

List of seals

1 Nitrile rubber type (Rod B)/160H-1

Parts name		Material	Q'ty	φ32	φ40	φ50	φ63	φ80
Piston packing		Hydrogenated nitrile rubber	2	OUHR32×25×5	OUHR40×32×5.4	OUHR50×42×5.4	OUHR63×55×5.4	OUHR80×70×6.5
Rod packing		Hydrogenated nitrile rubber	1	IUH18×25×5	IUH22×29×5	IUH28×36×5.4	IUH36×44×5.4	IUH45×53×5.4
Wiper ring		Hydrogenated nitrile rubber	1	LBH18×24V3.5×4.5	LBH22×28×3.5×4.5	LBH28×36×4.5×6	LBH36×44×4.5×6	LBH45×53×4.5×6
Cover seal		Nitrile rubber	2	TT-32	TT-40	TT-50	TT-63	TT-80
O-ring for piston rod		Nitrile rubber	1	S-12.5	S-16	S-20	G-25	G-30
O-ring for cushion ring		Nitrile rubber	1	S-15	P-18	P-22	G-30	S-38
O-ring for bush		Nitrile rubber	1	P-21	G-25	G-30	G-40	G-50
Valve seal		Canned hydrogenated nitrile rubber	2	CX-8H	CX-12H	CX-12H	CX-12H	CX-14H
Packing set	Double acting single rod cylinder	—	1 set	RH1/PKS1-032B	RH1/PKS1-040B	RH1/PKS1-050B	RH1/PKS1-063B	RH1/PKS1-080B

Parts name		Material	Q'ty	φ100	φ125	φ140	φ160
Piston packing		Hydrogenated nitrile rubber	2	OUHR100×90×6.5	OUHR125×110×9.6	OUHR140×125×9.6	OUHR160×145×9.6
Rod packing		Hydrogenated nitrile rubber	1	IUH56×66×6.5	IUH70×80×6.5	IUH80×90×6.5	IUH90×100×6.5
Wiper ring		Hydrogenated nitrile rubber	1	LBH56×66×5×6.5	LBH70×80×5×6.5	LBH80×90×5×6.5	LBH90×100×5×6.5
Cover seal		Nitrile rubber	2	TT-100	TT-125	TT-140	TT-160
O-ring for piston rod		Nitrile rubber	1	G-40	G-50	G-60	G-70
O-ring for cushion ring		Nitrile rubber	1	S-56	G-65	G-75	G-85
O-ring for bush		Nitrile rubber	1	G-65	G-80	G-90	G-100
Valve seal		Canned hydrogenated nitrile rubber	2	CX-14H	CR-18H	CR-18H	CR-18H
O-ring for cushion valve		Hydrogenated nitrile rubber	2	—	S-7	S-7	S-7
Packing set	Double acting single rod cylinder	—	1 set	RH1/PKS1-100B	RH1/PKS1-125B	RH1/PKS1-140B	RH1/PKS1-160B

- S-7 and S-12.5 are made of hydrogenated nitrile rubber with hardness of 70. S-16 and S-20 are made of the same with hardness of 90.

Other O-rings conform to JIS B 2401-1A.

- Nominal packing models are subject to change.

List of seals

1 Nitrile rubber type (Rod B)/160H-1R

Parts name		Material	Q'ty	φ32	φ40	φ50	φ63	φ80
Piston packing		Hydrogenated nitrile rubber	2	OUHR32×25×5	OUHR40×32×5.4	OUHR50×42×5.4	OUHR63×55×5.4	OUHR80×70×6.5
Rod packing		Hydrogenated nitrile rubber	1	IUH18×25×5	IUH22×29×5	IUH28×36×5.4	IUH36×44×5.4	IUH45×53×5.4
Wiper ring		Hydrogenated nitrile rubber	1	LBH18×24×3.5×4.5	LBH22×28×3.5×4.5	LBH28×36×4.5×6	LBH36×44×4.5×6	LBH45×53×4.5×6
Cover seal		Nitrile rubber	2	TT-32	TT-40	TT-50	TT-63	TT-80
O-ring for piston rod		Nitrile rubber	1 Note 1)	P-15	S-16	P-22	G-30	G-30
O-ring for cushion ring		Nitrile rubber	1	S-15	P-18	P-22	G-30	S-38
O-ring for bush		Nitrile rubber	1	P-21	G-25	G-30	G-40	G-50
O-ring for piston		Nitrile rubber	1	—	—	—	—	G-45
Valve seal		Canned hydrogenated nitrile rubber	2	CX-8H	CX-12H	CX-12H	CX-12H	CX-14H
Packing set	Double acting single rod cylinder	—	1 set	RH1R/PKS1-032B	RH1R/PKS1-040B	RH1R/PKS1-050B	RH1R/PKS1-063B	RH1R/PKS1-080B

