

N.	Descrizione it	Description en	Description fr	Beschreibung de	Descripción es	Descrição pt
1	Kit parti di usura leggera	Wear parts light kit	Kit pièces d'usure légères	Bausatz Verschleißteile leichter Verschleiß	Kit piezas de desgaste ligero	Kit peças de desgaste leve
2	Kit parti di usura pesante	Wear parts heavy kit	Kit pièces d'usure lourdes	Bausatz Verschleißteile schwerer Verschleiß	Kit piezas de desgaste fuerte	Kit peças de desgaste pesado
3	Kit valvola	Valve kit	Kit vanne	Ventilsatz	Kit válvula	Kit válvula
4	Kit giunto	Coupling kit	Kit manchon	Kupplungssatz	Kit junta	Kit junta
5	Kit copricavo	Cable guard kit	Kit protection de câble	Kabelabdeckungssatz	Kit cubrecable	Kit cobertura cabo
6	Kit tiranti	Tie rods kit	Kit tirants	Zugstangensatz	Kit tirantes	Kit tirantes
7	Kit guarnizioni OR	O ring kit	Kit joints toriques	O-Ring-Dichtungssatz	Kit juntas tóricas	Kit guarnições OR
8	Bocca di mandata con viti	Discharge head with screws	Orifice de refoulement avec vis	Druckstutzen mit Schrauben	Boca de impulsión con tornillos	Bocal de compressão com parafusos
9	Supporto inferiore con filtro	Lower support with strainer	Support inférieure avec filtre	Untere Halterung mit Filter	Soporte inferior con filtro	Suporte inferior com filtro
10	Girante	Impeller	Roue	Laufrad	Rodete	Impulsor
11	Diffusore	Diffuser	Diffuseur	Diffusor	Difusor	Difusor
12	Diffusore / Stadio boccola widia	Tungsten / Stage bush diffuser	Diffuseur / Étage Widia	Diffusor / Stufe mit Widia	Difusor / Etapa casquillo widia	Difusor / Célula bucha widia
13	Stadio iniziale	Initial stage	Premier étage	Erste Stufe	Etapa inicial	Primeira célula
14	Filtro	Strainer	Filtre	Filter	Filtro	Filtro
15	Albero	Shaft	Arbre	Welle	Árbol	Veio
16	Frenafiletto (da usare per dadi tiranti e grani giunto)	Threadlocker (to be used with tie rods nuts and coupling screws)	Frein-filet (à utiliser pour les boulons, tirants et vis)	Gewindebremse (zu verwenden für Zugstangenmutter und Kupplungsschrauben)	Sujetarrosas (a utilizar para tuercas tirantes y pasadores junta)	Trava rosca (a usar para porcas tirantes e pinos junta)
N.	Descrizione nl	Περιγραφή el	Açıklama tr	Kuvaus fi	Описание ru	Opis pl
1	Set lichte slijtonderdelen	Σετ μερών ελαφράς φθοράς	Hafif aşınma parçası kiti	Kulumisiosien kevyt sarja	Комплект изнашивающихся деталей	Zestaw części podlegających zużyciu (lekkie warunki pracy)
2	Set zware slijtonderdelen	Σετ μερών βαριάς φθοράς	Ağır aşınma parçası kiti	Kulumisiosien raskas sarja	Комплект быстроизнашивающихся деталей	Zestaw części podlegających zużyciu (ciężkie warunki pracy)
3	Klepset	Σετ βαλβίδας	Supap kiti	Venttiilsarja	Комплект клапанов	Zestaw zaworu
4	Koppingsset	Σετ σύζευξη	Kaplin kiti	Liitossarja	Комплект муфт	Zestaw sprzęgła
5	Kabelafdekkingsset	Σετ κάλυμμα καλωδίου	Kablo muhafazası kiti	Kaapelinsuojussarja	Комплект чехлов кабеля	Powłoka kabla sprzęgła
6	Set trekstangen	Σετ ράβδων σύνδεσης	Gergi cubuğu kiti	Vetotankosarja	Комплект соединительных тяг	Zestaw napinaczy
7	Set O-ringafdichtingen	Σετ σιμουρών OR	O-Ring kiti	O-rengassarja	Комплект уплотнительных колец	Zestaw uszczelek O-Ring
8	Persopening met schroeven	Στόμιο αποστολής με βίδες	Basma borusunun ağzi ve vidalar	Poistoaukko ja ruuvit	Напорная головка с винтами	Głowica ze śrubami
9	Onderste steun met filter	Κάτω έδρανο με φίλτρο	Alt mesnet ve filtresi	Alakannatin ja suodatin	Нижняя опора с фильтром	Podstawa dolna wraz z filtrem
10	Waaier	Πτερύγιο	Pompa çarkı	Juoksupyörä	Рабочее колесо	Wirnik
11	Diffusor	Διάταξη διάχυσης	Difüzör	Diffusori	Диффузор	Dyfuzor
12	Widia diffusorbus / trap	Διάταξη διάχυση / στάδιο στομίου widia	Tungsten difüzör / kademe	Diffusori / laatikko ja kovametalliholkki	Диффузор / стадия куста вольфрама	Stopień / Dyfuzor (wolframowe)
13	Kast eerste trap	Αρχικό στάδιο	İlk kademe	Ensivaiheen laatikko	Начальная стадия	Stopień początkowy
14	Filter	Φίλτρο	Filtre	Suodatin	Фильтр	Filtr
15	As	Άξονας	Mil	Akseli	Вал	Wał
16	Draadborgmiddel (te gebruiken voor moeren trekstangen en stiften koppeling)	Μπλοκάρισμα σπειρώματος (προς χρήση σε παξιμάδια ένωσης και στοιχεία άρθρωσης)	Vida gevmezlik (gergi cubuğu somunları ve bağlama vidaları ile kullanılacaktır)	Kierrelukite (vetotankojen muttereille ja liitoksen vaarnoille)	Клей для резьбовых соединений (использовать для гаек соединительных тяг и соединительных винтов)	Płyn do unieruchomiania śrub i wkrętów. (używane do śrub, złączy i sprzęgieł)

