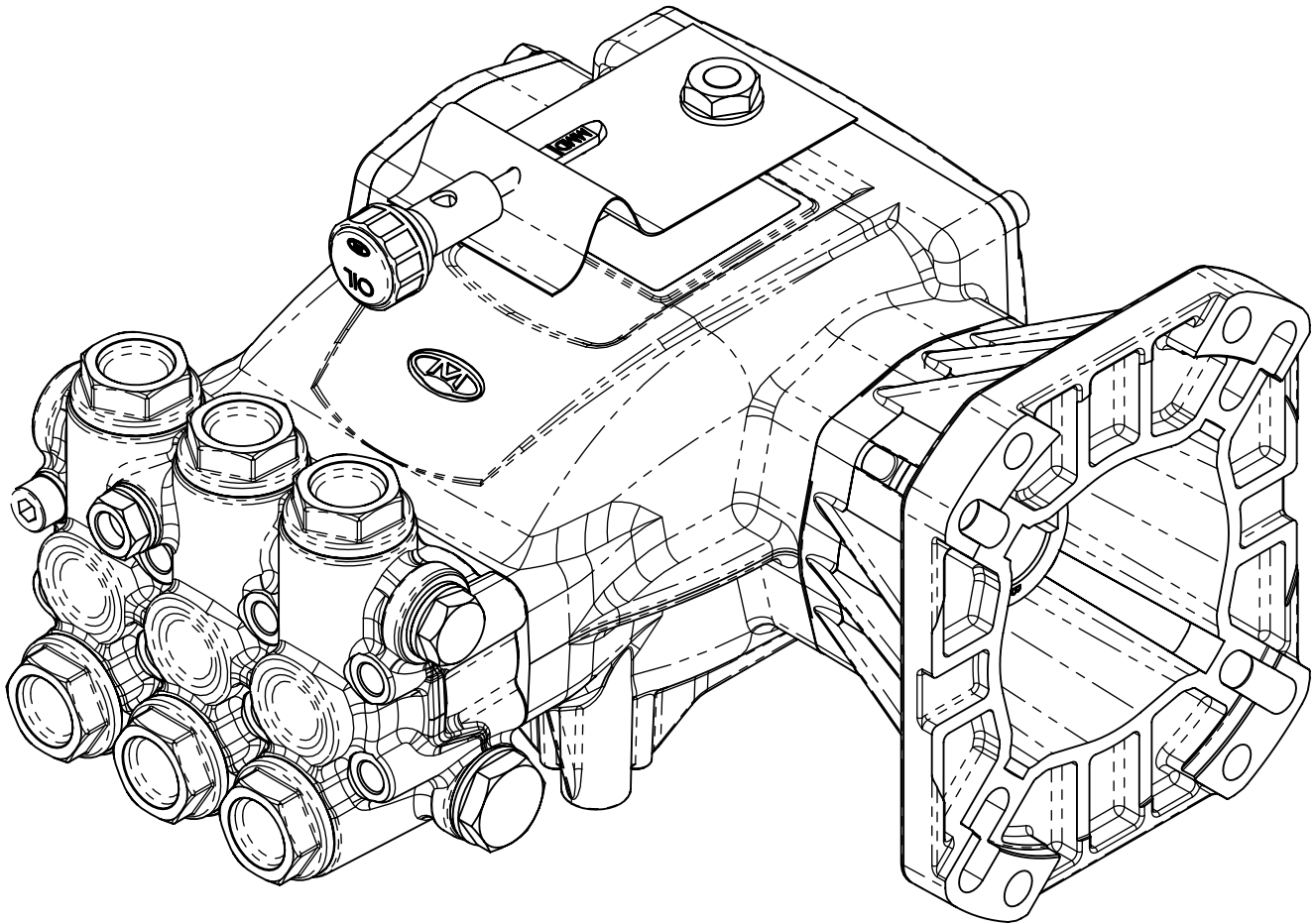


MMD EDM E4

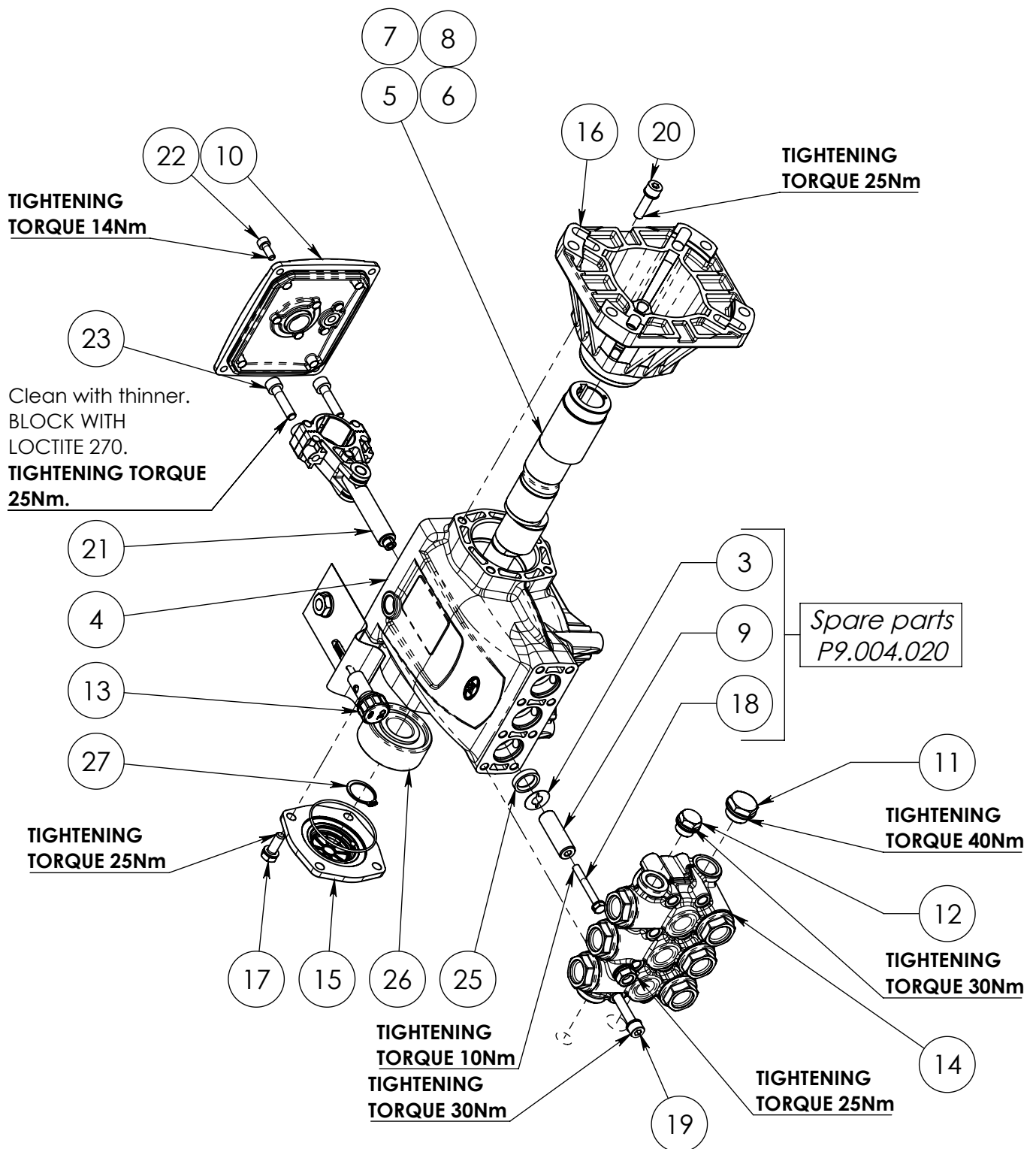


General table

Model	Pressure (Bar)	Pressure (Psi)	Flow Rate 3400 rpm (Lit/min)	Flow Rate 3400 rpm (gpm)	Round (RPM)	Power (Hp)	Power (Kw)
MMD13275 (R-L) EDM E4	275	4000	13.50	3.56	3400	9,64	7,18
MMD16275 (R-L) EDM E4	275	4000	16.00	4.22	3400	11,42	8,51
MMD18275 (R-L) EDM E4	275	4000	18.30	4.83	3400	13,07	9,74
MMD21275 (R-L) EDM E4	275	4000	20.90	5.52	3400	14,92	11,12

