

Case drain port D2 and D3 plugged 7/8-14 UNF-2B
 30 Nm

BLACK PAINTED

For operating condition outside those stated, please consult Casappa S.p.A. Technical sales department

Cap.Forn./Rules Suppl.	Trattamento Termico / Heat Treatment	Trattamento Superficiale / Surface Treatment	Prof.(mm) / Depth
-	-	-	-
Quote senza indicazione di tolleranza / Unless otherwise specified tolerances		Materiale / Material	Durezza / Hardness
GRADO DI PRECISIONE ACCURACY LEVEL		-	-
Disegnato/Drawn	Approvato/Approved	Mod.Tecn./ Release change	Progetto/Project
17-08-2021	17-08-2021	-	AD2001
Firma	EspositoL	CarusoD	File
Signature	-	-	650900MW
Descrizione / Description		Scala/Scale	Formato/Size
POMPA MVP 48.45D-04S5-LME/MC-V-RP0-G-AS5/04 (HT)(CN)		3:10	A3
PUMP MVP 48.45D-04S5-LME/MC-V-RP0-G-AS5/04 (HT)(CN)		Codice Grezzo / Master Code	
Codice / Code		Sostituisce / It replaces	
650900MW		-	

Dimensions w/o tol:
 - Both machining ref.: < 400 ± 0.6; ≥ 400 ± 1
 - One or both rough ref.: ± 3
 Dimensions are in mm.

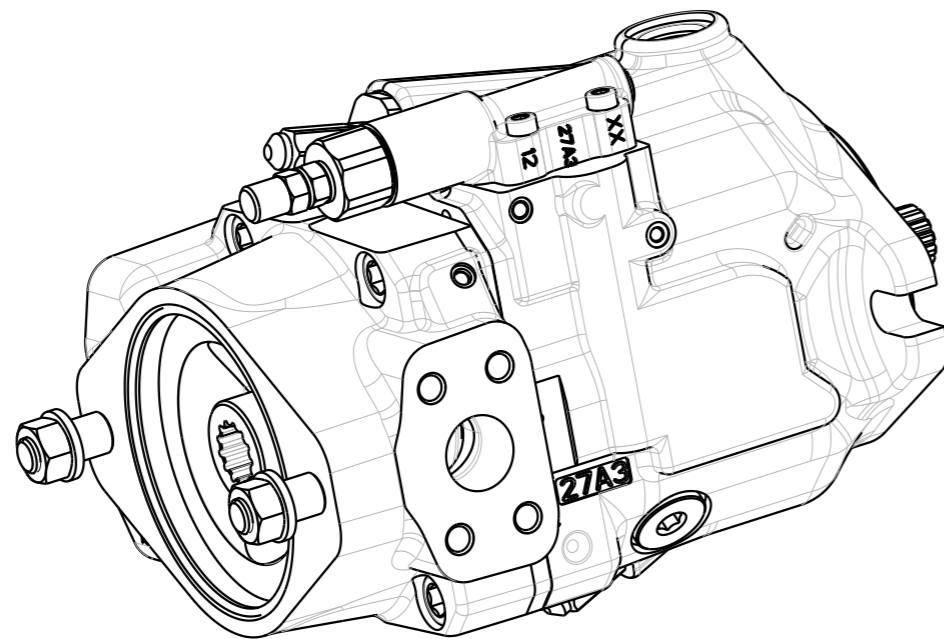
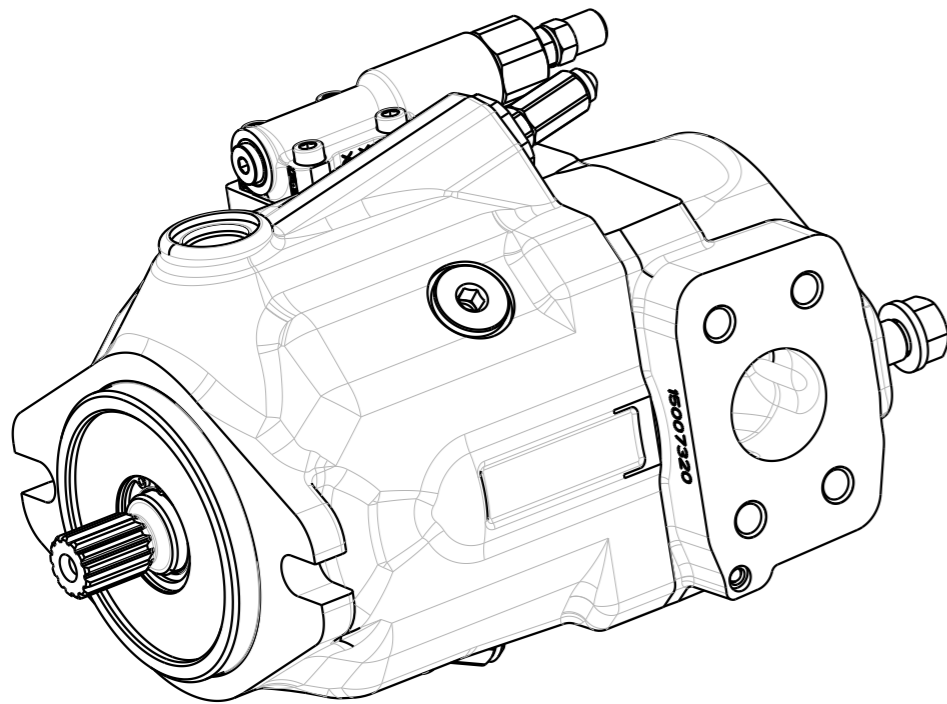
Signature for approval