ZN 612

Production date > 07/2007

ZN - Series 3 ~										
4" ->	612 01-4	612 02-4	612 03-4	612 04-4	612 05-4	612 06-4	612 07-4	612 08-4	612 09-4	612 10-4
	102L00002	102L00012	102L00022	102L00032	102L00042	102L00052	102L00062	102L00072	102L00082	102L00092
4" ->	612 11-4	612 12-4	612 13-4	612 14-4	612 15-4					
	102L00102	102L00112	102L00122	102L00132	102L00142					
6" ->							612 07-6	612 08-6	612 09-6	612 10-6
							102L00302	102L00312	102L00322	102L00332
6" ->	612 11-6	612 12-6	612 13-6	612 14-6	612 15-6	612 16-6	612 17-6	612 18-6	612 19-6	612 20-6
	102L00342	102L00352	102L00362	102L00372	102L00382	102L00392	102L00402	102L00412	102L00422	102L00432
6" ->	612 21-6	612 22-6	612 23-6	612 24-6	612 25-6	612 26-6	612 27-6	612 28-6	612 29-6	612 30-6
	102L00442	102L00452	102L00462	102L00472	102L00482	102L00492	102L00502	102L00512	102L00522	102L00532
6" ->	612 31-6	612 32-6	612 33-6	612 34-6	612 35-6	612 36-6	612 37-6	612 38-6	612 39-6	
	102L00542	102L00552	102L00562	102L00572	102L00582	102L00592	102L00602	102L00612	102L00622	
Motor power kW >	0,55	1,1	1,5	2,2	3	3	4	4	5,5	5,5
	5,5	7,5	7,5	7,5	7,5					
							4	4	5,5	5,5
	5,5	7,5	7,5	7,5	7,5	9,3	9,3	9,3	9,3	11
	11	11	11	13	13	13	13	15	15	15
	15	18,5	18,5	18,5	18,5	18,5	18,5	18,5	18,5	

Wear parts kits ZN6

	- >612/8	->612/15	->612/22	->612/28	->612/35	->612/39		
	1 bearing Widia	1 bearing Widia	1 bearing Widia	2 bearing Widia	2 bearing Widia	3 bearing Widia		
*1	Wear parts light (duty work) kit		KL03ABR	KL03ABS	KL03ABT	KL03ABU	KL03ABV	KL03ABW
2	Wear parts heavy (duty work) kit		KL35ACX	KL35ACY	KL35ACZ	KL35ACO	KL35AC1	KL35AC2

Kit and Single Unit

Stages number	1	2	3	4	5	6	7	8	9	10		
		11	12	13	14	15		7	8	9	10	
	11	12	13	14	15	16	17	18	19	20		
	21	22	23	24	25	26	27	28	29	30		
	31	32	33	34	35	36	37	38	39			
5	Cable guard kit > 316 SS	KL14ACG	KL14ACH	KL14ACK	KL14ACL	KL14ACM	KL14ACN	KL14ACP	KL14ACQ	KL14ACR	KL14ACS	
		KL14ACT	KL14ACU	KL14ACV	KL14ACW	KL14ACX						
								KL14ACP	KL14ACQ	KL14ACR	KL14ACS	
		KL14ACT	KL14ACU	KL14ACV	KL14ACW	KL14ACX	KL14ACY	KL14ACZ	KL14AC0	KL14AC1	KL14AC2	
		KL14AC3	KL14AC4	KL14AC5	KL14AC6	KL14AC7	KL14AC8	KL14AC9	KL14ADA	KL14ADB	KL14ADC	
		KL14ADD	KL14ADE	KL14ADF	KL14ADG	KL14ADH	KL14ADK	KL14ADL	KL14ADM	KL14ADN		
6	Tie rods kit >	Strips, 316 SS										
		KL22AF5	KL22AFT	KL22AFU	KL22AFV	KL22AFW	KL22AFX	KL22AFY	KL22AFZ	KL22AF0	KL22AF1	
		KL22AF2	KL22AF3	KL22AF4	KL22AF5	KL22AF6						
								KL22AFY	KL22AFZ	KL22AF0	KL22AF1	
		KL22AF2	KL22AF3	KL22AF4	KL22AF5	KL22AF6	KL22AF7	KL22AF8	KL22AF9	KL22AGA	KL22AGB	
		KL22AGC	KL22AGD	KL22AGE	KL22AGF	KL22AGG	KL22AGH	KL22AGK	KL22AGL	KL22AGM	KL22AGN	
15	Shaft >	AF51 SS										
		165047025	165047065	165047085	165047125	165047145	165047165	165047205	165047225	165047245	165047285	
		165047305	165047345	165047385	165047405	165047425			165047205	165047225	165047245	165047285
		165047305	165047345	165047385	165047405	165047425	165047465	165047505	165047525	165047565	165047585	
		165047605	165047645	165047685	165047725	165047745	165047785	165047825	165047845	165047865	165047905	
		165047945	165047965	165048005	165048025	165048045	165048105	165048125	165048165	165048185		