Parts name		Material	Q'ty	φ100	φ125	φ140	φ160
Piston packing		Hydrogenated nitrile rubber	2	OUHR100×90×6.5	OUHR125×110×9.6	OUHR140×125×9.6	OUHR160×145×9.6
Rod packing		Hydrogenated nitrile rubber	1	IUH56×66×6.5	IUH70×80×6.5	IUH80×90×6.5	IUH90×100×6.5
Wiper ring		Hydrogenated nitrile rubber	1	LBH56×66×5×6.5	LBH70×80×5×6.5	LBH80×90×5×6.5	LBH90×100×5×6.5
Cover seal		Nitrile rubber	2	TT-100	TT-125	TT-140	TT-160
O-ring for piston rod		Nitrile rubber	1	G-40	G-50	G-60	G-70
O-ring for cushion ring		Nitrile rubber	1	S-56	G-65	G-75	G-85
O-ring for bush		Nitrile rubber	1	G-65	G-80	G-90	G-100
O-ring for piston		Nitrile rubber	1	G-65	G-85	G-95	G-110
Valve seal		Canned hydrogenated nitrile rubber	2	CX-14H	CR-18H	CR-18H	CR-18H
O-ring for cushion valve		Hydrogenated nitrile rubber	2	—	S-7	S-7	S-7
Packing set	Double acting single rod cylinder	—	1 set	RH1R/PKS1-100B	RH1R/PKS1-125B	RH1R/PKS1-140B	RH1R/PKS1-160B

Note 1) Quantity of the O-rings for piston rod with a bore 40 mm is two.

- S-7 is made of hydrogenated nitrile rubber with hardness of 70. S-16 is made of the same with hardness of 90. Other O-rings conform to JIS B 2401-1A.
- Nominal packing models are subject to change.

2 Urethane rubber type (Rod B)/160H-1, 160H-1R

Parts name		Material	Q'ty	φ32	φ40	φ50	φ63	φ80
Piston packing		Urethane rubber + Nitrile rubber	1	KR003200701	KR304000701	KR005000701	KR006300701	KR408000701
Rod packing		Urethane rubber	1	B31826P5008	B32229P5008	B32836P5008	B33644P5008	B34050P5008
Wiper ring		Urethane rubber	1	AY1080P5008	AY2020P5008	AY2080P5008	AY3060P5008	AY4045P5008
Cover seal		Nitrile rubber	2	TT-32	TT-40	TT-50	TT-63	TT-80
O-ring for piston rod		Nitrile rubber	1	S-12.5	S-16	S-20	G-25	G-30
O-ring for cushion ring		Nitrile rubber	1	S-15	P-18	P-22	G-30	S-38
O-ring for bush		Nitrile rubber	1	P-21	G-25	G-30	G-40	G-50
Valve seal		Canned hydrogenated nitrile rubber	2	CX-8H	CX-12H	CX-12H	CX-12H	CX-14H
Packing set	Double acting single rod cylinder	—	1 set	RH1/PKS2-032B	RH1/PKS2-040B	RH1/PKS2-050B	RH1/PKS2-063B	RH1/PKS2-080B

Parts name		Material	Q'ty	φ100	φ125	φ140	φ160
Piston packing		Urethane rubber + Nitrile rubber	1	KR010000701	KR012500701	KR214000701	KR016000701
Rod packing		Urethane rubber	1	B35666P5008	B37079P5008	B38075P5008	B39001P5008
Wiper ring		Urethane rubber	1	AY5060P5008	AY7000P5008	AY8030P5008	AY9000P5008
Cover seal		Nitrile rubber	2	TT-100	TT-125	TT-140	TT-160
O-ring for piston rod		Nitrile rubber	1	G-40	G-50	G-60	G-70
O-ring for cushion ring		Nitrile rubber	1	S-56	G-65	G-75	G-85
O-ring for bush		Nitrile rubber	1	G-65	G-80	G-90	G-100
Valve seal		Canned hydrogenated nitrile rubber	2	CX-14H	CR-18H	CR-18H	CR-18H
O-ring for cushion valve		Hydrogenated nitrile rubber	2	—	S-7	S-7	S-7
Packing set	Double acting single rod cylinder	—	1 set	RH1/PKS2-100B	RH1/PKS2-125B	RH1/PKS2-140B	RH1/PKS2-160B

- S-7 and S-12.5 are made of hydrogenated nitrile rubber with hardness of 70. S-16 and S-20 are made of the same with hardness of 90.
Other O-rings conform to JIS B 2401-1A.
- Nominal packing models are subject to change.