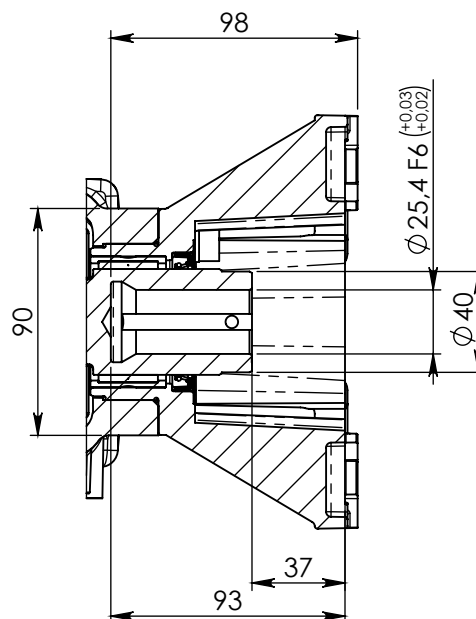
Exploded MMD EDM E4

Espoloso MMD EDM E4



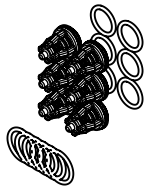


Pos	MMD EDM E4 13275 (R-L) Q.TY	MMD EDM E4 16275 (R-L) Q.TY	MMD EDM E4 18275 (R-L) Q.TY	MMD EDM E4 21275 (R-L) Q.TY	Code	ITALIANO	ENGLISH	DEUTSCH	ESPAÑOL	FRANCAIS
2	1	1	1	1	P0.020.003	Olio o Lubrificante HYDRAULIC 0.7 LIT	Oil or Lubricants HYDRAULIC 0.7 LIT	Öl oder Schmierstoffe HYDRAULIC 0.7 LIT	Aceite o lubricante HYDRAULIC 0.7 LIT	ÖlHuile ou lubrifiant HYDRAULIC 0.7 LIT
3	3	3	3	3	P1.003.003	Rondella Rame ø23.5 ø9.6X0.5	Copper washer ø23.5 ø9.6X0.5	Kupferunterlegsscheibe ø23.5 ø9.6X0.5	Arandela de cobre ø23.5 ø9.6X0.5	Rondelle cuivre ø23.5 ø9.6X0.5
4	1	1	1	1	P1.020.009	Corpo Pompa HY MMD	Pump Body HY MMD	Pumpenkörper HY MMD	Cuerpo de la bomba HY MMD	Corps de pompe HY MMD
5	-	1	-	-	P1.067.053	Albero "MM" EDM E4 -B-	Shaft "MM" EDM E4 -B-	Welle "MM" EDM E4 -B-	Eje "MM" EDM E4 -B-	Arbre "MM" EDM E4 -B-
6	1	-	-	-	P1.067.062	Albero "MM" EDM E4 -J-	Shaft "MM" EDM E4 -J-	Welle "MM" EDM E4 -J-	Eje "MM" EDM E4 -J-	Arbre "MM" EDM E4 -J-
7	-	-	1	-	P1.067.063	Albero "MM" EDM E4 ec.5.5 -Y-	Shaft "MM" EDM E4 ec.5.5 -Y-	Welle "MM" EDM E4 ec.5.5 -Y-	Eje "MM" EDM E4 ec.5.5 -Y-	Arbre "MM" EDM E4 ec.5.5 -Y-
8	-	-	-	1	P1.067.064	Albero "MM" EDM E4 ec.6.25 -K-	Shaft "MM" EDM E4 ec.6.25 -K-	Welle "MM" EDM E4 ec.6.25 -K-	Eje "MM" EDM E4 ec.6.25 -K-	Arbre "MM" EDM E4 ec.6.25 -K-
9	3	3	3	3	P1.071.019	Pistone ø15 x ø10 h42-MM	Piston ø15 x ø10 h42-MM	Kolben ø15 x ø10 h42-MM	Pistón ø15 x ø10 h42-MM	Piston ø15 x ø10 h42-MM
10	1	1	1	1	P2.012.001	Coperchio MMD	Cover MMD	Deckel MMD	Tapa MMD	Couvercle MMD
11	1	1	1	1	P2.013.021	Tappo 1/2" GAS	Cap 1/2" GAS	Deckel 1/2" GAS	Tapón 1/2" GAS	Bouchon 1/2" GAS