Common, Kit and Single Unit

3	Valve Kit	KL52AAG	316 SS
4	4" Coupling kit	KL10ABV	
	6" Coupling kit	KL10ABW	F51 Duplex
*7	O-Ring Kit	KL02ABC	EPDM
8	2" 1/2 Discharge head with screw	151403902	316 SS
9	4" Lower support wih strainer	151403922	
	6" Lower support wih strainer	151403932	316 SS
10	Impeller	150702902	
11	Diffuser	152802012	
13	Initial Stage	152802252	
14	Strainer	164601012	316 SS
12	Widia Diffuser ZN612-616	152802372	TUNGST CARB
16*	Thredlocker	002982129	Use: with tie rods nuts and coupling screws. Observe precaution, cause irritation.

* Recommended spare parts - Parti di ricambio consigliate

* Pièces détachées conseillées - Empfohlene Ersatzteile

ZN612-660 5 July07 EdD

ZN 616

Production date > 07/2007

ZN - Series 3 ~										
4" ->	616 01-4	616 02-4	616 03-4	616 04-4	616 05-4	616 06-4	616 07-4	616 08-4	616 09-4	616 10-4
	102L01022	102L01032	102L01042	102L01052	102L01062	102L01072	102L01082	102L01092	102L01102	102L01112
6" ->					616 05-6	616 06-6	616 07-6	616 08-6	616 09-6	616 10-6
					102L01222	102L01232	102L01242	102L01252	102L01262	102L01272
6" ->	616 11-6	616 12-6	616 13-6	616 14-6	616 15-6	616 16-6	616 17-6	616 18-6	616 19-6	616 20-6
	102L01282	102L01292	102L01302	102L01312	102L01322	102L01332	102L01342	102L01352	102L01362	102L01372
6" ->	616 21-6	616 22-6	616 23-6	616 24-6	616 25-6	616 26-6	616 27-6	616 28-6	616 29-6	616 30-6
	102L01382	102L01392	102L01402	102L01412	102L01422	102L01432	102L01442	102L01452	102L01462	102L01472
6" ->	616 31-6	616 32-6	616 33-6	616 34-6	616 35-6	616 36-6				
	102L01482	102L01492	102L01502	102L01512	102L01522	102L01532				
Motor power kW >	0,75	1,5	2,2	3	4	5,5	5,5	7,5	7,5	7,5
					4	5,5	5,5	7,5	7,5	7,5
	9,3	9,3	11	11	13	13	13	13	15	15
	18,5	18,5	18,5	18,5	18,5	22	22	22	22	22
	26	26	26	26	26	26				

Wear parts kits ZN6

		->616/8	-> 616/15	->616/22	->616/28	->616/35	->616/36
		1 bearing Widia	1 bearing Widia	1 bearing Widia	2 bearing Widia	2 bearing Widia	3 bearing Widia
*1	Wear parts light (duty work) kit	KL03ABR	KL03ABS	KL03ABT	KL03ABU	KL03ABV	KL03ABX
2	Wear parts heavy (duty work) kit	KL35ACX	KL35ACY	KL35ACZ	KL35AC0	KL35AC1	KL35AC3

Kit and Single Unit

	Stages number	1	2	3	4	5	6	7	8	9	10
								5	6	7	8
		11	12	13	14	15	16	17	18	19	20
		21	22	23	24	25	26	27	28	29	30
		31	32	33	34	35	36				
5	Cable guard kit > 316 SS	KL14ACG	KL14ACH	KL14ACK	KL14ACL	KL14ACM	KL14ACN	KL14ACP	KL14ACQ	KL14ACR	KL14ACS
		KL14ACT	KL14ACU	KL14ACV	KL14ACW	KL14ACX	KL14ACY	KL14ACZ	KL14AC0	KL14AC1	KL14AC2
		KL14AC3	KL14AC4	KL14AC5	KL14AC6	KL14AC7	KL14AC8	KL14AC9	KL14ADA	KL14ADB	KL14ADC
		KL14ADD	KL14ADE	KL14ADF	KL14ADG	KL14ADH	KL14ADK				
6	Tie rods kit >	Strips, 316 SS									
		KL22AFS	KL22AFT	KL22AFU	KL22AFV	KL22AFW	KL22AFX	KL22AFY	KL22AFZ	KL22AF0	KL22AF1
						KL22AFW	KL22AFX	KL22AFY	KL22AFZ	KL22AF0	KL22AF1
		KL22AF2	KL22AF3	KL22AF4	KL22AF5	KL22AF6	KL22AF7	KL22AF8	KL22AF9	KL22AGA	KL22AGB
		KL22AGC	KL22AGD	KL22AGE	KL22AGF	KL22AGG	KL22AGH	KL22AGK	KL22AGL	KL22AGM	KL22AGN
		KL22AGP	KL22AGQ	KL22AGR	KL22AGS	KL22AGT	KL22AGU				
15	Shaft >	AF51 SS									
		165047025	165047065	165047085	165047125	165047145	165047165	165047205	165047225	165047245	165047285
						165047145	165047165	165047205	165047225	165047245	165047285
		165047305	165047345	165047385	165047405	165047425	165047465	165047505	165047525	165047565	165047585
		165047605	165047645	165047685	165047725	165047745	165047785	165047825	165047845	165047865	165047905
		165047945	165047965	165048005	165048025	165048045	165048105				