 Date: _____

Key Characteristics:
 Characteristic of a part which may have an adverse or degrading effect of the function, quality or reliability of that part if an out of tolerance condition occurs.
Caratteristica Chiave:
 Se non rispettata si pregiudica la funzionalità del prodotto.

CASAPPA
 FLUID POWER DESIGN
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Ind. Mod./ Index Rev.
 0



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Independently from the max rated pressure values indicated in the table, the max admissible torque of the output shaft and (when applicable) of connecting hub(s) must be respected. Consequently it could be necessary to limit the max working pressures accordingly.

Indipendentemente dai valori di massima pressione riportati in tabella, devono essere rispettate le coppie massime ammissibili su alberi e/o mozzi di trascinamento. Pertanto potrebbe risultare necessario limitare le pressioni massime di esercizio di conseguenza.

Signature for approval

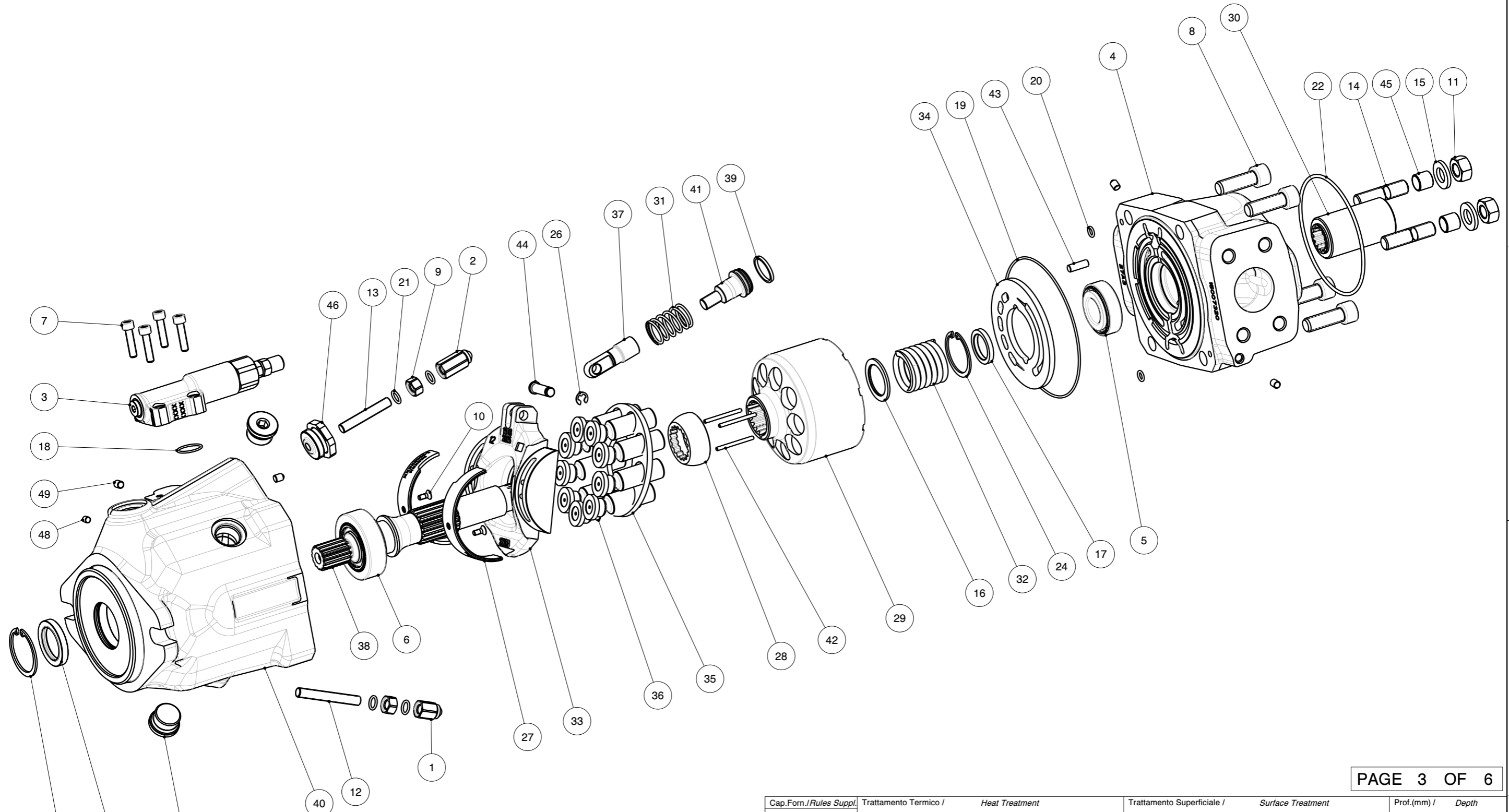
Date: _____


PUMP DATA		VARIABLE PISTONS PUMP
Senso di rotazione (guardando l'albero conduttore) Direction of rotation (looking on drive shaft)		Destro (D) Clockwise (D)
Cilindrata Massima - Maximum Displacement		45 [cm ³ /rev]
Campo pressione di alimentazione per pompe Inlet pressure range for pump		0.8 - 25 [bar abs.]
Pressione max continua - Max continuous pressure	P1	280 [bar]
Pressione max intermittente - Max intermittent pressure	P2	315 [bar]
Pressione max picco - Max peak pressure	P3	350 [bar]
