20 to +210°C	Shore A 85 +/-5		JDFL111	
CAST NYLON			-60 to +100°C				
PTFE White			-200 to +260°C	Shore D 51 - 65			
PTFE (BRONZE)			-200 to +260°C	Shore D 62 - 67			
PEEK Beige			-50 to +250°C	Shore D 90			