

# Estudios y Servicios Técnicos Industriales, S.L. ( ESTISA )

Pol. Indl. El Pino  
C/ Pino Silvestre, 17  
Sevilla 41016, Andalucía  
Spain  
Phone : +34 954 999 469  
Fax : +34 954 998 173

## General information

<b>Date established</b>	1984
<b>Number of employees (total in the company)</b>	8
<b>Legal Form</b>	Sociedad Limitada
<b>Company type</b>	Headquarters
<b>CIF</b>	B41128232
<b>PO Box Address</b>	APDO 13258, 41080 Sevilla
<b>Turnover</b>	900 000 EUR

## Board of Directors and Executives

### Executives

Gerente / Senior Management : Mrs. Estíbaliz Rentería  
Responsable Comercial y Técnico / Sales Manager : Mr. Marceliano Esquiliche  
Resp de Control de Calidad : Mr. Alfonso Cruz

## Products & services

### Actividad

**Spanish**

Certificado de Calidad:  
ISO 9001: SINCRON, ROQUET, NOCADO  
ISO 9001: BELGICAST  
ISO 9001: 2000 Propio  
ISO 9001: BRANDONI  
COMERCIO Y REPRESENTACIÓN  
Válvulas de mariposa, retención, esfera y compuerta en hierro, bronce o acero inoxidable  
Compensadores de dilatación, manguitos, filtros, ventosas, carretes telescópicos e instrumentación  
Componentes oleohidráulicos: distribuidores, bombas, electroválvulas, cilindros y centrales  
Automatización de puertas: actuadores, barreras, mandos a distancia, cerraduras, electrónica  
Reductores, variadores de velocidad y acoplamientos  
Tubería y accesorios para la industria alimentaria en acero inoxidable  
Sistemas de pulverización aerográficos y airless.  
Agitación y mezcla en línea. Agitadores y mezcladores

## Trade names

<b>ACUAFLOW</b>	<b>Distributor</b>
<b>BELGICAST</b>	<b>Distributor</b>
<b>BRANDONI</b>	<b>Distributor</b>
<b>GOLD</b>	<b>Distributor</b>
<b>HIDRODOMESTICS</b>	
<b>HY-DOM</b>	<b>Distributor</b>
<b>MORSE</b>	<b>Distributor / Importer</b>
<b>NOCADO</b>	<b>Distributor</b>
<b>ROQUET</b>	<b>Distributor</b>
<b>SINCRON</b>	<b>Distributor</b>
<b>TELEFLEX MORSE</b>	<b>Distributor</b>
<b>TELEFLEX MORSE (KONGSBERG)</b>	<b>Distributor</b>
<b>VAK KIMSA</b>	<b>Distributor</b>

## Kompass categories

**P** Producer - **D** Distributor - **S** Service provider - **E** Export - **I** Import

## Key products and services

# Estudios y Servicios Técnicos Industriales, S.L. ( ESTISA )

Code	Kompass code description
<b>36060</b>	<b>Valves, cocks, taps and fittings, metal</b>
3606001	D Valves, cast iron
3606002	D Valves, cast iron alloy
3606003	D Valves, cast steel and cast steel alloy
3606004	D Valves, stainless steel
3606005	D Valves, forged steel
3606007	D Valves, aluminium
3606008	D Valves, bronze
3606009	D Valves, brass
3606010	D Valves, copper alloy
3606011	D Valves, cast titanium
3606013	D Valves, non-ferrous nickel alloys
3606015	D Valves, metal, plastic lined
3606016	D Valves, lead and lead lined
3606020	D Valves, metal, corrosion resistant
3606021	D Valves, metal, high temperature
3606022	D Valves, metal, sub-zero temperature
3606023	D Valves, metal, cryogenic
3606026	D Valves, metal, ball
3606027	D Valves, metal, plug
3606028	D Valves, metal, blow-off
3606029	D Valves, metal, rotary
3606030	D Valves, metal, butterfly
3606031	D Valves, metal, stop
3606033	D Valves, metal, pressure reducing
3606034	D Valves, metal, pressure regulating
3606035	D Valves, metal, check/non-return
3606036	D Valves, metal, mixing
3606037	D Valves, metal, diaphragm
3606038	D Valves, metal, gate
3606039	D Valves, metal, penstock
3606040	D Valves, metal, globe
3606041	D Valves, metal, slide
3606042	D Valves, metal, thermostatic
3606043	D Valves, metal, pinch
3606044	D Valves, metal, float
3606045	D Valves, metal, dashpot
3606046	D Valves, metal, reflux
3606047	D Valves, metal, needle
3606048	D Valves, metal, clack/flap
3606049	D Valves, metal, wafer
3606050	D Valves, metal, bolt-on bonnet
3606051	D Valves, metal, screw-in bonnet
3606052	D Valves, metal, non-rising spindle
3606053	D Valves, metal, rising spindle
3606054	D Valves, metal, piston