12	1	1	1	1	P2.013.022	Tappo 3/8" GAS	Cap 3/8" GAS	Deckel 3/8" GAS	Tapón 3/8" GAS	Bouchon 3/8" GAS
13	1	1	1	1	P2.013.037	Tappo MMD GM XM	Cap MMD GM XM	Deckel MMD GM XM	Tapón MMD GM XM	Bouchon MMD GM XM
14	1	1	1	1	P2.035.040	Testata pompa MMD EDM ø15	Pump head MMD EDM ø15	Pumpekopf MMD EDM ø15	Cabeza bomba MMD EDM ø15	Tete de pompe MMD EDM ø15
15	1	1	1	1	P2.060.010	Flangia chiusa MM EDM	Flange closed MM EDM	Flansch geschlossen MM EDM	Brida cerrada MM EDM	Bride fermée MM EDM
16	1	1	1	1	P2.060.011	Flangia E4 SAE J609A MM-EDM	Flange E4 SAE J609A MM-EDM	Flansch E4 SAE J609A MM-EDM	Borde E4 SAE J609A MM-EDM	Bride E4 SAE J609A MM-EDM
17	4	4	4	4	P2.119.002	Vite M8X22	Screw M8X22	Schrauben M8X22	Tornillo M8X22	Vis M8X22
18	3	3	3	3	P2.119.003	Vite M6X50	Screw M6X50	Schrauben M6X50	Tornillo M6X50	Vis M6X50
19	8	8	8	8	P2.119.007	Vite M8X70	Screw M8X70	Schrauben M8X70	Tornillo M8X70	Vis M8X70
20	4	4	4	4	P2.119.010	Vite TCEI M8x30	Screw TCEI M8x30	Schrauben TCEI M8x30	Tornillo TCEI M8x30	Vis TCEI M8x30
21	3	3	3	3	P2.150.006	Biella MMD	Connecting rod MMD	Plenelstange MMD	Biela MMD	Bielle MMD
22	4	4	4	4	P4.002.004	Vite M6x16 UNI5931	Screw M6x16 UNI5931	Schrauben M6x16 UNI5931	Tornillo M6x16 UNI5931	Vis M6x16 UNI5931
23	6	6	6	6	P4.002.016	Vite M8x35 UNI5931-67	Screw M8x35 UNI5931-67	Schrauben M8x35 UNI5931-67	Tornillo M8x35 UNI5931-67	Vis M8x35 UNI5931-67
24	1	1	1	1	P4.005.005	OR 2237	O-ring 2237	O-Ring 2237	OR 2237	Joint torique 2237
25	3	3	3	3	P4.015.002	Anello 16x24x5 NBR	Ring 16x24x5 NBR	Ring 16x24x5 NBR	Anillo 16x24x5 NBR	Bague 16x24x5 NBR
26	1	1	1	1	P4.016.010	Cuscinetto SKF4305 ATN9 25x62x24	Bearing SKF4305 ATN9 25x62x24	Kugellager SKF4305 ATN9 25x62x24	Rodamiento SKF4305 ATN9 25x62x24	Roulement SKF4305 ATN9 25x62x24
27	1	1	1	1	P4.025.001	Seeger A25	Seeger A25	Seeger A25	Seeger A25	Seeger A25



