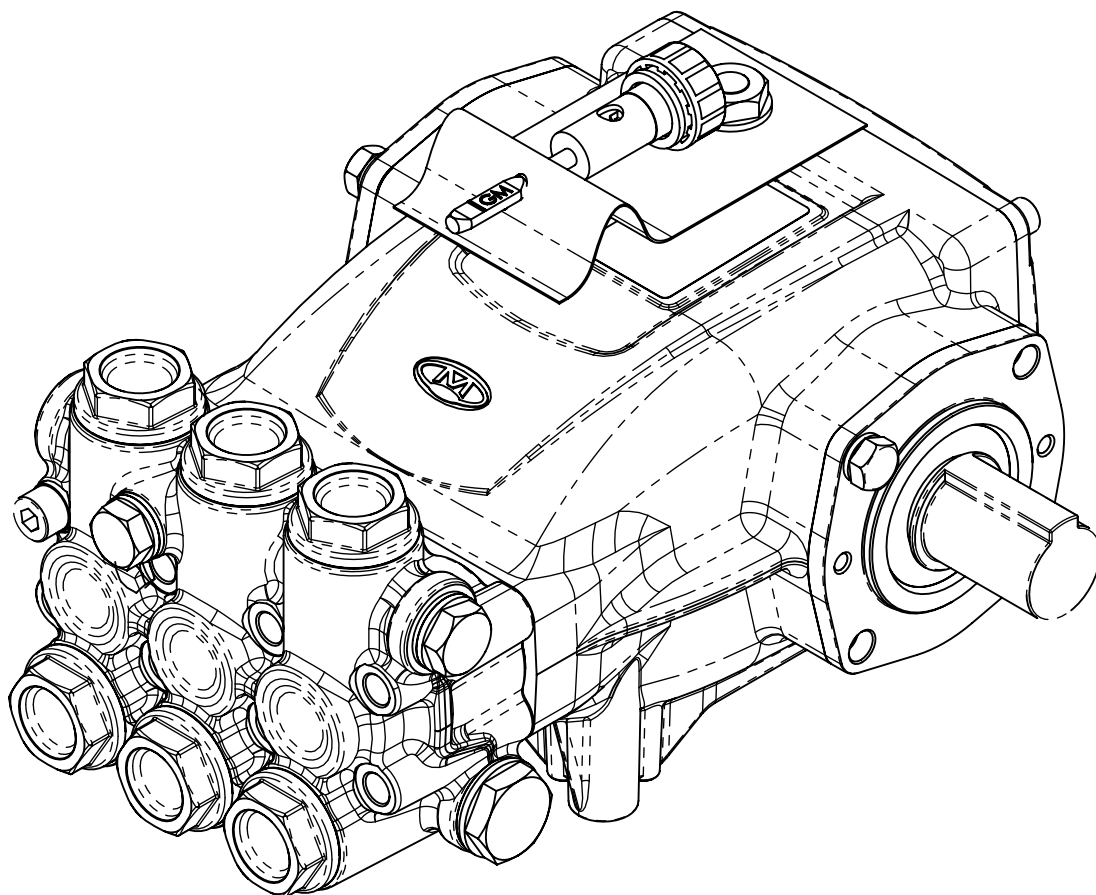


MMD



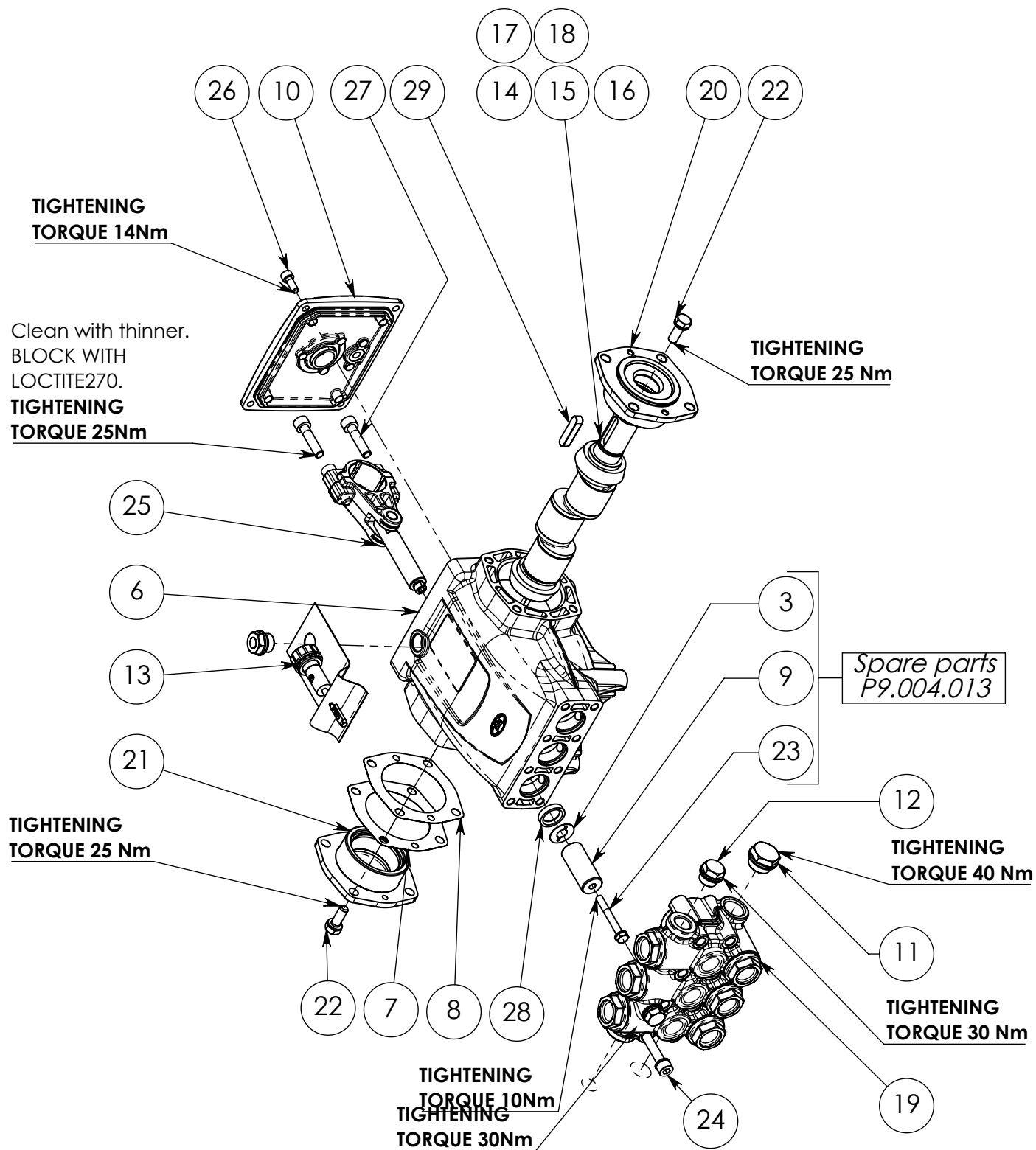
General table

Model	Pressure (Bar)	Pressure (Psi)	Flow Rate 1450 rpm (Lit/min)	Flow Rate 1740 rpm (Lit/min)	Flow Rate 1450 rpm (gpm)	Flow Rate 1740 rpm (gpm)	Round 50Hz (RPM)	Round 60Hz (RPM)	Power 50Hz (Hp)	Power 50Hz (Kw)	Power 60Hz (Hp)	Power 60Hz (Kw)
MMD12250 (R-L)	250	3625	12.00	14.40	3.17	3.80	1450	1740	7.79	5.82	9.35	6.98
MMD15250 (R-L)	250	3625	15.00	18.00	3.96	4.75	1450	1740	9.74	7.27	11.69	8.72
MMD18250 (R-L)	250	3625	18.00	21.60	4.75	5.70	1450	1740	1.69	8.72	14.03	10.47
MMD21250 (R-L)	250	3625	21.00	25.20	5.55	6.65	1450	1740	13.64	10.18	16.36	12.21

