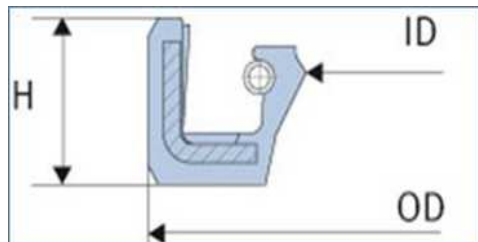


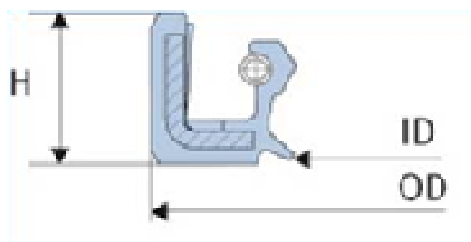
NBR 75 – K7 Oil Seals color Black

ASTM D2000 M2 BG 710 A14 B14 EA14 EF11 EF21 EO14 EO34 Z1:Hardness Shore A 75±5

GAT type A



GAT type AS



Date	Revision	Details of changes
17/02/25	07	Modified profile drawing
07/02/22	06	Updated ECHA's restriction, change data sheet format
09/09/19	05	Updated values
25/07/16	04	Updated values change data sheet format
18/04/13	03	Updated values
01/10/10	02	Updated values
08/06/09	01	First edition

Physical Properties

Proprietà	Property	Test Method	Units	Measured Value
Durezza	Hardness	ASTM D 2240	Shore A	72
Densità	Density	ASTM D 792	g/cm ³	1.252
M100	M100	ASTM D 412 C	MPa	5.1
Carico a rottura	Tensile strength	ASTM D 412 C	MPa	14.9
Allungamento a rottura	Elongation at break	ASTM D 412 C	%	282.5
Compression set 22 hrs @ 100°C	Compression set 22 hrs @ 100°C	ASTM D 395 B	%	7.45
Compression set 70 hrs @ 100°C	Compression set 70 hrs @ 100°C	ASTM D 395 B	%	12.36

Change in properties after ageing

Test conditions ASTM D 573 (Aria – Air) / ASTM D 471 (Fluidi – Fluids)

Ambiente Medium	Tempo Time	°C	Durezza Hardness	Δ Tensile Strength	Δ Elong. At break	Δ Volume	Δ Weight
Aria - Air	70	100	+4.3	+2	-15	-	-
IRM 901	70	100	+8	+4	-4.5	-7.5	-6
IRM 903	70	100	+3.1	-34	-45	+2.5	+1.8
FUEL A	70	23	-1.2	-6.5	-2.7	+1.5	+0.5
FUEL B	70	23	-12.5	-38	-37	+21	+12

I dati riportati sono suscettibili di variazioni che GAPI riterrà di apportare per migliorare le caratteristiche del prodotto.

Per applicazioni specifiche si consiglia di contattare il nostro customer service. Documentazione non soggetta ad aggiornamento.

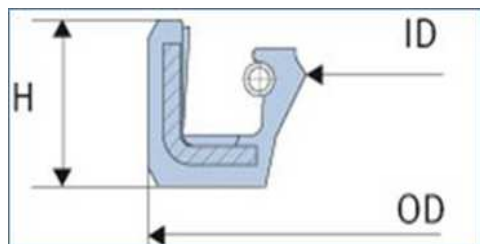
Since development and improvement of compounds is a continuing process, GAPI reserves the right to modify their composition and characteristics.

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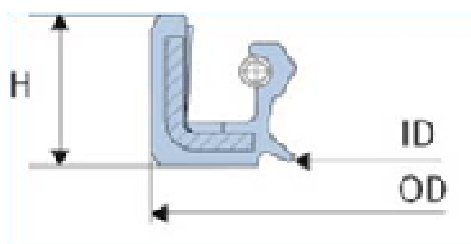
NBR 75 – K7 Oil Seals color Black

ASTM D2000 M2 BG 710 A14 B14 EA14 EF11 EF21 EO14 EO34 Z1:Hardness Shore A 75±5

GAT type A



GAT type AS



Metal Case – Material Composition and Characteristics

Materiale Material	Ra MPa	Rm MPa	A80 mln	C max	P max	Mn max	Ti max
DC03 EN 10130 n°1.0347	240	270/370	34	0.10%	0.035%	0.035%	0.45%

Spring – Material Composition

Materiale Material	C	Si	Mn	P max	S max	Cu max
EN 10270 - 1	0.35 – 1.00%	0.10 – 0.30%	0.50 – 1.20%	0.035%	0.035%	0.20%

Restrizioni/Restrictions

REACH Allegato XVII Restrizione 50

Gli articoli prodotti con questo materiale non possono essere immessi in commercio per la vendita al pubblico.

Gli articoli prodotti con questo materiale non possono essere utilizzati in giocattoli, compresi giocattoli di attività, e articoli di puericultura che vengono a contatto con la pelle umana o con la cavità orale.

REACH Annex XVII Restriction 50

Items produced with this material shall not be placed on the market for supply to general public.

Articles made from this material cannot be used in toys, including activity toys, and childcare articles that come into contact with human skin or the oral cavity.

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