List of seals

6 Hydrogenated nitrile rubber type (Rod B)/160H-1

Parts name		Material	Q'ty	φ32	φ40	φ50	φ63	φ80
Piston packing		Hydrogenated nitrile rubber	2	OUHR32×25×5	OUHR40×32×5.4	OUHR50×42×5.4	OUHR63×55×5.4	OUHR80×70×6.5
Rod packing		Hydrogenated nitrile rubber	1	IUH18×25×5	IUH22×29×5	IUH28×36×5.4	IUH36×44×5.4	IUH45×53×5.4
Wiper ring		Hydrogenated nitrile rubber	1	LBH18×24×3.5×4.5	LBH22×28×3.5×4.5	LBH28×36×4.5×6	LBH36×44×4.5×6	LBH45×53×4.5×6
Cover seal		Hydrogenated nitrile rubber	2	TT-32	TT-40	TT-50	TT-63	TT-80
O-ring for piston rod		Hydrogenated nitrile rubber	1	S-12.5	S-16	S-20	G-25	G-30
O-ring for cushion ring		Hydrogenated nitrile rubber	1	S-15	P-18	P-22	G-30	S-38
O-ring for bush		Hydrogenated nitrile rubber	1	P-21	G-25	G-30	G-40	G-50
Valve seal		Canned hydrogenated nitrile rubber	2	CX-8H	CX-12H	CX-12H	CX-12H	CX-14H
Packing set	Double acting single rod cylinder	—	1 set	RH1/PKS6-032B	RH1/PKS6-040B	RH1/PKS6-050B	RH1/PKS6-063B	RH1/PKS6-080B

Parts name		Material	Q'ty	φ100	φ125	φ140	φ160
Piston packing		Hydrogenated nitrile rubber	2	OUHR100×90×6.5	OUHR125×110×9.6	OUHR140×125×9.6	OUHR160×145×9.6
Rod packing		Hydrogenated nitrile rubber	1	IUH56×66×6.5	IUH70×80×6.5	IUH80×90×6.5	IUH90×100×6.5
Wiper ring		Hydrogenated nitrile rubber	1	LBH56×66×5×6.5	LBH70×80×5×6.5	LBH80×90×5×6.5	LBH90×100×5×6.5
Cover seal		Hydrogenated nitrile rubber	2	TT-100	TT-125	TT-140	TT-160
O-ring for piston rod		Hydrogenated nitrile rubber	1	G-40	G-50	G-60	G-70
O-ring for cushion ring		Hydrogenated nitrile rubber	1	S-56	G-65	G-75	G-85
O-ring for bush		Hydrogenated nitrile rubber	1	G-65	G-80	G-90	G-100
Valve seal		Canned hydrogenated nitrile rubber	2	CX-14H	CR-18H	CR-18H	CR-18H
O-ring for cushion valve		Hydrogenated nitrile rubber	2	—	S-7	S-7	S-7
Packing set	Double acting single rod cylinder	—	1 set	RH1/PKS6-100B	RH1/PKS6-125B	RH1/PKS6-140B	RH1/PKS6-160B

- Hardness of S-7 and S-12.5 is 70. The same of other O-rings is 90.
- Nominal packing models are subject to change.

6 Hydrogenated nitrile rubber type (Rod B)/160H-1R

Parts name		Material	Q'ty	φ32	φ40	φ50	φ63	φ80
Piston packing		Hydrogenated nitrile rubber	2	OUHR32×25×5	OUHR40×32×5.4	OUHR50×42×5.4	OUHR63×55×5.4	OUHR80×70×6.5
Rod packing		Hydrogenated nitrile rubber	1	IUH18×25×5	IUH22×29×5	IUH28×36×5.4	IUH36×44×5.4	IUH45×53×5.4
Wiper ring		Hydrogenated nitrile rubber	1	LBH18×24×3.5×4.5	LBH22×28×3.5×4.5	LBH28×36×4.5×6	LBH36×44×4.5×6	LBH45×53×4.5×6
Cover seal		Hydrogenated nitrile rubber	2	TT-32	TT-40	TT-50	TT-63	TT-80
O-ring for piston rod		Hydrogenated nitrile rubber	1 Note 1	P-15	S-16	P-22	G-30	G-30
O-ring for cushion ring		Hydrogenated nitrile rubber	1	S-15	P-18	P-22	G-30	S-38
O-ring for cushion valve		Hydrogenated nitrile rubber	1	P-21	G-25	G-30	G-40	G-50
O-ring for piston		Hydrogenated nitrile rubber	1	—	—	—	—	G-45
Valve seal		Canned hydrogenated nitrile rubber	2	CX-8H	CX-12H	CX-12H	CX-12H	CX-14H
Packing set	Double acting single rod cylinder	—	1 set	RH1R/PKS6-032B	RH1R/PKS6-040B	RH1R/PKS6-050B	RH1R/PKS6-063B	RH1R/PKS6-080B