Model	Pressure (Bar)	Pressure (Psi)	Flow Rate 1000 rpm (Lit/min)	Flow Rate 1200 rpm (Lit/min)	Flow Rate 1000 rpm (gpm)	Flow Rate 1200 rpm (gpm)	Round 50Hz (RPM)	Round 60Hz (RPM)	Power 50Hz (Hp)	Power 50Hz (Kw)	Power 60Hz (Hp)	Power 60Hz (Kw)
MMD15250 (R-L)	250	3625	15.00	18.00	3.96	4.75	1000	1200	9.74	7.27	11.69	8.72

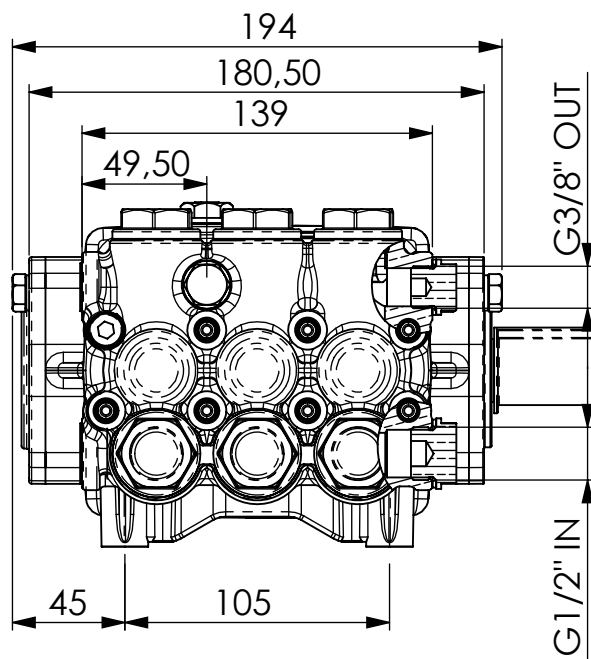
Exploded MMD

Espoloso MMD

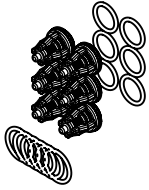




Pos.	MMD 12250 (R-L) Q.TY	MMD 15250 (R-L) Q.TY	MMD 18250 (R-L) Q.TY	MMD 21250 (R-L) Q.TY	MMD 15250 (R-L) 1000rpm Q.TY	Code	ITALIANO	ENGLISH	DEUTSCH	ESPAÑOL	FRANCAIS
2	1	1	1	1	1	P0.020.003	Olio o Lubrificante HYDRAULIC 0.7 LIT	Oil or Lubricants HYDRAULIC 0.7 LIT	Öl oder Schmierstoffe HYDRAULIC 0.7 LIT	Aceite o lubricante HYDRAULIC 0.7 LIT	ÖlHuile ou lubrifiant HYDRAULIC 0.7 LIT
3	3	3	3	3	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
6	1	1	1	1	1	P1.020.006	Corpo Pompa MM-2	Pump Body MM-2	Pumpenkörper MM-2	Cuerpo de la bomba MM-2	Corps de pompe MM-2
7	1	1	1	1	1	P1.060.007	Distanziale MM-2" Sp.0.19	Spacer MM-2" Sp.0.19	Distanzstueck MM-2" Sp.0.19	Distanciador MM-2" Sp.0.19	Entretoise MM-2" Sp.0.19
8	1	1	1	1	1	P1.060.008	Distanziale "MM-2" Sp.0.05	Spacer "MM-2" Sp.0.05	Distanzstueck "MM-2" Sp.0.05	Distanciador "MM-2" Sp.0.05	Entretoise "MM-2" Sp.0.05
9	3	3	3	3	3	P1.071.013	Pistone ø20 h46-MM-2	Piston ø20 h46-MM-2	Kolben ø20 h46-MM-2	Pistón ø20 h46-MM-2	Piston ø20 h46-MM-2
10	1	1	1	1	1	P2.012.001	Coperchio MMD	Cover MMD	Deckel MMD	Tapa MMD	Couvercle MMD
11	1	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	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	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	-	P2.014.011	Albero -E-MM-2	Shaft -E-MM-2	Welle -E-MM-2	Eje -E-MM-2	Arbre -E-MM-2
15	-	1	-	-	-	P2.014.012	Albero -A-MM-2	Shaft -A-MM-2	Welle -A-MM-2	Eje -A-MM-2	Arbre -A-MM-2
16	1	-	-	-	-	P2.014.013	Albero -B-MM-2	Shaft -B-MM-2	Welle -B-MM-2	Eje -B-MM-2	Arbre -B-MM-2
17	-	-	1	-	-	P2.014.014	Albero -C-MM-2	Shaft -C-MM-2	Welle -C-MM-2	Eje -C-MM-2	Arbre-C-MM-2
18	-	-	-	-	1	P2.014.015	Albero -D-MM-2	Shaft -D-MM-2	Welle -D-MM-2	Eje -D-MM-2	Arbre -D-MM-2