## Other products and services

Code	Kompass code description
<b>29340</b>	<b>Rubber tubes and flexible hoses</b>
2934001	D Hoses, rubber-natural fibres
2934002	D Hoses, rubber and man-made fibres
2934003	D Hoses, rubber-mineral fibre
2934005	D Hoses, rubber-fabric
2934006	D Hoses, rubber-paper
2934007	D Hoses, rubber-wood fibre based
2934008	D Hoses, composite, rubber coated
2934012	D Hoses, elastomer
2934013	D Hoses, silicone rubber
2934018	D Hoses, rubber, extruded
2934019	D Hoses, rubber, moulded
2934022	D Hoses, rubber, lined
2934023	D Hoses, rubber, sheathed
2934024	D Hoses, rubber, coated
2934025	D Hoses, rubber, reinforced
2934026	D Hoses, rubber, suction
2934030	D Hoses, rubber, heat or fire resistant
2934031	D Hoses, rubber, high pressure
2934032	D Hoses, rubber, hydraulic

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2934033	D	Hoses, rubber, extensible
2934034	D	Hoses, rubber, insulating
2934037	D	Hoses and tubing, rubber, spiral
2934040	D	Hoses, rubber, for sea water
2934041	D	Hoses, rubber, for hot water
2934042	D	Hoses, rubber, for gases
2934043	D	Hoses, rubber, for liquid gases
2934045	D	Hoses, rubber, for steam
2934046	D	Hoses, rubber, for compressed air
2934048	D	Hoses, rubber, for oils
2934049	D	Hoses, rubber, for paint
2934050	D	Hoses, rubber, for chemicals
2934051	D	Hoses, rubber, for cement and concrete
2934052	D	Hoses, rubber, for petrol pumps
2934053	D	Hoses, rubber, for bitumen sprinklers
2934055	D	Hoses, rubber-other materials, to customer specification
2934101	D	Hoses, rubber, for irrigation
2934102	D	Hoses, rubber, for drainage
2934103	D	Hoses, rubber, for gardening and agricultural use
2934105	D	Hoses, rubber, for milking machines
2934108	D	Hoses, rubber, for sand and gravel extraction
2934109	D	Hoses, rubber, for pumps
2934115	D	Hoses, rubber, for aircraft
2934116	D	Hoses, rubber, for breathing apparatus
2934120	D	Hoses, rubber, for ventilation and air conditioning
2934130	D	Hoses, rubber, for the food and beverage industry
2934131	D	Hoses, rubber, for the motor vehicle industry
2934132	D	Hoses, rubber, for the refrigeration industry
2934135	D	Hoses, rubber, for industrial machinery
2934149	D	Vacuum tubes, rubber
2934150	D	Valve tubing, rubber
2934152	D	Ducts and conduits, rubber

## **29360 Rubber products for industrial use**

2936026	D	Sleeves, rubber
2936031	D	Joining materials, rubber and synthetic rubber based
2936038	D	Couplings, rubber, flexible
2936039	D	Expansion joints, rubber