Velocità - Speed	min P1	-
	max P1	3000 [rpm]
Guarnizioni - Seals type		FKM (Viton)
Temperatura di esercizio - Operating temperature	Min. Temp.	-15 [°C] (+ 5°F)
	Max. Temp.	+ 110 [°C] (+ 230°F)
	Peak Temp.	+ 125 [°C] (+ 257°F)
Campo di viscosità - Viscosity range	recommended	from 15 to 35 mm ² /s (cSt)
	permitted	- max 1500 mm ² /s (cSt) (-25°C for short time, suction line short and straight) - min 10 mm ² /s (cSt) (+ 110°C)
Classe di contaminazione - Contamination class	Fluid cleanliness required	7 - Nas 1638, 18/16/13 ISO 4406 Achieved with filter bx = 75, 10 micron
	Fluid cleanliness permitted	9 - Nas 1638, 20/18/15 ISO 4406 Achieved with filter bx = 75, 10 micron
Codice del prototipo - Prototype code		-
Codice cliente - Customer code		-
Tipo di controllo - Control type		Pressure Compensator (RP0)
Valvola di massima pressione - Relief valve		210 [bar]
Peso - Weight		23.578 [kg]
Vernice - Painting		Black painted - VNR01
Trattamenti speciali - Special treatments		-
Nota - Note		Fill the pump with the hydraulic oil before running


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GRADO DI PRECISIONE ACCURACY LEVEL		-	-
Disegnato/Drawn	Approvato/Approved	Mod.Tecn./ Release change	Progetto/Project
17-08-2021	17-08-2021	-	AD2001
Firma Signature	EspositoL	CarusoD	File
			650900MW
		Descrizione / Description	Scala/Scale
		POMPA MVP 48.45D-04S5-LME/MC-V-RP0-G-AS5/04 (HT)(CN)	2:5
		PUMP MVP 48.45D-04S5-LME/MC-V-RP0-G-AS5/04 (HT)(CN)	Formato/Size
			A3
		Codice / Code	Ind. Mod./ Index Rev.
		650900MW	0
		Sostituisce / It replaces	-