Common, Kit and Single Unit

3	Valve Kit	KL52AAG	316 SS
4	4" Coupling kit	KL10ABV	F51 Duplex
	6" Coupling kit	KL10ABW	
*7	O-Ring Kit	KL02ABC	EPDM
8	2" 1/2 Discharge head with screw	151403902	316 SS
9	4" Lower support wih strainer	151403922	316 SS
	6" Lower support wih strainer	151403932	
10	Impeller	150702912	
11	Diffuser	152802012	
13	Initial Stage	152802252	
14	Strainer	164601012	304 SS
12	Widia Diffuser ZN612-616	152802372	TUNGST CARB
16*	Thredlocker	002982129	Use: with tie rods nuts and coupling screws. Observe precaution, cause irritation.

* Recommended spare parts - Parti di ricambio consigliate

* Pièces détachées conseillées - Empfohlene Ersatzteile

ZN612-660_5_July07_EdD

ZN 622

Production date > 07/2007

ZN - Series 3 ~		622 01-4	622 02-4	622 03-4	622 04-4	622 05-4	622 06-4	622 07-4			
4" ->		102L01932	102L01942	102L01952	102L01962	102L01972	102L01982	102L01992			
					622 04-6	622 05-6	622 06-6	622 07-6	622 08-6	622 09-6	622 10-6
6" ->					102L02082	102L02092	102L02102	102L02112	102L02122	102L02132	102L02142
		622 11-6	622 12-6	622 13-6	622 14-6	622 15-6	622 16-6	622 17-6	622 18-6	622 19-6	622 20-6
6" ->		102L02152	102L02162	102L02172	102L02182	102L02192	102L02202	102L02212	102L02222	102L02232	102L02242
		622 21-6	622 22-6	622 23-6	622 24-6	622 25-6	622 26-6	622 27-6	622 28-6	622 29-6	622 30-6
6" ->		102L02252	102L02262	102L02272	102L02282	102L02292	102L02302	102L02312	102L02322	102L02332	102L02342
		622 31-6	622 32-6	622 33-6							
		102L02352	102L02362	102L02372							
Motor power kW >		1,1	2,2	3	4	5,5	7,5	7,5			
					4	5,5	7,5	7,5	9,3	9,3	11
		11	13	13	15	15	18,5	18,5	18,5	22	22
		22	22	26	26	26	26	30	30	30	30
	37	37	37								

Wear parts kits ZN6

		->622/9	->622/13	->622/18	->622/22	->622/28	->622/33
		1 bearing Widia	1 bearing Widia	2 bearing Widia	2 bearing Widia	2 bearing Widia	3 bearing Widia
*1	Wear parts light (duty work) kit	KL03ABY	KL03ABZ	KL03AB0	KL03AB1	KL03AB2	KL03AB3
2	Wear parts heavy (duty work) kit	KL35AC4	KL35AC5	KL35AC6	KL35AC7	KL35AC8	KL35AC9

Kit and Single Unit

	Stages number	1	2	3	4	5	6	7	8	9	10
			11	12	13	14	15	16	17	18	19
		21	22	23	24	25	26	27	28	29	30
		31	32	33							
5	Cable guard kit > 316 SS	KL14ADP	KL14ACH	KL14ADQ	KL14ACM	KL14ADR	KL14ACQ	KL14ADS			
					KL14ACM	KL14ADR	KL14ACQ	KL14ADS	KL14ACT	KL14ADT	KL14ACW
		KL14ADU	KL14ACZ	KL14ADV	KL14AC2	KL14ADW	KL14ADX	KL14ADY	KL14AC7	KL14ADZ	KL14ADA
		KL14AD0	KL14ADD	KL14AD1	KL14ADG	KL14AD2	KL14ADK	KL14AD3	KL14ADN	KL14AD4	KL14AD5
		KL14AD6	KL14AD7	KL14AD8							
6	Tie rods kit>	Strips, 316 SS									
		KL22AGY	KL22AFT	KL22AGZ	KL22AFW	KL22AG0	KL22AFZ	KL22AG1			
					KL22AFW	KL22AG0	KL22AFZ	KL22AG1	KL22AF2	KL22AG2	KL22AF5
		KL22AG3	KL22AF8	KL22AG4	KL22AGB	KL22AG5	KL22AG6	KL22AG7	KL22AGG	KL22AG8	KL22AGL
		KL22AG9	KL22AGP	KL22AHA	KL22AGS	KL22AHB	KL22AGU	KL22AHC	KL22AGX	KL22AHD	KL22AHE
	KL22AHF	KL22AHG	KL22AHH								
15	Shaft >	AF51 SS									
		165047005	165047065	165047105	165047145	165047185	165047225	165047265			
					165047145	165047185	165047225	165047265	165047305	165047365	165047405
		165047445	165047505	165047545	165047585	165047625	165047665	165047705	165047745	165047805	165047845
		165047885	165047945	165047985	165048025	165048065	165048105	165048145	165048185	165048245	165048285
	165048325	165048385	165048425								