Spare parts

Ricambi



Code	Q.ta	ITALIANO	ENGLISH	DEUTSCH	ESPAÑOL	FRANCAIS
P2.003.016	6	Valvola MM-EDM	Valve MM-EDM	Ventil MM-EDM	Válvula MM-EDM	Valve MM-EDM
P4.005.001	6	OR 3068 NBR	O-ring 3068 NBR	O-Ring 3068 NBR	OR 3068 NBR	Joint torique 3068 NBR
P4.005.002	6	OR 2.62x20.29	O-ring 2.62x20.29	O-Ring 2.62x20.29	OR 2.62x20.29	Joint torique 2.62x20.29

P9.001.016

KIT VALVOLA COMPLETA POMPA MMD EDM - **KIT VALVES**



Code	Q.Ty	ITALIANO	ENGLISH	DEUTSCH	ESPAÑOL	FRANCAIS
P4.100.030	3	Tenuta pistone anteriore ø15Xø24X8.5	Front piston seal ø15Xø24X8.5	Front Kolbendichtung ø15Xø24X8.5	Junta del pistón delantero ø15Xø24X8.5	Joint de piston avant ø15Xø24X8.5
P4.005.029	3	Guarnizione OR 2118 NBR-1.78x29.87	Gasket OR 2118 NBR- 1.78x29.87	Dichtung OR 2118 NBR-1.78x29.87	Guarnición OR 2118 NBR-1.78x29.87	Garniture OR 2118 NBR- 1.78x29.87
P4.100.031	3	Tenuta pistone posteriore ø15Xø22X5.7	Piston seal back ø15Xø22X5.7	Kolbendichtung zurück ø15Xø22X5.7	Piston sellado posterior ø15Xø22X5.7	Piston joint arrière ø15Xø22X5.7
4.005.34.001	3	OR 16X2	O-ring 16X2	O-Ring 16X2	OR 16X2	Joint torique 16X2