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Quote senza indicazione di tolleranza / Unless otherwise specified tolerances	GRADO DI PRECISIONE / ACCURACY LEVEL	Materiale / Material	Durezza / Hardness
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			650900MW
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 CASAPPA® FLUID POWER DESIGN The information hereon is the property of CASAPPA Spa. Without written permission, any copying, trasmittal to others and any use except that for which it's loaned, is prohibited.			3:10
POMPA MVP 48.45D-04S5-LME/MC-V-RP0-G-AS5/04 (HT)(CN) PUMP MVP 48.45D-04S5-LME/MC-V-RP0-G-AS5/04 (HT)(CN)			Formato/Size
Codice / Code			Ind. Mod./ Index Rev.
650900MW			0
Sostituisce / It replaces			

Pos.	Codice Code	Kit	Q.tà Q.ty	Descrizione Description	Indice modifica Index revision
19	39280024		1	ANELLO TOROIDALE PH 2-048 90GRA SH.A V (120,37X1,78) O RING SEAL PH 2-048 90 SH.A V (120,37X1,78)	0
18	37864005		1	ANELLO TOROIDALE ORM 70 SH.A V (19X1.5) O RING SEAL ORM 70 SH.A V (19X1.5)	0
17	37855900		1	ROSETTA SPALLAMENTO ALBERO MVP 48 SHOULDER WASHER SHAFT MVP 48	0
16	37853500		1	ROSETTA SPALLAMENTO BLOCCO CILINDRI LVP 48 SHOULDER WASHER CYLINDER BLOCK LVP 48	2
15	37841000		2	ROSETTA 12 UNI 5714 (13x24x3) BONIFICATA C50 WASHER 12 UNI 5714 (13x24x3) HARDENED C50	0
14	37371010		2	PRIGIONIERO M 12X30 UNI 5911-8.8 STUD BOLT M 12X30 UNI 5911-8.8	0
13	37040030		1	GRANO M 8X50 - 5923 - 14.9 45H SCREW M 8X50 - 5923 - 14.9 45H	0
12	36998001		1	GRANO M 8X60 - 5923 - 14.9 45H SCREW M 8X60 - 5923 - 14.9 45H	0
11	36845000		2	DADO M 12 UNI 5588-A-8G NUT M 12 UNI 5588-A-8G	0
10	36661130		2	VITE M 4X10 UNI 5933 - 10.9 SCREW M4x10 UNI 5933 - 10.9	1
9	36660003		2	DADO M8 LIMITATORE DI CILINDRATA MVP H = 8 MVP H = 8 Displacement limiter M8 nut	1
8	35921470		4	VITE TCEI M 12X35 UNI 5931-12.9 SCREW TCEI M 12X35 UNI 5931-12.9	0
7	34460012		4	VITE TCEI M 6X25 5931 - 12.9 SCREW TCEI M 6X25 5931 - 12.9	0
6	34244000		1	CUSCINETTO_322/28B_(LVP45) ROLLER_BEARING_322/28B_(LVP45)	0
5	34243500		1	CUSCINETTO_LM12749-LM12710_TIMKEN_(LVP 45) ROLLER_BEARING_LM12749-LM12710_TIMKEN_(LVP 45)	0
4	23398141		1	COPERCHIO MVP 48/I-LME/MC (SAE B) (1) COVER MVP 48/I-LME/MC (SAE B) (1)	3
3	06870001		1	REGOLATORE DI PRESSIONE LVP/MVP RP0 VITON PRESSURE COMPENSATOR LVP/MVP RP0 VITON	13
2	05000013		1	CONTRODADO M8 LIMITATORE DI CILINDRATA MAX. MVP L = 31 DISPLACEMENT LIMITER LOCK NUT MVP L = 31	1
1	05000010		1	CONTRODADO M8 LIMITATORE DI CILINDRATA MIN. MVP L = 22 MIN. DISPLACEMENT LIMITER LOCK NUT MVP L = 22	0
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-		-		-	
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Data	17-08-2021	17-08-2021	AD2001	-	1:1
Firma	EspositoL	CarusoD	File	Codice Grezzo / Master Code	Formato/Size
Signature			650900MW	-	A4
				Descrizione / Description POMPA MVP 48.45D-04S5-LME/MC-V-RP0-G-AS5/04 (HT)(CN) PUMP MVP 48.45D-04S5-LME/MC-V-RP0-G-AS5/04 (HT)(CN)	
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39	48360007		1	SEGMENTO MVP ISF SEGMENT MVP ISF	1
38	47555585		1	ALBERO MVP 48/I VERSIONE 04 SHAFT MVP 48/I VERSION 04	6
37	47440002		1	PERNO DI INCERNIERAMENTO MVP 48 RINFORZATO CONNECTION SHAFT MVP 48 REINFORCED	3
36	46221510		9	PISTONE LVP 48 (ASSY) PISTON LVP 48 (ASSY)	5
35	45970230		1	PIATTO GUIDA PISTONI MVP 48 PISTONS GUIDE PLATE MVP 48	5
34	45970053		1	PIATTO DISTRIBUTORE MVP 48 DX (CFTC) VALVE PLATE MVP 48 DX (CFTC)	0
33	45970044		1	PIATTO OSCILLANTE MVP 48 VRP NF ISF SWASH PLATE MVP 48 VRP NF ISF	6
32	45340700		1	MOLLA SOSTENTAMENTO PISTONI LVP 48 PISTONS SPRING LVP 48	3
31	45340002		1	MOLLA CONTROBILANCIAMENTO MVP 48 COUNTERBALANCING SPRING MVP 48 OTEVA 75	2
30	44907905		1	MANICOTTO LVP 48 SAE B SCANALATO - 04 COUPLING LVP 48 SAE B SPLINE - 04	5
29	42450073		1	BLOCCO CILINDRI MVP 48 (TAKAKO) CILINDERS BLOCK MVP 48 (TAKAKO)	0
28	42136500		1	ANELLO SCANALATO LVP 48 SPLINED RING LVP 48	8
27	42130020		2	SEMIANELLO SUPPORTO PIATTO OSCILLANTE MVP 48 (COB) SEMI-RING SWASH PLATE SUPPORT MVP 48 (COB) (3)	2
26	41265042		1	ANELLO 5 UNI 7434-DIN 6799 INOX RING 5 UNI 7434-DIN 6799 INOX	0
25	40810000		1	ANELLO 40 UNI 7437-DIN 472 RING 40 UNI 7437-DIN 472	0
24	40750000		1	ANELLO 38 UNI 7437-DIN 472-JIS B 2804 RING 38 UNI 7437-DIN 472-JIS B 2804	0
23	39670014		1	PARAOLIO BABSL 28X40X6 V (DHH) SHAFT SEAL BABSL 28X40X6 V (DHH)	0
22	39645118		1	ANELLO TOROIDALE OR 3400 V (101,27X2,62) O RING SEAL OR 3400 V (101,27X2,62)	0
21	39644954		4	ANELLO TOROIDALE OR 108 V (8,73X1,78) O-RING SEAL OR 108 V (8,73X1,78)	0
20	39644951		2	ANELLO TOROIDALE OR 2025 70GRA SH.A(6,07X1,78) VITON O-RING SEAL OR 2025 70GRA SH.A(6,07X1,78) VITON	0