## **34500 Iron castings**

3450001	D	Iron castings, continuous casting process
3450002	D	Iron castings, centrifugal
3450003	D	Iron castings, permanent mould
3450004	D	Iron castings, investment moulded
3450005	D	Iron castings, sand moulded
3450006	D	Iron castings, sweep moulded
3450007	D	Iron castings, ceramically moulded
3450009	D	Iron castings, shell moulded
3450010	D	Iron castings, flaskless process
3450011	D	Iron castings, vacuum moulded (V-process)
3450013	D	Iron die-castings
3450014	D	Iron castings, handmade
3450015	D	Iron castings, machine-made
3450016	D	Iron castings, precision
3450017	D	Iron castings, hardened
3450018	D	Iron castings, austenitic, non-magnetic
3450019	D	Iron castings, austenitic, stainless
3450020	D	Iron castings, grey
3450021	D	Iron castings, meehanite
3450022	D	Iron castings, manganese
3450023	D	Iron castings, malleable
3450024	D	Iron castings, ductile/spheroidal graphite
3450027	D	Iron castings, special irons
3450028	D	Iron castings, Ni-resist
3450029	D	Iron castings, Ni-hard
3450030	D	Iron castings, white
3450035	D	Iron castings, annealed
3450036	D	Iron castings, enamelled
3450037	D	Iron castings, heat resistant
3450038	D	Iron castings, acid resistant
3450039	D	Iron castings, wear resistant
3450040	D	Iron castings, abrasion resistant

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3450041	D	Iron castings, high pressure resistant
3450042	D	Iron castings, corrosion resistant
3450043	D	Iron castings, artistic and ornamental
3450044	D	Iron castings, heavy duty
3450051	D	Iron castings, centrifugal, to customer specification
3450052	D	Iron castings, grey, to customer specification
3450053	D	Iron castings, ductile/spheroidal graphite, to customer specification
3450054	D	Iron castings, annealed, to customer specification
3450055	D	Iron castings to customer specification
3450101	D	Iron castings for incinerators
3450102	D	Iron castings for boilers and radiators
3450103	D	Iron castings for pumps and compressors
3450104	D	Iron castings for taps, cocks and valves
3450105	D	Iron castings for glassware moulds
3450106	D	Iron castings for ingot moulds
3450107	D	Iron castings for textile machinery
3450108	D	Iron castings for machine parts
3450109	D	Iron castings for packaging machinery
3450110	D	Iron castings for machine tools
3450111	D	Iron castings for domestic appliances
3450112	D	Iron castings for cookware
3450115	D	Iron castings for public works, municipal
3450116	D	Iron castings for the building industry
3450117	D	Iron castings for the motor vehicle industry
3450118	D	Iron castings for the chemical industry
3450119	D	Iron castings for the mining industry
3450120	D	Iron castings for the hand tools industry
3450121	D	Iron castings for the electrical industry
3450122	D	Iron castings for the hydraulics industry
3450123	D	Iron castings for the food and catering industries
3450124	D	Iron castings for the nuclear industry
3450127	D	Iron castings for materials handling equipment
3450128	D	Iron castings for agricultural equipment
3450129	D	Iron castings for hardware, ironmongery
3450130	D	Iron castings for aluminium smelting works
3450131	D	Iron castings, engine cylinder
3450132	D	Iron castings, railway
3450133	D	Iron castings, marine engineering
3450138	D	Cast iron bars
3450139	D	Cast iron lamp-posts
3450140	D	Cast iron litter bins
3450141	D	Cast iron products, enamelled
3450142	D	Cast iron segments for tunnels or shafts
3450143	D	Cast iron columns, bases and capitals
3450150	D	Iron castings, cylindrical, for rollers
3450152	D	Iron foundries with machine shops
3450153	D	Iron foundries with pattern shops
3450154	D	Iron foundries with X-ray inspection facilities

## **34520 Steel castings**

3452001	D	Steel castings, carbon
3452002	D	Steel castings, chromium-nickel
3452003	D	Steel castings, chromium molybdenum
3452004	D	Steel castings, ferritic
3452005	D	Steel castings, high boron content
3452006	D	Steel castings, manganese
3452007	D	Steel castings, non-magnetic, austenitic
3452008	D	Stainless steel castings
3452009	D	Tool steel castings
3452010	D	Steel castings, investment moulded
3452011	D	Steel castings, shell moulded
3452012	D	Steel castings, machine moulded, repetition
3452013	D	Steel castings, centrifugal
3452014	D	Steel die-castings
3452015	D	Steel castings, vacuum formed
3452016	D	Steel castings, abrasion resistant
3452017	D	Steel castings, heat resistant
3452018	D	Steel castings, corrosion resistant
3452019	D	Steel castings, wear resistant
3452020	D	Steel castings, alloyed, high temperature resistant
3452021	D	Steel castings, high magnetic permeability
3452022	D	Steel castings, high temperature, creep resistant