19	1	1	1	1	1	P2.035.011	Testata pompa MMD	Pump head MMD	Pumpekopf MMD	Cabeza bomba MMD	Tete de pompe MMD
20	1	1	1	1	1	P2.060.005	Flangia P.d.F. MMD	Flange P.T.O. MMD	Flansch PTO MMD	Brida toma de fuerza MMD	Bride prise de force MMD
21	1	1	1	1	1	P2.060.006	Flangia MMD	Flange MMD	Flansch MMD	Borde MMD	Bride MMD
22	8	8	8	8	8	P2.119.002	Vite M8X22	Screw M8X22	Schrauben M8X22	Tornillo M8X22	Vis M8X22
23	3	3	3	3	3	P2.119.003	Vite M6X50	Screw M6X50	Schrauben M6X50	Tornillo M6X50	Vis M6X50
24	8	8	8	8	8	P2.119.007	Vite M8X70	Screw M8X70	Schrauben M8X70	Tornillo M8X70	Vis M8X70
25	3	3	3	3	3	P2.150.006	Biella MMD	Connecting rod MMD	Plenelstange MMD	Biela MMD	Bielle MMD
26	4	4	4	4	4	P4.002.004	Vite M6x16 UNI5931	Screw M6x16 UNI5931	Schrauben M6x16 UNI5931	Tornillo M6x16 UNI5931	Vis M6x16 UNI5931
27	6	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
28	3	3	3	3	3	P4.015.002	Anello 16x24x5 NBR	Ring 16x24x5 NBR	Ring 16x24x5 NBR	Anillo 16x24x5 NBR	Bague 16x24x5 NBR
29	1	1	1	1	1	P4.021.001	Chiavetta 8x7x35	Key 8x7x35	Keil 8x7x35	Chaveta 8x7x35	Clavette 8x7x35



Spare Parts Ricambi



Code	Q.ty	ITALIANO	ENGLISH	DEUTSCH	ESPAÑOL	FRANCAIS
P2.003.006	6	Valvola VAM 21L/min ø21 MM-1	Valve VAM 21L/min ø21 MM-1	Ventil VAM 21L/min ø21 MM-1	Válvula VAM 21L/min ø21 MM-1	Valve VAM 21L/min ø21 MM-1
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

P9.001.005
KIT VALVOLA COMPLETA POMPA MMD - KIT VALVES FOR MM PUMP



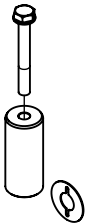
Code	Q.ty	ITALIANO	ENGLISH	DEUTSCH	ESPAÑOL	FRANCAIS
P4.005.029	3	Guarnizione OR 2118 NBR-1.78x29.87	Gasket OR 2118 NBR- 1.78x29.87	Dichtung OR 2118 NBR- 1.78x29.87	Guarnición OR 2118 NBR-1.78x29.87	Garniture OR 2118 NBR- 1.78x29.87
P4.100.001	3	Tenuta pistone anteriore ø20xø30x9	Front piston seal ø20xø30x9	Front Kolbendichtung ø20xø30x9	Junta del pistón delantero ø20xø30x9	Joint de piston avant ø20xø30x9
P4.100.002	3	Tenuta pistone posteriore ø20xø28x8	Piston seal back ø20xø28x8	Kolbendichtung zurück ø20xø28x8	Piston sellado posterior ø20xø28x8	Piston joint arrière ø20xø28x8

