

Mechanical seal code

Component seals

The material combination consists of 5 signs

1. Stationary seat	2. Sealing ring	3. Secondary seal	4. Springs	5. Remaining parts
1) Cast iron	1) Carbon type 1, resin bonded graphite	1) Nitrile rubber NBR	1) Steel	1) Steel AISI 1045
2) Bronze	2) Carbon type 2, pure	2) Butyl rubber Q	2)	2) Brass C36000
3) Chromium steel	3) Carbon type 3, Antimony impr.	3) Silicon rubber Q	3) Bronze C51900	3) Bronze C90800
4) Stellite on stainless steel AISI 329	4) Bronze	4)	4) Monel	4) Monel
5) Stainless steel	5) Carbon type 5, Phen. res.impr.	5) Fluorinated rubber FPM	5) Nimonic	5) Chromium steel AISI 420
6) Carbon (type as column 2)	6) Stainless steel	6) Ethylene Propylene EPDM	6) Stainless steel AISI 302	6) Stainless steel AISI 420
7) Aluminum oxide (ceramic)	7) Aluminum oxide (ceramic)	7) PTFE	7) Stainless steel AISI 316	7) Stainless steel AISI 329 / AISI 316
8) Tungsten carbide / AISI 329	8) Tungsten carbide / AISI 329	8) PTFE glass filled	8) Hastelloy	8) Inconel, Hastelloy
9) PTFE reinforced	9) PTFE reinforced	9) (PTFE- asbestos) experied material	9) PTFE+ AISI 316	9) SMO- 254

X) Silicon carbide, converted	C) Carbon type C, Phen.res.impr.	M) Metal bellow	B) Bakelite (stop ring)
Y) Silicon carbide, solid Beta	D) Carbon type D, Antimony impr.		
Z) Silicon carbide, solid Beta	E) Carbon type E, Phen. res. impr.		
A) Aluminum bronze	F) Carbon type F, pure		
N) Novotex	X) Silicon carbide, converted		
M) Aluminum oxide (94%)	Y) Silicon carbide, solid Beta		
	Z) Silicon carbide, solid Alfa		
	A) Aluminum bronze		

Following letters elucidate the design

H) The seat is solid in stated material (sign 8, Y and Z)	A) Left hand spring
G) The sealing ring is solid in stated material (sign Y and Z)	S) Flush hole in the collar
E) Carbon shrinked-in into sealing ring made in stainless steel	L) Long collar
R) The spring sleeve is assembled inversely	B) Stop ring with a ball
D) The secondary seal has double lips	C) Stop ring with a screw