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3452023	D	Steel castings, case hardening quality
3452024	D	Steel castings, alloyed, for welding applications
3452025	D	Steel castings, precision
3452026	D	Steel castings, magnet
3452028	D	Steel castings for valves
3452029	D	Steel castings for the paper industry
3452030	D	Steel castings for the engineering industry
3452031	D	Steel castings for locomotives and the railway industry
3452032	D	Steel castings for the aerospace industry
3452033	D	Steel castings for the motor vehicle industry
3452034	D	Steel castings for the road transport industry
3452035	D	Steel castings for the shipbuilding industry
3452036	D	Steel castings for the oil industry
3452037	D	Steel castings for the electrical industry
3452038	D	Steel castings for the nuclear power industry
3452039	D	Steel castings for the chemical industry
3452040	D	Steel castings for mine haulage
3452041	D	Steel castings, alloyed, for structural use
3452042	D	Steel castings, surgical implant blanks
3452043	D	Steel castings, stainless, for the food industry
3452045	D	Steel foundries with heat treatment facilities
3452046	D	Steel foundries with machine shops
3452047	D	Steel foundries with non-destructive test (NDT) facilities
3452048	D	Steel foundries with pattern shops
3452051	D	Steel castings, machined to customer specification
3452052	D	Steel castings, precision, lost wax process, to customer specification
3452053	D	Steel castings, centrifugal, to customer specification
3452054	D	Steel and alloyed steel castings to aircraft specifications
3452055	D	Steel castings to customer specification

## **35120 Barriers, grilles, railings, fences and gates, metal**

3512001	D	Barriers, drop arm, metal
3512002	D	Road barriers, automatic, metal
3512003	D	Barriers, pedestrian guard rail, metal
3512004	D	Barriers, crowd control, metal
3512009	D	Access and security barrier systems, metal
3512010	D	Security barriers, metal, rising step/curb
3512011	D	Barriers, metal, warning, flashing
3512012	D	Barriers, steel, industrial
3512050	D	Gates, mechanically or electrically operated, metal
3512120	D	Drain covers and gratings, metal

## **35560 Filters and strainers, metal**

3556003	D	Filters, ferrous metals
3556004	D	Filters, non-ferrous metals
3556006	D	Filters, wire mesh and wire gauze
3556007	D	Filter elements, wire gauze
3556009	D	Sieves and screens, wire
3556015	D	Filters, metal, for domestic pumps
3556016	D	Filters, metal, for domestic extractors
3556020	D	Filters, metal, for industrial machinery lubricating and cooling fluids
3556053	D	Filters, metal, cooking fat
3556055	D	Filters, mechanical, perforated metal, mesh or gauze, to customer specification

## **35860 Couplings, clutches and brakes for industrial use**

3586001	D	Shaft couplings, rigid
3586002	D	Shaft couplings, semi-flexible
3586003	D	Shaft couplings, flexible
3586005	D	Shaft couplings, hydraulic
3586006	D	Shaft couplings, centrifugal
3586007	D	Shaft couplings, slipping
3586008	D	Shaft couplings, self-aligning
3586009	D	Shaft couplings, bellows, vacuum
3586010	D	Shaft couplings, chain type
3586011	D	Shaft couplings, screw
3586012	D	Shaft couplings, geared or tooth type
3586013	D	Shaft couplings, disc type
3586014	D	Shaft couplings, shear pin type
3586020	D	Shaft couplings, torque limiting
3586021	D	Shaft couplings, free wheel
3586024	D	Shaft couplings, universal joint/cardan joint, ball type