P9.003.025
GUARNIZIONE PISTONE ø20 POMPA MMD - KIT PLUNGER SEALS ø20 FOR MM PUMP



Code	Q.ty	ITALIANO	ENGLISH	DEUTSCH	ESPAÑOL	FRANCAIS
P1.024.017	1	Diffusore MM-2	Diffusor MM-2	Diffusor MM-2	Difusor MM-2	Diffuseur MM-2
P2.118.003	1	Pressore MM-2	Pressure Ring MM-2	Bague de pression MM-2	Anillo de presión MM-2	Bague de pression MM-2
P4.100.001	1	Tenuta pistone anteriore ø20xø30x9	Front piston seal ø20xø30x9	Front Kolbendichtung ø20xø30x9	Junta del pistón delantero ø20xø30x9	Joint de piston avant ø20xø30x9

P9.003.026
GUARNIZIONE PISTONE ø20 POMPA MMD PACCO COMPLETO - KIT COMPLETE SEALS



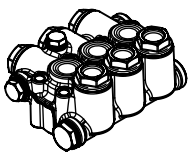
Code	Q.ty	ITALIANO	ENGLISH	DEUTSCH	ESPAÑOL	FRANCAIS
P1.003.003	1	Rondella Rame ø23.5 ø9.6X0.5	Copper washer ø23.5 ø9.6X0.5	Kupferunterlegsscheibe ø23.5 ø9.6X0.5	Arandela de cobre ø23.5 ø9.6X0.5	Rondelle cuivre ø23.5 ø9.6X0.5
P1.071.013	1	Pistone ø20 h46-MM-2	Piston ø20 h46-MM-2	Kolben ø20 h46-MM-2	Pistón ø20 h46-MM-2	Piston ø20 h46-MM-2
P2.119.003	1	Vite M6X50	Screw M6X50	Schrauben M6X50	Tornillo M6X50	Vis M6X50

P9.004.013
KIT PISTONE ø20 POMPA MMD - 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
P2.013.022	1	Tappo 3/8" GAS	Cap 3/8" GAS	Deckel 3/8" GAS	Tapón 3/8" GAS	Bouchon 3/8" GAS
P2.013.021	1	Tappo 1/2" GAS	Cap 1/2" GAS	Deckel 1/2" GAS	Tapón 1/2" GAS	Bouchon 1/2" GAS
P2.035.011	1	Testata pompa MMD	Pump head MMD	Pumpekopf MMD	Cabeza bomba MMD	Tete de pompe MMD
P4.043.001	1	Protezione ø20	Protection ø20	Schutz ø20	Protección ø20	Protection ø20
P4.043.002	1	Protezione 15.5	Protection 15.5	Schutz 15.5	Protección 15.5	Protection 15.5