Parts name		Material	Q'ty	φ100	φ125	φ140	φ160
Piston packing		Hydrogenated nitrile rubber	2	OUHR100×90×6.5	OUHR125×110×9.6	OUHR140×125×9.6	OUHR160×145×9.6
Rod packing		Hydrogenated nitrile rubber	1	IUH56×66×6.5	IUH70×80×6.5	IUH80×90×6.5	IUH90×100×6.5
Wiper ring		Hydrogenated nitrile rubber	1	LBH56×66×5×6.5	LBH70×80×5×6.5	LBH80×90×5×6.5	LBH90×100×5×6.5
Cover seal		Hydrogenated nitrile rubber	2	TT-100	TT-125	TT-140	TT-160
O-ring for piston rod		Hydrogenated nitrile rubber	1	G-40	G-50	G-60	G-70
O-ring for cushion ring		Hydrogenated nitrile rubber	1	S-56	G-65	G-75	G-85
O-ring for bush		Hydrogenated nitrile rubber	1	G-65	G-80	G-90	G-100
O-ring for piston		Hydrogenated nitrile rubber	1	G-65	G-85	G-95	G-110
Valve seal		Canned hydrogenated nitrile rubber	2	CX-14H	CR-18H	CR-18H	CR-18H
O-ring for cushion valve		Hydrogenated nitrile rubber	2	—	S-7	S-7	S-7
Packing set	Double acting single rod cylinder	—	1 set	RH1R/PKS6-100B	RH1R/PKS6-125B	RH1R/PKS6-140B	RH1R/PKS6-160B

Note 1) Quantity of the O-rings for piston rod with a bore 40 mm is two.

- Hardness of S-7 is 70. The same of other O-rings is 90.
- Nominal packing models are subject to change.

List of seals

8 Combined seal type (Rod B)/160H-1, 160H-1R

Parts name		Material	Q'ty	φ32	φ40	φ50	φ63	φ80
Piston packing		Fluoric resin + Nitrile rubber	1	OE032005200211B	OE040005200211B	OE050005200211C	OE063005200211C	OE080005200211C
Rod packing		Hydrogenated nitrile rubber	1	IUH18×25×5	IUH22×29×5	IUH28×36×5.4	IUH36×44×5.4	IUH45×53×5.4
Wiper ring		Hydrogenated nitrile rubber	1	LBH18×24×3.5×4.5	LBH22×28×3.5×4.5	LBH28×36×4.5×6	LBH36×44×4.5×6	LBH45×53×4.5×6
Cover seal		Nitrile rubber	2	TT-32	TT-40	TT-50	TT-63	TT-80
O-ring for piston rod		Nitrile rubber	1	S-12.5	S-16	S-20	G-25	G-30
O-ring for cushion ring		Nitrile rubber	1	S-15	P-18	P-22	G-30	S-38
O-ring for bush		Nitrile rubber	1	P-21	G-25	G-30	G-40	G-50
Valve seal		Canned hydrogenated nitrile rubber	2	CX-8H	CX-12H	CX-12H	CX-12H	CX-14H
Packing set	Double acting single rod cylinder	—	1 set	RH1/PKS8 -032B	RH1/PKS8 -040B	RH1/PKS8 -050B	RH1/PKS8 -063B	RH1/PKS8 -080B