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D

D

C

C

B

B

A

A

49	49591050		4	TAPPO KSA CVMS0063110A (DIAM. 6 MM) PLUG KSA CVMS0063110A (DIAM. 6 MM)	0
48	49591040		1	TAPPO KSA CVMS0053110A (DIAM. 5 MM) PLUG KSA CVMS0053110A (DIAM. 5 MM)	0
47	49478072		2	TAPPO TCEI SAE 10 (7/8UNF) V PLUG TCEI SAE 10 (7/8UNF) V	0
46	49477569		1	TAPPO TE 3/4 GAS CON OR 3100 V 25,07X2,62 MVP 48 PLUG TE 3/4 GAS WITH OR 3100 V 25,07X2,62 MVP 48	2
45	49323002		2	BUSSOLA DI CENTRAGGIO SAE B 14.2X12.1X13 STEEL BUSHES SAE B 14.2x12.1x13	0
44	49300002		1	SPINA MM.8x30x24_T DOWEL MM.8X30X24_T	1
43	49271600		1	SPINA MM.6X18 UNI 1707-M6-CEMENTATA-TESTA PIANA DOWEL PIN CASEHARDENED MM.6X18 UNI1707 M6-FLAT HEAD	1
42	49256000		3	SPINA MM.3x36 UNI1707 H8 CEMENTATA DOWEL PIN CASEHARDENED MM.3x36 UNI1707 H8	0
41	48474122		1	ATTUATORE MVP 60 / 48 RINFORZATO PISTON MVP 60 / 48 REINFORCED	5
40	48416300		1	SCATOLA MVP 48 VERS S5-OC PUMP BODY MVP 48 VERS S5-OC	14

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