Common, Kit and Single Unit

3	Valve Kit	KL52AAG	316 SS
4	4" Coupling kit	KL10ABV	
	6" Coupling kit	KL10ABW	F51 Duplex
*7	O-Ring Kit	KL02ABC	EPDM
8	2" 1/2 Discharge head with screw	151403902	316 SS
9	4" Lower support wih strainer	151403922	
	6" Lower support wih strainer	151403932	316 SS
10	Impeller	150702922	
11	Diffuser	152802032	
13	Initial Stage	152802272	
14	Strainer	164601012	316 SS
12	Widia Diffuser ZN622-631	152802152	TUNGST CARB
16*	Thredlocker	002982129	Use: with tie rods nuts and coupling screws. Observe precaution, cause irritation.

* Recommended spare parts - Parti di ricambio consigliate

* Pièces détachées conseillées - Empfohlene Ersatzteile

ZN612-660_5_July07_EdD

ZN 631

Production date > 07/2007

ZN - Series 3 ~										
	631 01-4	631 02-4	631 03-4	631 04-4	631 05-4	631 06-4				
4" ->	102L02722	102L02732	102L02742	102L02752	102L02762	102L02772				
			631 03-6	631 04-6	631 05-6	631 06-6	631 07-6	631 08-6	631 09-6	631 10-6
6" ->			102L02832	102L02842	102L02852	102L02862	102L02872	102L02882	102L02892	102L02902
	631 11-6	631 12-6	631 13-6	631 14-6	631 15-6	631 16-6	631 17-6	631 18-6	631 19-6	631 20-6
6" ->	102L02912	102L02922	102L02932	102L02942	102L02952	102L02962	102L02972	102L02982	102L02992	102L03002
	631 21-6	631 22-6	631 23-6	631 24-6	631 25-6	631 26-6	631 27-6	631 28-6	631 29-6	
6" ->	102L03012	102L03022	102L03032	102L03042	102L03052	102L03062	102L03072	102L03082	102L03092	
Motor power	1,5	3	4	5,5	7,5	7,5				
kw >			4	5,5	7,5	7,5	9,3	11	11	13
	15	18,5	18,5	18,5	22	22	22	26	26	26
	30	30	30	37	37	37	37	37	37	

Wear parts kits ZN6

	- >631/9	-> 631/13	->631/18	->631/22	->631/28	->631/29
	1 bearing Widia	1 bearing Widia	2 bearing Widia	2 bearing Widia	2 bearing Widia	3 bearing Widia
*1	Wear parts light (duty work) kit	KL03ABY	KL03ABZ	KL03AB0	KL03AB1	KL03AB2
2	Wear parts heavy (duty work) kit	KL35AC4	KL35AC5	KL35AC6	KL35AC7	KL35AC8

Kit and Single Unit

	Stages number	1	2	3	4	5	6				
				3	4	5	6	7	8	9	10
		11	12	13	14	15	16	17	18	19	20
		21	22	23	24	25	26	27	28	29	
5	Cable guard kit > 316 SS	KL14ADP	KL14ACH	KL14ADQ	KL14ACM	KL14ADR	KL14ACQ				
				KL14ADQ	KL14ACM	KL14ADR	KL14ACQ	KL14ADS	KL14ACT	KL14ADT	KL14ACW
		KL14ADU	KL14ACZ	KL14ADV	KL14AC2	KL14ADW	KL14ADX	KL14ADY	KL14AC7	KL14ADZ	KL14ADA
		KL14AD0	KL14ADD	KL14AD1	KL14ADG	KL14AD2	KL14ADK	KL14AD3	KL14ADN	KL14AD4	
6	Tie rods >	Strips, 316 SS									
		KL22AGY	KL22AFT	KL22AGZ	KL22AFW	KL22AG0	KL22AFZ				
				KL22AGZ	KL22AFW	KL22AG0	KL22AFZ	KL22AG1	KL22AF2	KL22AG2	KL22AF5
		KL22AG3	KL22AF8	KL22AG4	KL22AGB	KL22AG5	KL22AG6	KL22AG7	KL22AGG	KL22AG8	KL22AGL
		KL22AG9	KL22AGP	KL22AHA	KL22AGS	KL22AHB	KL22AGU	KL22AHC	KL22AGX	KL22AHD	
15	Shaft > AF51										
		165047005	165047065	165047105	165047145	165047185	165047225				
				165047105	165047145	165047185	165047225	165047265	165047305	165047365	165047405
		165047445	165047505	165047545	165047585	165047625	165047665	165047705	165047745	165047805	165047845
		165047885	165047945	165047985	165048025	165048065	165048105	165048145	165048185	165048245	

Common, Kit and Single Unit

3	Valve Kit	KL52AAG	316 SS
4	4" Coupling kit	KL10ABV	F51 Duplex
	6" Coupling kit	KL10ABW	
*7	O-Ring Kit	KL02ABC	EPDM
8	3" Discharge head with screw	151403912	316 SS
9	4" Lower support wih strainer	151403922	316 SS
	6" Lower support wih strainer	151403932	
10	Impeller	150702932	316 SS
11	Diffuser	152802032	
13	Initial stage	152802272	
14	Strainer	164601012	316 SS
12	Widia Diffuser ZN622-631	152802152	TUNGST CARB
16*	Thredlocker	002982129	Use: with tie rods nuts and coupling screws. Observe precaution, cause irritation.