Parts name		Material	Q'ty	φ100	φ125	φ140	φ160
Piston packing		Fluoric resin + Nitrile rubber	1	OE100005200211D	OE125005200211D	OE140005200211E	OE160005200211E
Rod packing		Hydrogenated nitrile rubber	1	IUH56×66×6.5	IUH70×80×6.5	IUH80×90×6.5	IUH90×100×6.5
Wiper ring		Hydrogenated nitrile rubber	1	LBH56×66×5×6.5	LBH70×80×5×6.5	LBH80×90×5×6.5	LBH90×100×5×6.5
Cover seal		Nitrile rubber	2	TT-100	TT-125	TT-140	TT-160
O-ring for piston rod		Nitrile rubber	1	G-40	G-50	G-60	G-70
O-ring for cushion ring		Nitrile rubber	1	S-56	G-65	G-75	G-85
O-ring for bush		Nitrile rubber	1	G-65	G-80	G-90	G-100
Valve seal		Canned hydrogenated nitrile rubber	2	CX-14H	CR-18H	CR-18H	CR-18H
O-ring for cushion valve		Hydrogenated nitrile rubber	2	—	S-7	S-7	S-7
Packing set	Double acting single rod cylinder	—	1 set	RH1/PKS8 -100B	RH1/PKS8 -125B	RH1/PKS8 -140B	RH1/PKS8 -160B

- S-7 and S-12.5 are made of hydrogenated nitrile rubber with hardness of 70. S-16 and S-20 are made of the same with hardness of 90. Other O-rings conform to JIS B 2401-1A.
- Nominal packing models are subject to change.

1 Nitrile rubber type (Rod A)/160H-1

Parts name		Material	Q'ty	φ40	φ50	φ63	φ80
Piston packing		Hydrogenated nitrile rubber	2	OUHR40×32×5.4	OUHR50×42×5.4	OUHR63×55×5.4	OUHR80×70×6.5
Rod packing		Hydrogenated nitrile rubber	1	IUH28×36×5.4	IUH36×44×5.4	IUH45×53×5.4	IUH56×66×6.5
Wiper ring		Hydrogenated nitrile rubber	1	LBH28×36×4.5×6	LBH36×44×4.5×6	LBH45×53×4.5×6	LBH56×66×5×6.5
Cover seal		Nitrile rubber	2	TT-40	TT-50	TT-63	TT-80
O-ring for piston rod		Nitrile rubber	1	S-16	S-20	G-25	G-30
O-ring for cushion ring		Nitrile rubber	1	S-22.4	S-28	S-35.5	S-45
O-ring for bush		Nitrile rubber	1	G-30	G-40	G-50	G-65
Valve seal (for rod side)		Canned hydrogenated nitrile rubber	3	CX-8H	CX-12H	CX-12H	CX-14H
Valve seal (for head side)		Canned hydrogenated nitrile rubber	1	CX-12H	CX-12H	CX-12H	CX-14H
Packing set	Double acting single rod cylinder	—	1 set	RH1/PKS1-040A	RH1/PKS1-050A	RH1/PKS1-063A	RH1/PKS1-080A

Parts name		Material	Q'ty	φ100	φ125
Piston packing		Hydrogenated nitrile rubber	2	OUHR100×90×6.5	OUHR125×110×9.6
Rod packing		Hydrogenated nitrile rubber	1	IUH70×80×6.5	IUH90×100×6.5
Wiper ring		Hydrogenated nitrile rubber	1	LBH70×80×5×6.5	LBH90×100×5×6.5
Cover seal		Nitrile rubber	2	TT-100	TT-125
O-ring for piston rod		Nitrile rubber	1	G-40	G-50
O-ring for cushion ring		Nitrile rubber	1	S-56	G-65
O-ring for bush		Nitrile rubber	1	G-80	G-100
Valve seal (for rod side)		Canned hydrogenated nitrile rubber	3	CX-14H	CR-18H
Valve seal (for head side)		Canned hydrogenated nitrile rubber	1	CX-14H	CR-18H
O-ring for cushion valve		Hydrogenated nitrile rubber	2	—	S-7
Packing set	Double acting single rod cylinder	—	1 set	RH1/PKS1-100A	RH1/PKS1-125A

- S-7 is made of hydrogenated nitrile rubber with hardness of 70. S-16 and S-20 are made of the same with hardness of 90. Other O-rings conform to JIS B 2401-1A.
- Nominal packing models are subject to change.