P9.003.049

KIT GUARNIZIONE PISTONE ø15 POMPA MMD - EDM - **KIT PLUNGER SEALS**



Code	Q.Ty	ITALIANO	ENGLISH	DEUTSCH	ESPAÑOL	FRANCAIS
P1.024.037	1	Diffusore ø15 MM EDM	Diffusor ø15 MM EDM	Diffusor ø15 MM EDM	Difusor ø15 MM EDM	Diffuseur ø15 MM EDM
P4.100.030	1	Tenuta pistone anteriore ø15Xø24X8.5	Front piston seal ø15Xø24X8.5	Front Kolbendichtung ø15Xø24X8.5	Junta del pistón delantero ø15Xø24X8.5	Joint de piston avant ø15Xø24X8.5
P2.118.026	1	Pressore ø15	Pressure Ring ø15	Bague de pression ø15	Anillo de presión ø15	Bague de pression ø15
4.005.34.001	1	OR 16X2	O-ring 16X2	O-Ring 16X2	OR 16X2	Joint torique 16X2

P9.003.048

KIT GUARNIZIONE PISTONE ø15 POMPA MMD - EDM PACCO COMPLETO - **KIT COMPLETE SEALS**



Code	Q.Ty	ITALIANO	ENGLISH	DEUTSCH	ESPAÑOL	FRANCAIS
P1.003.003	1	Rondella Rame ø23.5 ø9.6X0.5	Copper washer ø23.5 ø9.6X0.5	Kupferunterlegsscheibe ø23.5 ø9.6X0.5	Arandela de cobre ø23.5 ø9.6X0.5	Rondelle cuivre ø23.5 ø9.6X0.5
P1.071.019	1	Pistone ø15 x ø10 h42- MM	Piston ø15 x ø10 h42- MM	Kolben ø15 x ø10 h42- MM	Pistón ø15 x ø10 h42- MM	Piston ø15 x ø10 h42- MM
P4.002.015	1	Vite M6x50 stainless steel	Screw M6x50 stainless steel	Schrauben M6x50 stainless steel	Tornillo M6x50 stainless steel	Vis M6x50 stainless steel

P9.004.020

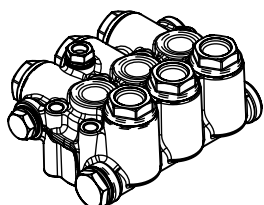
KIT PISTONE ø15 POMPA MMD - EDM - **KIT CERAMIC PISTON**



Code	Q.Ty	ITALIANO	ENGLISH	DEUTSCH	ESPAÑOL	FRANCAIS
P4.015.002	3	Anello 16x24x5 NBR	Ring 16x24x5 NBR	Ring 16x24x5 NBR	Anillo 16x24x5 NBR	Bague 16x24x5 NBR

P9.039.001

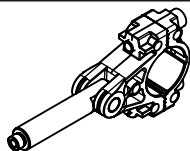
ANELLI TENUTA OLIO ASTA POMPA MM-PM - **KIT OIL SEALS**



Code	Q.Ty	ITALIANO	ENGLISH	DEUTSCH	ESPAÑOL	FRANCAIS
P2.035.040	1	Testata pompa MMD EDM ø15	Pump head MMD EDM ø15	Pumpekopf MMD EDM ø15	Cabeza bomba MMD EDM ø15	Tete de pompe MMD EDM ø15
P4.043.001	1	Protezione ø20	Protection ø20	Scuhtz ø20	Protección ø20	Protection ø20
P4.043.002	1	Protezione 15.5	Protection 15.5	Scuhtz 15.5	Protección 15.5	Protection 15.5
P2.013.021	1	Tappo 1/2" GAS	Cap 1/2" GAS	Deckel 1/2" GAS	Tapón 1/2" GAS	Bouchon 1/2" GAS
P2.013.022	1	Tappo 3/8" GAS	Cap 3/8" GAS	Deckel 3/8" GAS	Tapón 3/8" GAS	Bouchon 3/8" GAS