* Recommended spare parts - Parti di ricambio consigliate

* Pièces détachées conseillées - Empfohlene Ersatzteile

ZN612-660_5_July07_EdD

ZN 646

Production date > 07/2007

ZN - Series 3 ~										
4" ->	646 01-4	646 02-4	646 03-4	646 04-4	646 05-4					
	102L03312	102L03322	102L03332	102L03342	102L03352					
6" ->			646 03-6	646 04-6	646 05-6	646 06-6	646 07-6	646 08-6	646 09-6	646 10-6
			102L03412	102L03422	102L03432	102L03442	102L03452	102L03462	102L03472	102L03482
6" ->	646 11-6	646 12-6	646 13-6	646 14-6	646 15-6	646 16-6	646 17-6	646 18-6	646 19-6	646 20-6
	102L03492	102L03502	102L03512	102L03522	102L03532	102L03542	102L03552	102L03562	102L03572	102L03582
6" ->	646 21-6	646 22-6	646 23-6	646 24-6	646 25-6					
	102L03592	102L03602	102L03612	102L03622	102L03632					
Motor power kW >	1,5	3	5,5	7,5	7,5					
			5,5	7,5	7,5	9,3	11	13	13	15
	18,5	18,5	22,0	22,0	22,0	26,0	26,0	30,0	30,0	30,0
	37,0	37,0	37,0	37,0	37,0					

Wear parts kits ZN6

		->646/5	->646/9	->646/15	->646/21	->646/25
		1 bearing Widia	1 bearing Widia	2 bearing Widia	3 bearing Widia	4 bearing Widia
*1	Wear parts light (duty work) kit	KL03ABQ	KL03AB5	KL03AB6	KL03AB7	KL03AB8
2	Wear parts heavy (duty work) kit	KL35ACW	KL35ADD	KL35ADE	KL35ADF	KL35ADG

Kit and Single Unit

	Stages number	1	2	3	4	5	6	7	8	9	10	
					3	4	5					
			11	12	13	14	15	16	17	18	19	20
5	Cable guard kit > 316 SS	KL14AD9	KL14ACL	KL14ADR	KL14ACR	KL14AEA						
				KL14ADR	KL14ACR	KL14AEA	KL14ACW	KL14AEB	KL14AC1	KL14ADW	KL14AC5	
		KL14AEC	KL14ADA	KL14AED	KL14ADF	KL14AD2	KL14ADL	KL14AEE	KL14AD5	KL14AEF	KL14AEG	
		KL14AEH	KL14AEK	KL14AEL	KL14AEM	KL14AEN						
6	Tie rods kit > 316 SS	KL22AHK	KL22AFV	KL22AG0	KL22AF0	KL22AHL						
				KL22AG0	KL22AF0	KL22AHL	KL22AF5	KL22AHM	KL22AGA	KL22AG5	KL22AGE	
		KL22AHN	KL22AGL	KL22AHP	KL22AGR	KL22AHB	KL22AGV	KL22AHQ	KL22AHE	KL22AHR	KL22AHS	
		KL22AHT	KL22AHU	KL22AHV	KL22AHW	KL22AHX						
15	Shaft > AF51 SS	165047045	165047125	165047185	165047245	165047325						
				165047185	165047245	165047325	165047405	165047485	165047565	165047625	165047685	
		165047765	165047845	165047925	165048005	165048065	165048125	165048205	165048285	165048365	165048445	
		165048505	165048565	165048645	165048725	165048805						

Common, Kit and Single Unit

3	Valve Kit	KL52AAG	316 SS
4	4" Coupling kit	KL10ABV	F51 Duplex
	6" Coupling kit	KL10ABW	
*7	O-Ring Kit	KL02ABC	EPDM
8	3" Discharge head with screw	151403912	316 SS
9	4" Lower support wih strainer	151403922	316 SS
	6" Lower support wih strainer	151403932	
10	Impeller	150702942	
11	Diffuser	152802052	
13	Initial stage	152802292	
14	Strainer	164601012	316 SS
12	Widia Diffuser ZN646-660	152802172	TUNGST CARB
16*	Thredlocker	002982129	Use: with tie rods nuts and coupling screws. Observe precaution, cause irritation.