P9.040.017
KIT TESTATA COMPLETA PISTONE ø20 POMPA MMD - COMPLETE HEAD OF THE PUMP

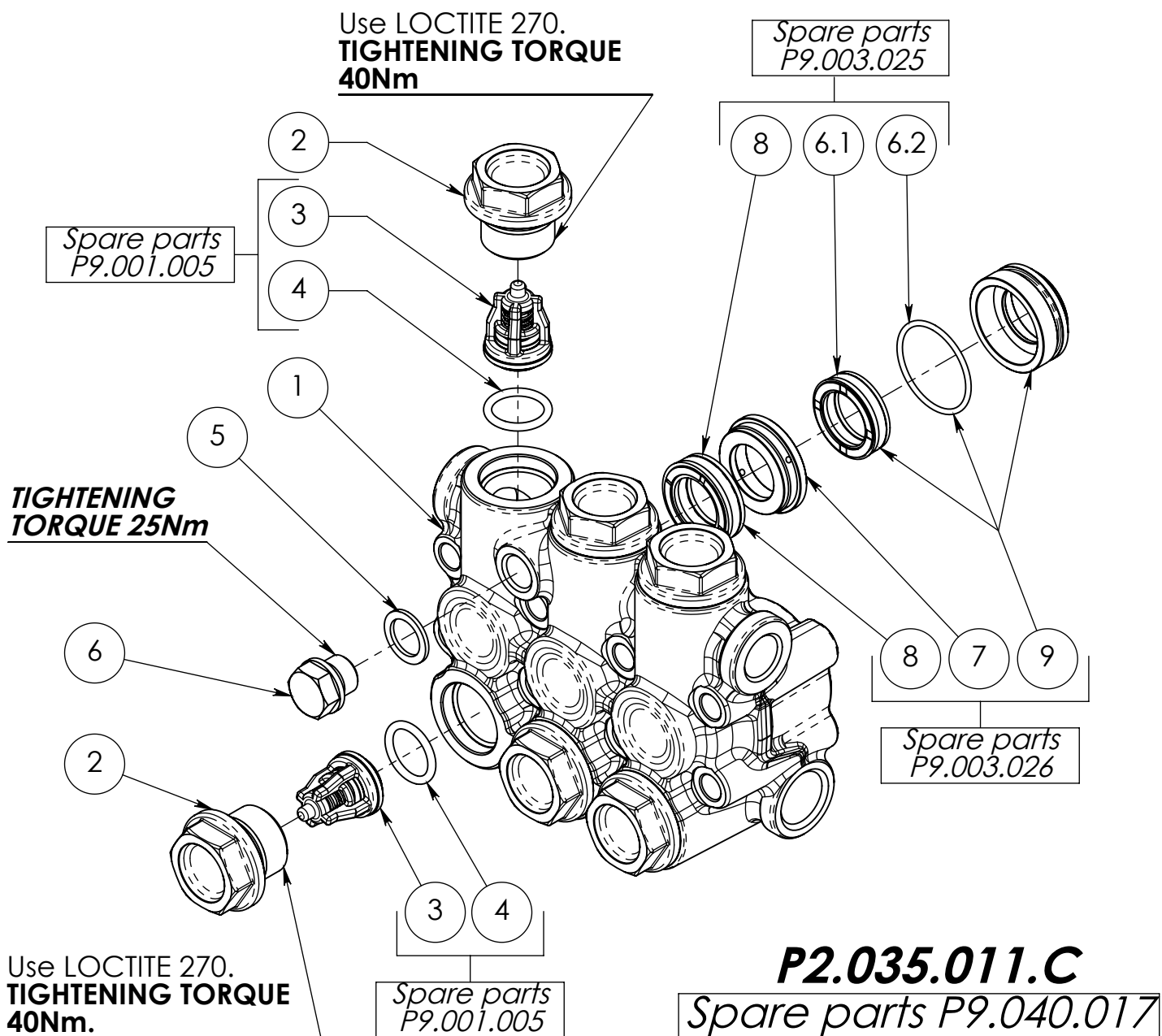


Code	Q.ty	ITALIANO	ENGLISH	DEUTSCH	ESPAÑOL	FRANCAIS
P2.150.006	1	Biella MMD	Connecting rod MMD	Penelstange MMD	Biela MMD	Bielle MMD
P4.002.016	2	Vite M8x35 UNI5931-67	Screw M8x35 UNI5931- 67	Schrauben M8x35 UNI5931-67	Tornillo M8x35 UNI5931-67	Vis M8x35 UNI5931-67