P9.040.033

KIT TESTATA COMPLETA PISTONE ø15 POMPA MMD - EDM - **COMPLETE HEAD OF THE PUMP**



Code	Q.Ty	ITALIANO	ENGLISH	DEUTSCH	ESPAÑOL	FRANCAIS
P2.150.006	1	Biella MMD	Connecting rod MMD	Plenelstange MMD	Biela MMD	Bielle MMD
P4.002.016	2	Vite M8x35 UNI5931-67	Screw M8x35 UNI5931- 67	Schrauben M8x35 UNI5931-67	Tornillo M8x35 UNI5931- 67	Vis M8x35 UNI5931-67

P9.041.004

BIELLA -ASTA POMPA MMD - **PREASSEMBLED CONNECTING ROD**

Pump head MMD EDM ø15

Testata pompa MMD EDM ø15



Use LOCTITE 270.
**TIGHTENING TORQUE
40Nm.**

*Spare parts
P9.003.049*

*Spare parts
P9.001.005*

**TIGHTENING
TORQUE 25Nm**

*Spare parts
P9.003.048*

*Spare parts
P9.001.005*

Use LOCTITE 270.
**TIGHTENING TORQUE
40Nm.**

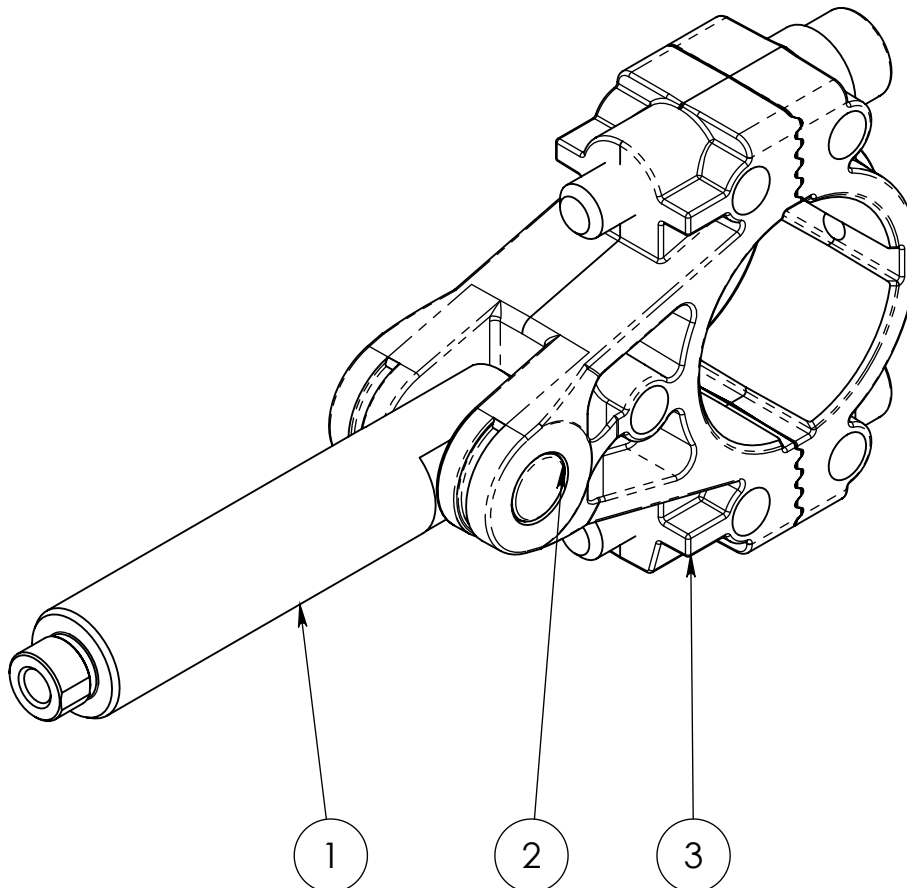
P2.035.040.D

Spare parts P9.040.033

Pos.	Q.Ty	Code	ITALIANO	ENGLISH	DEUTSCH	ESPAÑOL	FRANCAIS
1	1	P1.012.002	Tappo 1/4"Gas	Cap 1/4"Gas	Deckel 1/4"Gas	Tapón 1/4"Gas	Bouchon 1/4"Gas
2	3	P1.024.037	Diffusore ø15 MM EDM	Diffusor ø15 MM EDM	Diffusor ø15 MM EDM	Difusor ø15 MM EDM	Diffuseur ø15 MM EDM
3	3	P1.024.048	Diffusore sz.U ø15	Diffusor sz.U ø15	Diffusor sz.U ø15	Difusor sz.U ø15	Diffuseur sz.U ø15
4	1	P1.043.026	Testata pompa MM EDM	Pump head MM EDM	Pumpekopf MM EDM	Cabeza bomba MM EDM	Tete de pompe MM EDM
5	6	P2.003.016	Valvola MM-EDM	Valve MM-EDM	Ventil MM-EDM	Válvula MM-EDM	Valve MM-EDM
6	6	P2.013.007	Tappo V.A.M. +OR	Cap V.A.M. +OR	Deckel V.A.M. +OR	Tapón V.A.M. +OR	Bouchon V.A.M. +OR
7	3	P2.118.026	Pressore ø15	Pressure Ring ø15	Bague de pression ø15	Anillo de presión ø15	Bague de pression ø15
8	6	P4.005.001	OR 3068 NBR	O-ring 3068 NBR	O-Ring 3068 NBR	OR 3068 NBR	Joint torique 3068 NBR
6.2	1	P4.005.029	Guarnizione OR 2118 NBR-1.78x29.87	Gasket OR 2118 NBR-1.78x29.87	Dichtung OR 2118 NBR-1.78x29.87	Guarnición OR 2118 NBR-1.78x29.87	Garniture OR 2118 NBR-1.78x29.87
9	1	P4.008.007	Rondella Rame 1/4 Ø13x19x1.5	Copper washer 1/4 Ø13x19x1.5	Kupferunterlegsscheibe 1/4 Ø13x19x1.5	Arandela de cobre 1/4 Ø13x19x1.5	Rondelle cuivre 1/4 Ø13x19x1.5
10	3	P4.100.030	Tenuta pistone anteriore ø15Xø24X8.5	Front piston seal ø15Xø24X8.5	Front Kolbendichtung ø15Xø24X8.5	Junta del pistón delantero ø15Xø24X8.5	Joint de piston avant ø15Xø24X8.5
6.1	1	P4.100.031	Tenuta pistone ø15Xø22X5.7	Piston seal ø15Xø22X5.7	Kolbendichtung ø15Xø22X5.7	Junta del pistón ø15Xø22X5.7	Joint de piston ø15Xø22X5.7