* Recommended spare parts - Parti di ricambio consigliate

* Pièces détachées conseillées - Empfohlene Ersatzteile

ZN612-660_5_July07_EdD

ZN 660

Production date > 07/2007

ZN - Series 3 ~											
4" ->	660 01-4	660 02-4	660 03-4	660 04-4							
	102L03882	102L03892	102L03902	102L03912							
6" ->		660 02-6	660 03-6	660 04-6	660 05-6	660 06-6	660 07-6	660 08-6	660 09-6	66010-6	
		102L03972	102L03982	102L03992	102L04002	102L04012	102L04022	102L04032	102L04042	102L04052	
		660 11-6	660 12-6	660 13-6	660 14-6	660 15-6	660 16-6	660 17-6	660 18-6	66019-6	66020-6
6" ->		102L04062	102L04072	102L04082	102L04092	102L04102	102L04112	102L04122	102L04132	102L04142	102L04152
		660 21-6									
		102L04162									
Motor power kW >	2,2	4	5,5	7,5							
		4	5,5	7,5	9,3	11	13	15	18,5	18,5	
	22	22	22	26	26	30	30	37	37	37	
	37										

Wear parts kits ZN6

		- >660/5	- >660/9	- >660/15	- >660/21
		1 bearing Widia	1 bearing Widia	2 bearing Widia	3 bearing Widia
*1	Wear parts light (duty work) kit	KL03ABQ	KL03AB5	KL03AB6	KL03AB7
2	Wear parts heavy (duty work) kit	KL35ACW	KL35ADD	KL35ADE	KL35ADF

Kit and Single Unit

	Stages number	1	2	3	4	5	6	7	8	9	10
			2	3	4	5	6	7	8	9	10
			11	12	13	14	15	16	17	18	19
5	Cable guard kit > 316 SS	KL14AD9	KL14ACL	KL14ADR	KL14ACR						
			KL14ACL	KL14ADR	KL14ACR	KL14AEA	KL14ACW	KL14AEB	KL14AC1	KL14ADW	KL14AC5
		KL14AEC	KL14ADA	KL14AED	KL14ADF	KL14AD2	KL14ADL	KL14AEE	KL14AD5	KL14AEF	KL14AEG
		KL14AEH									
6	Tie rods kit >	316 SS									
		KL22AHK	KL22AFV	KL22AG0	KL22AF0						
			KL22AFV	KL22AG0	KL22AF0	KL22AHL	KL22AF5	KL22AHM	KL22AGA	KL22AG5	KL22AGE
		KL22AHN	KL22AGL	KL22AHP	KL22AGR	KL22AHB	KL22AGV	KL22AHQ	KL22AHE	KL22AHR	KL22AHS
15	Shaft >	AF51 SS									
		165047045	165047125	165047185	165047245						
			165047125	165047185	165047245	165047325	165047405	165047485	165047565	165047625	165047685
		165047765	165047845	165047925	165048005	165048065	165048125	165048205	165048285	165048365	165048445
	165048505										

Common, Kit and Single Unit

3	Valve Kit	KL52AAG	316 SS
4	4" Coupling kit	KL10ABV	F51 Duplex
	6" Coupling kit	KL10ABW	
*7	O-Ring Kit	KL02ABC	EPDM
8	3" Discharge head with screw	151403912	316 SS
9	4" Lower support wih strainer	151403922	316 SS
	6" Lower support wih strainer	151403932	
10	Impeller	150702952	316 SS
11	Diffuser	152802052	
13	Initial stage	152802292	
14	Strainer	164601012	
12	Widia Diffuser ZN646-660	152802172	
16*	Thredlocker	002982129	Use: with tie rods nuts and coupling screws. Observe precaution, cause irritation.

* Recommended spare parts - Parti di ricambio consigliate

* Pièces détachées conseillées - Empfohlene Ersatzteile

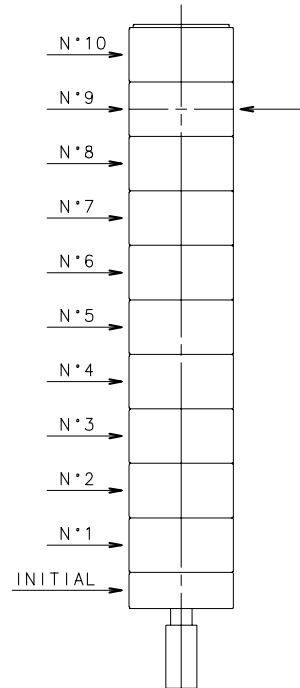
ZN612-660_5_July07_EdD

New ZN612 - ZN660 Pumps 50Hz: Diffuser with bearing position

ZN612 - ZN616 50 Hz			
ZN612 imp. n.	ZN616 imp. n.	stage with widia bearing position	stage with widia bearing number
1	1	N. 2	1
2	2	N. 3	
3	3	N. 4	
4	4	N. 5	
5	5	N. 6	
6	6	N. 6	
7	7	N. 7	
8	8	N. 8	
9	9	N. 9	
10	10	N. 10	
11	11	N. 10	
12	12	N. 11	
13	13	N. 12	
14	14	N. 13	
15	15	N. 13	
16	16	N. 14	
17	17	N. 15	
18	18	N. 16	
19	19	N. 16	
20	20	N. 17	
21	21	N. 18	
22	22	N. 18	
23	23	N. 10 - 24	2
24	24	N. 11 - 25	
25	25	N. 11 - 26	
26	26	N. 12 - 27	
27	27	N. 12 - 27	
28	28	N. 13 - 28	
29	29	N. 13 - 29	
30	30	N. 13 - 29	
31	31	N. 13 - 30	
32	32	N. 14 - 31	
33	33	N. 14 - 31	
34	34	N. 15 - 32	
35	35	N. 15 - 33	
36	36	N. 10 - 24 - 38	3
37	37	N. 10 - 25 - 39	
38	38	N. 10 - 25 - 39	
39	39	N. 10 - 25 - 39	