P9.041.004
BIELLA -ASTA POMPA MMD - PREASSEMBLED CONNECTING ROD

Pump head MMD

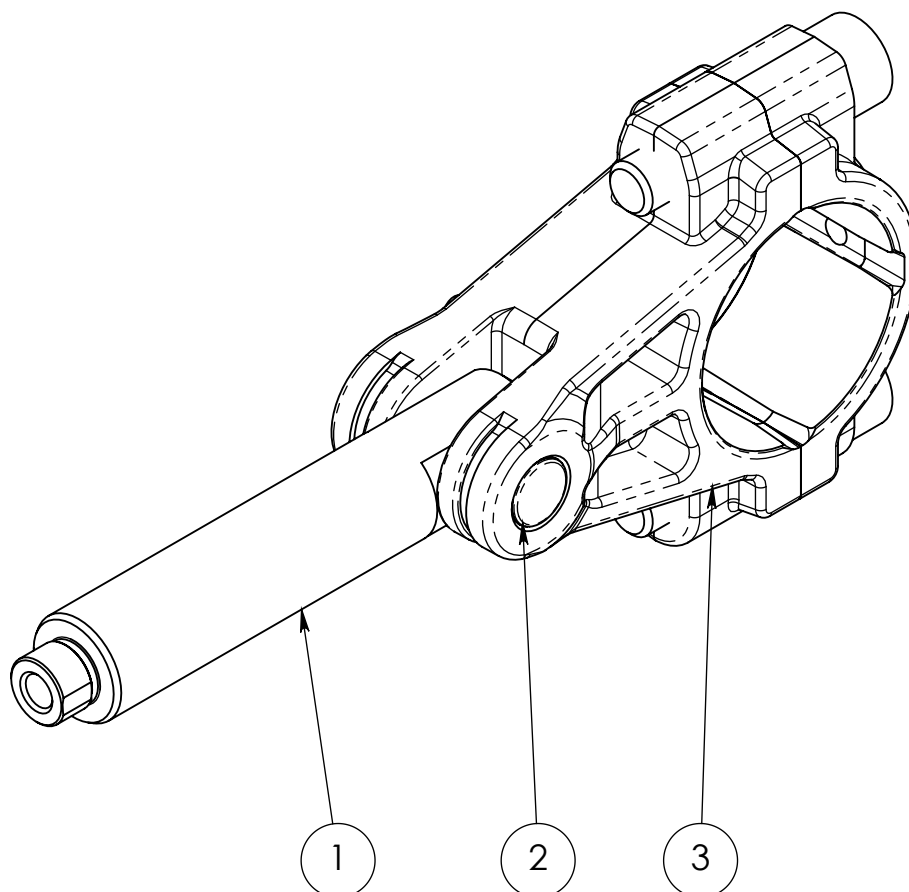
Testata pompa MMD



Pos.	Q.Ty	Code	ITALIANO	ENGLISH	DEUTSCH	ESPAÑOL	FRANCAIS
1	1	P1.043.014	Testata pompa MM-2	Pump head MM-2	Pumpekopf MM-2	Cabeza bomba MM-2	Tete de pompe MM-2
2	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
3	6	P2.003.006	Valvola VAM 21L/min ø21 MM-1	Valve VAM 21L/min ø21 MM-1	Ventil VAM 21L/min ø21 MM-1	Válvula VAM 21L/min ø21 MM-1	Valve VAM 21L/min ø21 MM-1
4	6	P4.005.001	OR 3068 NBR	O-ring 3068 NBR	O-Ring 3068 NBR	OR 3068 NBR	Joint torique 3068 NBR
5	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
6	1	P1.012.002	Tappo 1/4"Gas	Cap 1/4"Gas	Deckel 1/4"Gas	Tapón 1/4"Gas	Bouchon 1/4"Gas
6.1	1	P4.100.002	Tenuta pistone anteriore ø20xø28x8	Front piston seal ø20xø28x8	Front Kolbendichtung ø20xø28x8	Junta del pistón delantero ø20xø28x8	Joint de piston avant ø20xø28x8
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
7	3	P1.024.017	Diffusore MM-2	Diffusor MM-2	Diffusor MM-2	Difusor MM-2	Diffuseur MM-2
8	3	P4.100.001	Tenuta pistone anteriore ø20xø30x9	Front piston seal ø20xø30x9	Front Kolbendichtung ø20xø30x9	Junta del pistón delantero ø20xø30x9	Joint de piston avant ø20xø30x9
9	3	P2.118.003	Pressore MM-2	Pressure Ring MM-2	Bague de pression MM-2	Anillo de presión MM-2	Bague de pression MM-2