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3586025	D	Shaft couplings, universal joint/cardan joint, constant velocity
3586026	D	Shaft couplings, universal joint/cardan joint, cross type, for shafts
3586027	D	Shaft couplings, universal joint/cardan joint, flexible ring type
3586028	D	Shaft couplings, universal joint/cardan joint, ring type
3586029	D	Shaft couplings, universal joint/cardan joint, rubber or fabric
3586031	D	Shaft couplings, angle
3586033	D	Shaft couplings, composite shaft
3586040	D	Couplings, hydraulic, rotary
3586041	D	Couplings, hydraulic, automatic
3586042	D	Couplings, hydraulic, variable torque
3586043	D	Couplings, hydraulic, variable speed
3586044	D	Couplings, mechanical, gear
3586055	D	Shaft couplings to customer specification

## **35880 Gears**

3588015	D	Gears, bevel
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## **35900 Variable speed equipment for industrial power transmission**

3590001	D	Torque limiters, electronic
3590002	D	Torque limiters, pneumatic
3590003	D	Torque limiters, hydraulic
3590004	D	Torque limiters, magnetic
3590006	D	Torque converters, mechanical
3590007	D	Torque converters, hydraulic
3590010	D	Reduction gears, industrial
3590011	D	Reduction units, industrial, variable speed
3590013	D	Transmissions, industrial, variable speed, mechanical
3590015	D	Transmissions, industrial, pneumatic
3590020	D	Overgears, industrial, for power transmissions
3590021	D	Gearboxes, industrial, reversing
3590052	D	Geared motors
3590054	D	Geared motors, variable speed

## **36010 Pipes and tubes, ferrous metals**

3601008	D	Pipes and tubes, stainless steel
3601116	D	Tubing, stainless steel
3601117	D	Tubing, stainless steel, seamless
3601140	D	Flues and ducts, ferrous metals
3601143	D	Ducts, ferrous, thermally insulated
3601146	D	Ducting, steel to mineral fibre bonded, fire resistant
3601210	D	Pipes and tubes, steel, for gas, water and steam
3601233	D	Tubes, steel, for the chemical industry

## **36040 Pipe, tube and hose fittings and joints, metal**

3604007	D	Pipe, tube and hose fittings, stainless steel
3604026	D	Pipe, tube and hose couplings and joints, stainless steel
3604048	D	Pipe, tube and hose couplings, metal, for steam
3604050	D	Tube fittings, metal, high temperature
3604051	D	Hose fittings and couplings, metal, high pressure
3604052	D	Pipe fittings, metal, high vacuum
3604053	D	Pipe and tube fittings, metal, high pressure
3604055	D	Hose and pipe couplings and joints, quick acting, metal
3604104	D	Pipe joints, hydraulic, metal
3604110	D	Hose couplings, flat and cone type, metal
3604112	D	Pipe couplings, metal, socket welded
3604113	D	Hose couplings, self-sealing, metal
3604114	D	Pipe couplings, heat-shrinkable metal
3604116	D	Pipe couplings, grip, metal
3604120	D	Pipe flanges, cast iron
3604121	D	Pipe flanges, steel
3604122	D	Pipe flanges, carbon steel
3604123	D	Pipe flanges, stainless steel
3604124	D	Pipe flanges, aluminium or aluminium alloy
3604125	D	Pipe flanges, copper and copper alloy
3604126	D	Pipe flanges, bronze
3604127	D	Pipe flanges, nickel alloy
3604128	D	Pipe flanges, duplex alloy
3604130	D	Pipe flanges, forged
3604132	D	Pipe flanges, metal, flat and vee
3604133	D	Pipe flanges, metal, angled and shaped
3604134	D	Pipe flanges, metal, spectacle
3604135	D	Pipe flanges, metal, socket welded
3604137	D	Pipe flanges, ferrous, metric