ZN622 - ZN631 50 Hz			
ZN622 imp. n.	ZN631 imp. n.	stage with widia bearing position	stage with widia bearing number
1	1	N. 1	1
2	2	N. 2	
3	3	N. 3	
4	4	N. 4	
5	5	N. 4	
6	6	N. 5	
7	7	N. 6	
8	8	N. 7	
9	9	N. 8	
10	10	N. 9	
11	11	N. 9	
12	12	N. 10	
13	13	N. 10	
14	14	N. 6 - 14	2
15	15	N. 6 - 14	
16	16	N. 7 - 15	
17	17	N. 7 - 16	
18	18	N. 7 - 17	
19	19	N. 8 - 18	
20	20	N. 8 - 18	
21	21	N. 8 - 19	
22	22	N. 9 - 20	
23	23	N. 6 - 14 - 22	
24	24	N. 6 - 15 - 23	
25	25	N. 6 - 15 - 24	
26	26	N. 7 - 16 - 25	
27	27	N. 7 - 17 - 26	
28	28	N. 7 - 17 - 27	
29	29	N. 8 - 18 - 28	
30	30	N. 8 - 18 - 28	
31	31	N. 8 - 19 - 29	
32	32	N. 8 - 19 - 30	
33	33	N. 9 - 20 - 31	

ZN646 - ZN660 50 Hz			
ZN646 imp. n.	ZN660 imp. n.	stage with widia bearing position	stage with widia bearing number
1	1	N. 1	1
2	2	N. 2	
3	3	N. 3	
4	4	N. 4	
5	5	N. 4	
6	6	N. 5	
7	7	N. 6	
8	8	N. 7	
9	9	N. 7	
10	10	N. 4 - 10	2
11	11	N. 4 - 10	
12	12	N. 5 - 11	
13	13	N. 5 - 12	
14	14	N. 6 - 13	3
15	15	N. 6 - 13	
16	16	N. 4 - 10 - 16	
17	17	N. 4 - 10 - 16	
18	18	N. 4 - 11 - 17	
19	19	N. 4 - 11 - 18	
20	20	N. 5 - 12 - 19	
21	21	N. 5 - 12 - 19	
22	22	N. 4 - 10 - 16 - 22	4
23	23	N. 4 - 10 - 16 - 22	
24	24	N. 5 - 11 - 17 - 23	
25	25	N. 5 - 11 - 18 - 24	



STAGE WITH (TUNG. CARB.) BEARING RECOGNITION LINE

KIT available for New ZN612 - ZN660 Pumps

1) LIGHT wear kit, components: new ZN612 - ZN660 pumps

PTFE Thrust bearing
PPO Wear rings (diffuser, shaft)
Wear ring covers (diffuser, shaft)
Imp. washer
Shaft screw

2) HEAVY wear kit, components: new ZN612 - ZN660 pumps

Widia Bearings
Widia Shaft sleeves
Imp. eye ring
Spacers (imp., shaft sleeve, 1st stage)
Thrust bearing support

3) Valve, complete

Seat valve
Seat ring
Valve
D94,92X2,62 EPDM O-Rings
D78,74X5,34 EPDM O-Rings

4) Coupling

Coupling 4" grain screws
Coupling 6" grain screws

5) Cable guards

6) Tie rods

7) Elastomers

D25,07X2,62 EPDM O-Rings
D94,92X2,62 EPDM O-Rings
D78,74X5,34 EPDM O-Rings

Heavy / Light wear kit ZN612 - ZN660 50/60HZN No High Head (D)
For Stage

New ZN6 612	
8-15	
18	
22	
22	
28	
35	
39	

50/60
60
50
60
50/60
50
50
50

New ZN6 616	
8-15	
18	
22	
22	
28	
35	
36	

End n. 1 bearing / 50
End n. 2 bearing / 60
End n. 2 bearing / 50
End n. 3 bearing / 50

new ZN6 622	
9	
11	
13	
18	
19	
22	
23	
28	
33	

50/60
60
50
50
60
50
60
50
50

new ZN6 631	
9	
11	
13	
18	
19	
22	
28	
29	

End n. 1 bearing / 60
End n. 1 bearing / 50
End n. 2 bearing / 60
End n. 2 bearing / 50
End n. 3 bearing / 60
End n. 3 bearing / 60

New ZN6 646	
5	
7	
9	
12	
15	
16	
21	
25	

50/60
60
50
60
50
60
50
50

New ZN6 660	
5	
7	
9	
12	
15	
16	
21	

End n. 1 bearing / 60
End n. 1 bearing / 50
End n. 2 bearing / 60
End n. 2 bearing / 50
End n. 3 bearing / 60
End n. 3 bearing / 50
End n. 4 bearing / 50

xylem