List of seals

1 Nitrile rubber type (Rod A)/160H-1R

Parts name		Material	Q'ty	φ40	φ50	φ63	φ80
Piston packing		Hydrogenated nitrile rubber	2	OUHR40×32×5.4	OUHR50×42×5.4	OUHR63×55×5.4	OUHR80×70×6.5
Rod packing		Hydrogenated nitrile rubber	1	IUH28×36×5.4	IUH36×44×5.4	IUH45×53×5.4	IUH56×66×6.5
Wiper ring		Hydrogenated nitrile rubber	1	LBH28×36×4.5×6	LBH36×44×4.5×6	LBH45×53×4.5×6	LBH56×66×5×6.5
Cover seal		Nitrile rubber	2	TT-40	TT-50	TT-63	TT-80
O-ring for piston rod		Nitrile rubber	1 Note 1	S-16	P-22	G-30	G-30
O-ring for cushion ring		Nitrile rubber	1	S-22.4	S-28	S-35.5	S-45
O-ring for bush		Nitrile rubber	1	G-30	G-40	G-50	G-65
O-ring for piston		Nitrile rubber	1	—	—	—	G-45
Valve seal (for rod side)		Canned hydrogenated nitrile rubber	3	CX-8H	CX-12H	CX-12H	CX-14H
Valve seal (for head side)		Canned hydrogenated nitrile rubber	1	CX-12H	CX-12H	CX-12H	CX-14H
Packing set	Double acting single rod cylinder	—	1 set	RH1R/PKS1-040A	RH1R/PKS1-050A	RH1R/PKS1-063A	RH1R/PKS1-080A

Parts name		Material	Q'ty	φ100	φ125
Piston packing		Hydrogenated nitrile rubber	2	OUHR100×90×6.5	OUHR125×110×9.6
Rod packing		Hydrogenated nitrile rubber	1	IUH70×80×6.5	IUH90×100×6.5
Wiper ring		Hydrogenated nitrile rubber	1	LBH70×80×5×6.5	LBH90×100×5×6.5
Cover seal		Nitrile rubber	2	TT-100	TT-125
O-ring for piston rod		Nitrile rubber	1	G-40	G-50
O-ring for cushion ring		Nitrile rubber	1	S-56	G-65
O-ring for bush		Nitrile rubber	1	G-80	G-100
O-ring for piston		Nitrile rubber	1	G-65	G-85
Valve seal (for rod side)		Canned hydrogenated nitrile rubber	3	CX-14H	CR-18H
Valve seal (for head side)		Canned hydrogenated nitrile rubber	1	CX-14H	CR-18H
O-ring for cushion valve		Hydrogenated nitrile rubber	2	—	S-7
Packing set	Double acting single rod cylinder	—	1 set	RH1R/PKS1-100A	RH1R/PKS1-125A

Note 1) Quantity of the O-rings for piston rod with a bore 40 mm is two.

- S-7 is made of hydrogenated nitrile rubber with hardness of 70. S-16 is made of the same with hardness of 90. Other O-rings conform to JIS B 2401-1A.
- Nominal packing models are subject to change.

2 Urethane rubber type (Rod A)/160H-1, 160H-1R

Parts name		Material	Q'ty	φ40	φ50	φ63	φ80
Piston packing		Urethane rubber + Nitrile rubber	1	KR304000701	KR005000701	KR006300701	KR408000701
Rod packing		Urethane rubber	1	B32836P5008	B33644P5008	B34050P5008	B35666P5008
Wiper ring		Urethane rubber	1	AY2080P5008	AY3060P5008	AY4045P5008	AY5060P5008
Cover seal		Nitrile rubber	2	TT-40	TT-50	TT-63	TT-80
O-ring for piston rod		Nitrile rubber	1	S-16	S-20	G-25	G-30
O-ring for cushion ring		Nitrile rubber	1	S-22.4	S-28	S-35.5	S-45
O-ring for bush		Nitrile rubber	1	G-30	G-40	G-50	G-65
Valve seal (for rod side)		Canned hydrogenated nitrile rubber	3	CX-8H	CX-12H	CX-12H	CX-14H
Valve seal (for head side)		Canned hydrogenated nitrile rubber	1	CX-12H	CX-12H	CX-12H	CX-14H
Packing set	Double acting single rod cylinder	—	1 set	RH1/PKS2 -040A	RH1/PKS2 -050A	RH1/PKS2 -063A	RH1/PKS2 -080A

Parts name		Material	Q'ty	φ100	φ125
Piston packing		Urethane rubber + Nitrile rubber	1	KR010000701	KR012500701
Rod packing		Urethane rubber	1	B37079P5008	B39001P5008
Wiper ring		Urethane rubber	1	AY7000P5008	AY9000P5008
Cover seal		Nitrile rubber	2	TT-100	TT-125
O-ring for piston rod		Nitrile rubber	1	G-40	G-50
O-ring for cushion ring		Nitrile rubber	1	S-56	G-65
O-ring for bush		Nitrile rubber	1	G-80	G-100
Valve seal (for rod side)		Canned hydrogenated nitrile rubber	3	CX-14H	CR-18H
Valve seal (for head side)		Canned hydrogenated nitrile rubber	1	CX-14H	CR-18H
O-ring for cushion valve		Hydrogenated nitrile rubber	2	—	S-7
Packing set	Double acting single rod cylinder	—	1 set	RH1/PKS2 -100A	RH1/PKS2 -125A

- S-7 is made of hydrogenated nitrile rubber with hardness of 70. S-16 and S-20 are made of the same with hardness of 90. Other O-rings conform to JIS B 2401-1A.
- Nominal packing models are subject to change.