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3604140	D	Spacers, removable, for pipelines
3604141	D	Swaged nipples, carbon steel
3604142	D	Swaged nipples, stainless steel
3604144	D	Pipe joints, expansion, metal
3604145	D	Pipe joints, expansion, bellows type, metal
3604150	D	Pipe and hose couplings, metal, threaded
3604151	D	Hose and pipe elbows, metal
3604152	D	Hose and pipe elbows, metal, toggle
3604153	D	Hose and tube bends and tees, metal
3604154	D	Hose bends, Y-branches, metal
3604201	D	Pipe bends, metal
3604206	D	Pipe bends, expansion, metal
3604207	D	Pipe and hose nipples, metal
3604208	D	Overflow bends and outlets, metal
3604209	D	Hose clips, stainless steel
3604210	D	Hose clips, flat spring steel
3604212	D	Hose clips, universal, metal
3604213	D	Hose clips, worm drive, metal
3604214	D	Hose clips, wing screw, metal
3604221	D	Blanks/blinds (spectacle) for pipes
3604224	D	Clamps, metal, band
3604225	D	Pipe clamps, modular, metal
3604226	D	Pipe clamps, metal, interference protected
3604227	D	Pipe clamps, hydraulic, metal
3604228	D	Clamps, metal, pipe or tube repair
3604231	D	Ferrules, metal, high pressure, hose and pipe
3604237	D	Pipe plugs, high tensile steel
3604238	D	Orifice flanges and fittings, metal
3604240	D	Hose and pipe traps, metal
3604241	D	Condensate traps, metal
3604242	D	Steam traps for pipelines
3604246	D	Pipe drains, metal
3604247	D	Flange adaptors, metal, for valves and cocks
3604250	D	Pipe and hose fittings, metal, for air
3604253	D	Tube fittings, metal, for refrigeration
3604254	D	Pipe fittings and accessories, metal, for corrosive liquids
3604308	D	Couplings, metal, for watering hoses
3604312	D	Suction strainers, metal, for hoses
3604315	D	Nozzles, metal, for pipes and hoses
3604317	D	Nozzles, metal, for pneumatic tools
3604323	D	Hose reels
3604325	D	Pipeline fittings, metal
3604326	D	Pipeline fittings, stainless steel
3604327	D	Pipeline fittings and flanges, forged steel
3604333	D	Expansion joints, telescopic, for pipework systems
3604334	D	Hydraulic hose and tube fittings, metal
3604350	D	Remote controls, mechanical, for valves

## **36060 Valves, cocks, taps and fittings, metal**

3606103	D	Valves, metal, directional control
3606104	D	Valves, metal, bypass
3606105	D	Valves, metal, bottom outlet
3606106	D	Valves, metal, jacketed
3606107	D	Valves, metal, snifter
3606108	D	Valves, metal, double seat
3606109	D	Valves, bar stock
3606110	D	Valves, metal, with non-metallic seats and linings
3606111	D	Valves, metal, routing and mix proof
3606112	D	Valves, metal, drain
3606115	D	Valves, metal, variable or proportional flow
3606116	D	Valves, metal, two-way
3606117	D	Valves, metal, three or four-way
3606118	D	Valves, metal, multiple-way
3606120	D	Valves, metal, flanged
3606121	D	Valves, metal, ball, delayed action
3606122	D	Valves, metal, ball, exhaust
3606123	D	Valves, metal, overflow
3606124	D	Valves, metal, butterfly, automatic
3606125	D	Valves, metal, angle stop and oblique
3606126	D	Valves, metal, stop, automatic
3606127	D	Valves, metal, flow control
3606130	D	Valves, metal, pressure regulating, automatic