Connecting rod MMD

Biella MMD



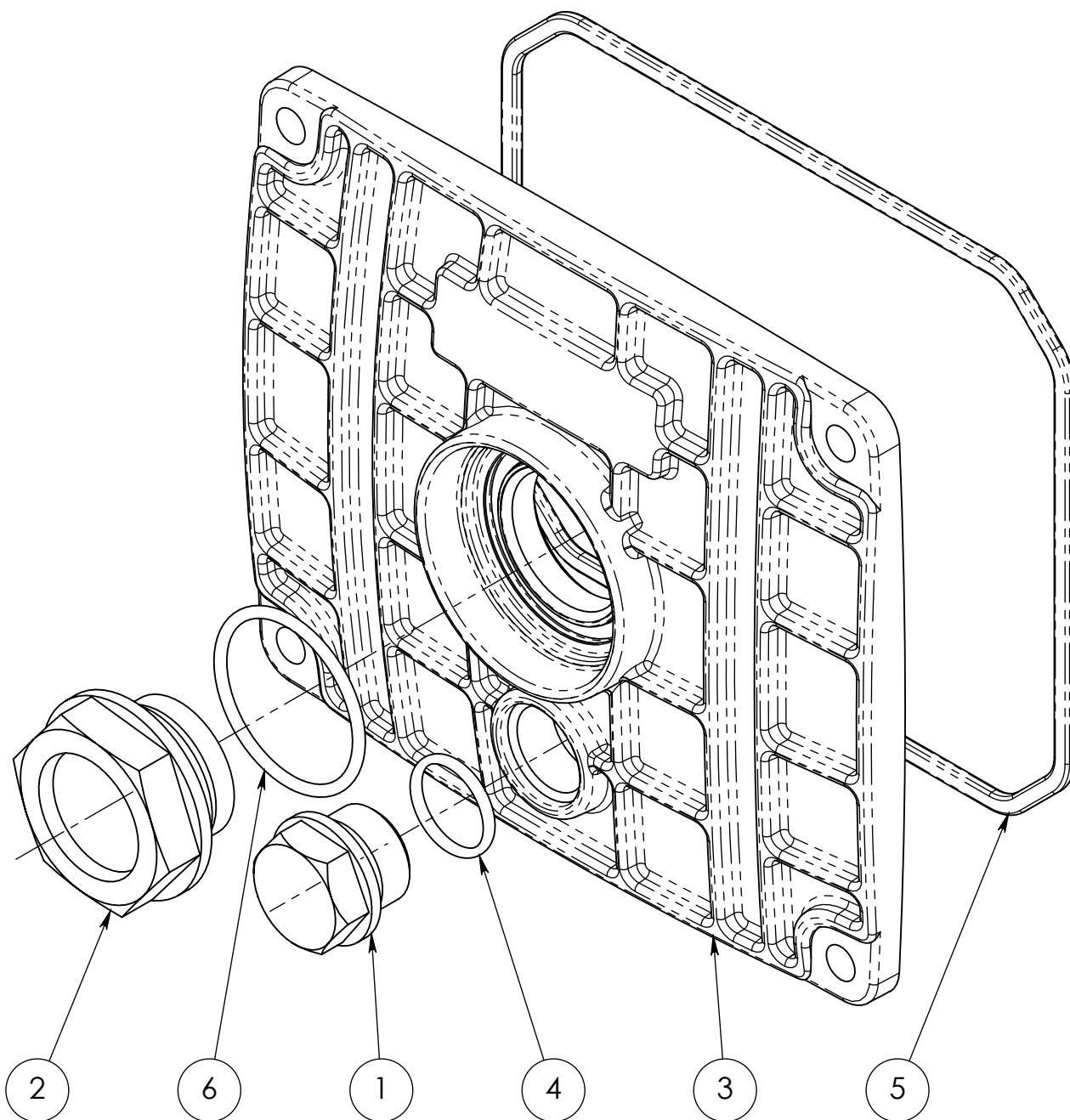
P2.150.006.A

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 cilíndrico ø10x30	Goupille cylindrique ø10x30
3	1	P1.099.006	Biella MMD	Connecting rod MMD	Plenelstange MMD	Biela MMD	Bielle MMD

Cover MMD

Coperchio MMD



P2.012.001.F

Pos.	Q.Ty	Code	ITALIANO	ENGLISH	DEUTSCH	ESPANOL	FRANCAIS
1	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
2	1	P1.012.015	Tappo G3/4	Cap G3/4	Deckel G3/4	Tapón G3/4	Bouchon G3/4
3	1	P1.054.001	Coperchio "MM"	Cover "MM"	Deckel "MM"	Tapa "MM"	Couvercle "MM"
4	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
5	1	P4.005.026	Guarnizione ORM 126X3.0	Gasket ORM 126X3.0	Dichtung ORM 126X3.0	Guarnición ORM 126X3.0	Garniture ORM 126X3.0
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)