List of seals

6 Hydrogenated nitrile rubber type (Rod A)/160H-1

Parts name		Material	Q'ty	φ40	φ50	φ63	φ80
Piston packing		Nitrile rubber	2	OUHR40×32×5.4	OUHR50×42×5.4	OUHR63×55×5.4	OUHR80×70×6.5
Rod packing		Nitrile rubber	1	IUH28×36×5.4	IUH36×44×5.4	IUH45×53×5.4	IUH56×66×6.5
Wiper ring		Nitrile rubber	1	LBH28×36×4.5×6	LBH36×44×4.5×6	LBH45×53×4.5×6	LBH56×66×5×6.5
Cover seal		Nitrile rubber	2	TT-40	TT-50	TT-63	TT-80
O-ring for piston rod		Nitrile rubber	1	S-16	S-20	G-25	G-30
O-ring for cushion ring		Nitrile rubber	1	S-22.4	S-28	S-35.5	S-45
O-ring for bush		Nitrile rubber	1	G-30	G-40	G-50	G-65
Valve seal (for rod side)		Canned hydrogenated nitrile rubber	3	CX-8H	CX-12H	CX-12H	CX-14H
Valve seal (for head side)		Canned hydrogenated nitrile rubber	1	CX-12H	CX-12H	CX-12H	CX-14H
Packing set	Double acting single rod cylinder	—	1 set	RH1/PKS6 -040A	RH1/PKS6 -050A	RH1/PKS6 -063A	RH1/PKS6 -080A

Parts name		Material	Q'ty	φ100	φ125
Piston packing		Nitrile rubber	2	OUHR100×90×6.5	OUHR125×110×9.6
Rod packing		Nitrile rubber	1	IUH70×80×6.5	IUH90×100×6.5
Wiper ring		Nitrile rubber	1	LBH70×80×5×6.5	LBH90×100×5×6.5
Cover seal		Nitrile rubber	2	TT-100	TT-125
O-ring for piston rod		Nitrile rubber	1	G-40	G-50
O-ring for cushion ring		Nitrile rubber	1	S-56	G-65
O-ring for bush		Nitrile rubber	1	G-80	G-100
Valve seal (for rod side)		Canned hydrogenated nitrile rubber	3	CX-14H	CR-18H
Valve seal (for head side)		Canned hydrogenated nitrile rubber	1	CX-14H	CR-18H
O-ring for cushion valve		Hydrogenated nitrile rubber	2	—	S-7
Packing set	Double acting single rod cylinder	—	1 set	RH1/PKS6 -100A	RH1/PKS6 -125A

- Hardness of S-7 is 70. The same of other O-rings is 90.
- Nominal packing models are subject to change.

6 Hydrogenated nitrile rubber type (Rod A)/160H-1R

Parts name		Material	Q'ty	φ40	φ50	φ63	φ80
Piston packing		Nitrile rubber	2	OUHR40×32×5.4	OUHR50×42×5.4	OUHR63×55×5.4	OUHR80×70×6.5
Rod packing		Nitrile rubber	1	IUH28×36×5.4	IUH36×44×5.4	IUH45×53×5.4	IUH56×66×6.5
Wiper ring		Nitrile rubber	1	LBH28×36×4.5×6	LBH36×44×4.5×6	LBH45×53×4.5×6	LBH56×66×5×6.5
Cover seal		Nitrile rubber	2	TT-40	TT-50	TT-63	TT-80
O-ring for piston rod		Nitrile rubber	1 Note 1	S-16	P-22	G-30	G-30
O-ring for cushion ring		Nitrile rubber	1	S-22.4	S-28	S-35.5	S-45
O-ring for bush		Nitrile rubber	1	G-30	G-40	G-50	G-65
O-ring for piston		Nitrile rubber	1	—	—	—	G-45
Valve seal (for rod side)		Canned hydrogenated nitrile rubber	3	CX-8H	CX-12H	CX-12H	CX-14H
Valve seal (for head side)		Canned hydrogenated nitrile rubber	1	CX-12H	CX-12H	CX-12H	CX-14H
Packing set	Double acting single rod cylinder	—	1 set	RH1R/PKS6-040A	RH1R/PKS6-050A	RH1R/PKS6-063A	RH1R/PKS6-080A