Connecting rod MMD

Biella MMD



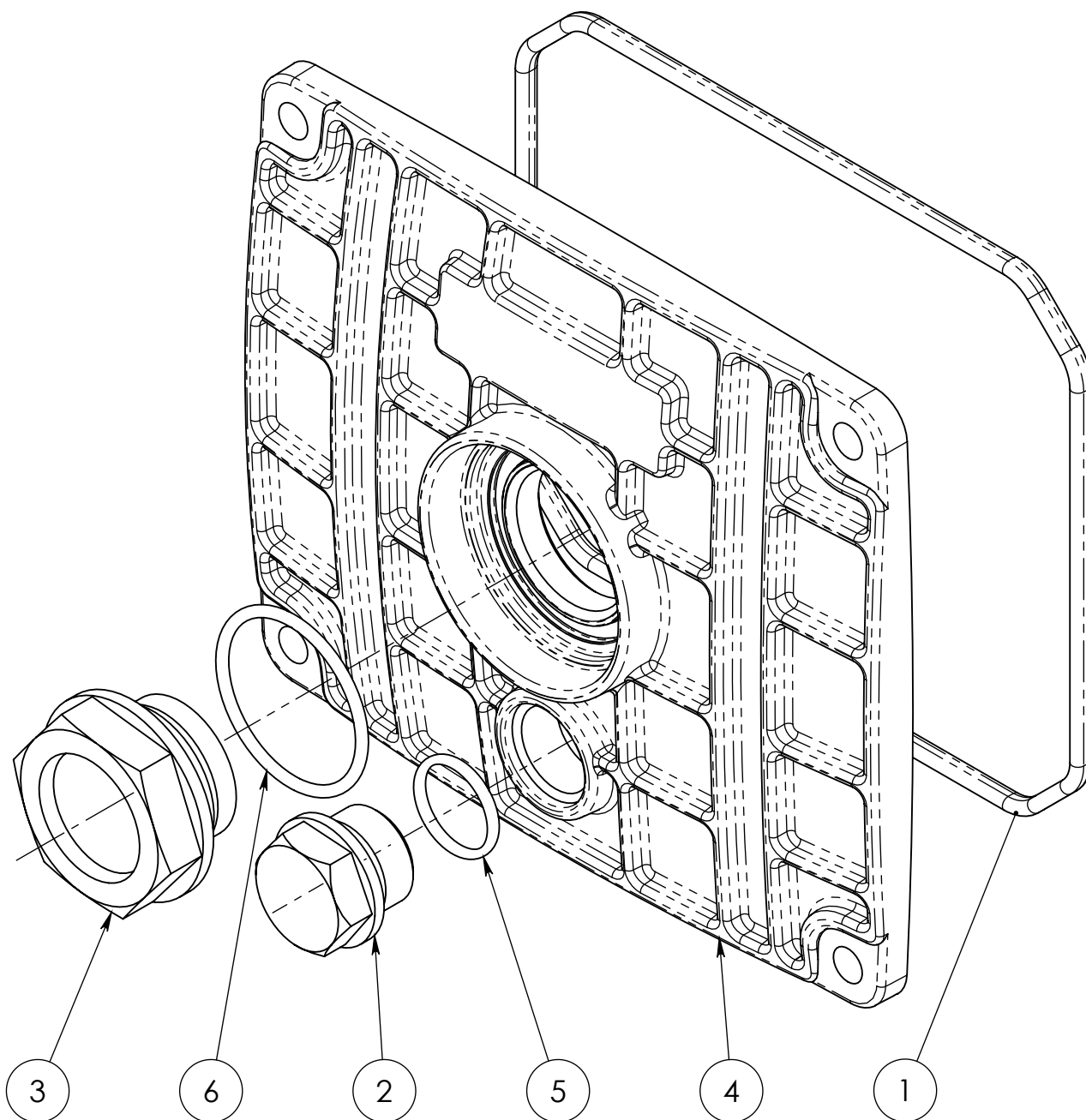
P2.150.006.B

Spare parts P9.041.004

Pos.	Q.ty	Code	ITALIANO	ENGLISH	DEUTSCH	ESPAÑOL	FRANCAIS
1	1	P1.010.008	Asta MMD	Pole MMD	Pfosten MMD	Asta MMD	Tige MMD
2	1	P1.013.004	Spina cilindrica ø10x30	Cylindrical pin ø10x30	Zylinder Stift ø10x30	Pasador cilindrico ø10x30	Goupille cylindrique ø10x30
3	1	P1.099.008	Biella MMD	Connecting rod MMD	Plenelstange MMD	Biela MMD	Bielle MMD

Cover MMD

Coperchio MMD



P2.012.001.G

Pos.	Q.Ty	Code	ITALIANO	ENGLISH	DEUTSCH	ESPANOL	FRANCAIS
1	1	P1.006.005	Guarnizione coperchio MMD	Lid gasket MMD	Deckeldichtung MMD	Junta de tapa MMD	Joint de couvercle MMD
2	1	P1.012.003	Tappo G 3/8" H18	Cap G 3/8" H18	Deckel G 3/8" H18	Tapón G 3/8" H18	Bouchon G 3/8" H18
3	1	P1.012.015	Tappo G3/4	Cap G3/4	Deckel G3/4	Tapón G3/4	Bouchon G3/4
4	1	P1.054.001	Coperchio "MM"	Cover "MM"	Deckel "MM"	Tapa "MM"	Couvercle "MM"
5	1	P4.005.007	Guarnizione OR 2056 14x1.78NBR 70Sh	Gasket OR 2056 14x1.78NBR 70Sh	Dichtung OR 2056 14x1.78NBR 70Sh	Guarnición OR 2056 14x1.78NBR 70Sh	Garniture OR 2056 14x1.78NBR 70Sh
6	1	P4.005.030	OR ORM0285-20 (NBR)	O-ring ORM0285-20 (NBR)	O-Ring ORM0285-20 (NBR)	OR ORM0285-20 (NBR)	Joint torique ORM0285-20 (NBR)