Parts name		Material	Q'ty	φ100	φ125
Piston packing		Hydrogenated nitrile rubber	2	OUHR100×90×6.5	OUHR125×110×9.6
Rod packing		Hydrogenated nitrile rubber	1	IUH70×80×6.5	IUH90×100×6.5
Wiper ring		Hydrogenated nitrile rubber	1	LBH70×80×5×6.5	LBH90×100×5×6.5
Cover seal		Hydrogenated nitrile rubber	2	TT-100	TT-125
O-ring for piston rod		Hydrogenated nitrile rubber	1	G-40	G-50
O-ring for cushion ring		Hydrogenated nitrile rubber	1	S-56	G-65
O-ring for bush		Hydrogenated nitrile rubber	1	G-80	G-100
O-ring for piston		Hydrogenated nitrile rubber	1	G-65	G-85
Valve seal (for rod side)		Canned hydrogenated nitrile rubber	3	CX-14H	CR-18H
Valve seal (for head side)		Canned hydrogenated nitrile rubber	1	CX-14H	CR-18H
O-ring for cushion valve		Hydrogenated nitrile rubber	2	—	S-7
Packing set	Double acting single rod cylinder	—	1 set	RH1R/PKS6-100A	RH1R/PKS6-125A

Note 1) Quantity of the O-rings for piston rod with a bore 40 mm is two.

- Hardness of S-7 is 70. The same of other O-rings is 90.
- Nominal packing models are subject to change.

List of seals

8 Combined seal type (Rod A)/160H-1, 160H-1R

Parts name		Material	Q'ty	φ40	φ50	φ63	φ80
Piston packing		Fluoric resin + Nitrile rubber	1	OE040005200211B	OE050005200211C	OE063005200211C	OE080005200211C
Rod packing		Hydrogenated nitrile rubber	1	IUH28×36×5.4	IUH36×44×5.4	IUH45×53×5.4	IUH56×66×6.5
Wiper ring		Hydrogenated nitrile rubber	1	LBH28×36×4.5×6	LBH36×44×4.5×6	LBH45×53×4.5×6	LBH56×66×5×6.5
Cover seal		Nitrile rubber	2	TT-40	TT-50	TT-63	TT-80
O-ring for piston rod		Nitrile rubber	1	S-16	S-20	G-25	G-30
O-ring for cushion ring		Nitrile rubber	1	S-22.4	S-28	S-35.5	S-45
O-ring for bush		Nitrile rubber	1	G-30	G-40	G-50	G-65
Valve seal (for rod side)		Canned hydrogenated nitrile rubber	3	CX-8H	CX-12H	CX-12H	CX-14H
Valve seal (for head side)		Canned hydrogenated nitrile rubber	1	CX-12H	CX-12H	CX-12H	CX-14H
Packing set	Double acting single rod cylinder	—	1 set	RH1/PKS8 -040A	RH1/PKS8 -050A	RH1/PKS8 -063A	RH1/PKS8 -080A

Parts name		Material	Q'ty	φ100	φ125
Piston packing		Fluoric resin + Nitrile rubber	1	OE100005200211D	OE125005200211D
Rod packing		Hydrogenated nitrile rubber	1	IUH70×80×6.5	IUH90×100×6.5
Wiper ring		Hydrogenated nitrile rubber	1	LBH70×80×5×6.5	LBH90×100×5×6.5
Cover seal		Nitrile rubber	2	TT-100	TT-160
O-ring for piston rod		Nitrile rubber	1	G-40	G-50
O-ring for cushion ring		Nitrile rubber	1	S-56	G-65
O-ring for bush		Nitrile rubber	1	G-80	G-100
Valve seal (for rod side)		Canned hydrogenated nitrile rubber	3	CX-14H	CR-18H
Valve seal (for head side)		Canned hydrogenated nitrile rubber	1	CX-14H	CR-18H
O-ring for cushion valve		Hydrogenated nitrile rubber	2	—	S-7
Packing set	Double acting single rod cylinder	—	1 set	RH1/PKS8 -100A	RH1/PKS8 -125A

- S-7 is made of hydrogenated nitrile rubber with hardness of 70. S-16 and S-20 are made of the same with hardness of 90. Other O-rings conform to JIS B 2401-1A.
- Nominal packing models are subject to change.