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3606131	D	Valves, metal, pressure and vacuum relief (breather valves)
3606132	D	Valves, metal, pressure control
3606133	D	Valves, metal, metering
3606135	D	Valves, metal, check/non-return, angle
3606136	D	Valves, metal, check/non-return, swing or tilting disc
3606137	D	Valves, metal, check/non-return, plate type
3606138	D	Valves, metal, check/non-return, automatic
3606140	D	Valves, metal, safety, spring-loaded
3606141	D	Valves, metal, safety, weight-loaded and dead-weight
3606142	D	Valves, metal, gate, parallel slide
3606143	D	Valves, metal, gate, wedge
3606144	D	Valves, metal, thermostatic, expansion
3606145	D	Valves, metal, thermostatic, automatic
3606146	D	Valves, metal, float, automatic
3606147	D	Valves, metal, rationing, self-closing
3606148	D	Valves, metal, bellows seal
3606149	D	Valves, metal, diverter and converger
3606150	D	Valves, metal, proportional, electronic
3606201	D	Control valves, metal, ball
3606203	D	Control valves, metal, butterfly
3606204	D	Control valves, metal, needle
3606205	D	Control valves, metal, diaphragm
3606206	D	Control valves, metal, single port
3606207	D	Control valves, metal, double port
3606208	D	Control valves, metal, rotary port
3606209	D	Control valves, metal, high temperature
3606210	D	Control valves, metal, high pressure
3606211	D	Control valves, metal, for gas
3606212	D	Control valves, metal, for liquid fuels
3606213	D	Control valves, metal, for steam
3606214	D	Control valves, metal, for air
3606215	D	Control valves, metal, for slurries and abrasive liquids
3606217	D	Control valves, metal, to customer specification
3606218	D	Plug valves, metal, lubricated
3606219	D	Plug valves, metal, spherical
3606220	D	Plug valves, metal, taper
3606221	D	Plug cocks, angle
3606223	D	Valves, metal, sluice
3606224	D	Valves, metal, explosion barrier
3606225	D	Valves, metal, throttle
3606226	D	Valves, metal, manifold
3606227	D	Valves, metal, check/non-return, for gas
3606228	D	Valves, metal, changeover, for gas
3606231	D	Valves, metal, for liquefied gas
3606232	D	Valves, metal, gas pressure reducing
3606233	D	Valves, metal, gas pressure regulating
3606234	D	Valves, metal, for low pressure gases
3606235	D	Valves, metal, for high pressure gases
3606236	D	Valves, metal, for gas mains
3606237	D	Valves, metal, for gas bottles
3606238	D	Valves, metal, safety, for gas
3606239	D	Valves and fittings, metal, for gas appliances
3606240	D	Valves, metal, isolation, gas tight
3606241	D	Valves, metal, gas blanketing, for storage tanks
3606242	D	Valves, metal, for gas meters
3606246	D	Valves, metal, for water mains
3606247	D	Valves, metal, water pressure reducing
3606248	D	Valves, metal, for low pressure water
3606249	D	Valves, metal, for high pressure water
3606250	D	Valves, metal, water saving
3606251	D	Valves, metal, for water meters
3606252	D	Valves, metal, for water softeners
3606253	D	Valves, metal, filling, for water systems
3606254	D	Valves, metal, safety, for storage water heaters
3606301	D	Valves, metal, for solids
3606302	D	Valves, metal, for steam
3606303	D	Valves, metal, for steam distribution systems
3606304	D	Valves, metal, steam pressure reducing
3606305	D	Valves, metal, for low pressure steam
3606306	D	Valves, metal, for high pressure steam
3606307	D	Valves, metal, safety, for steam

# Estudios y Servicios Técnicos Industriales, S.L. ( ESTISA )

3606308	D	Valves, metal, safety, for pressure cookers
3606310	D	Valves, metal, for boilers
3606311	D	Valves, metal, rotary, for hydroelectric systems
3606312	D	Valves, metal, air pressure reducing
3606315	D	Valves, metal, for corrosive liquids
3606316	D	Valves, metal, for inflammable liquids
3606318	D	Valves, metal, sewage handling
3606320	D	Valves, metal, solenoid operated
3606321	D	Valves, metal, solenoid, explosion proof
3606322	D	Valves, metal, gear operated
3606323	D	Valves, metal, electronically operated
3606325	D	Valves, metal, gauge isolator
3606326	D	Valves, metal, for pumps
3606327	D	Valves, metal, drinking fountain
3606328	D	Valves, metal, temperature controlled, for showers
3606330	D	Valves, metal, flushing, for toilets
3606331	D	Valves, metal, sanitary
3606332	D	Valves, metal, domestic radiator
3606333	D	Valves, metal, for central heating systems
3606335	D	Valves, metal, for fire hydrants and standpipes
3606336	D	Valves, metal, fire extinguisher
3606337	D	Valves, metal, emergency shutdown, offshore applications
3606338	D	Valves, metal, for road and rail tankers
3606340	D	Valves, metal, for petroleum pipelines
3606341	D	Valves, metal, fire safe, for oil and gas installations
3606342	D	Valves, metal, motorised, for fire protection systems
3606343	D	Valves, metal, fire safe, for oil fuel systems
3606344	D	Valves, metal, pressure control, for freight containers
3606345	D	Valves, metal, for the motor vehicle industry
3606346	D	Valves, metal, for the food and beverage industry
3606347	D	Valves, metal, for the wine and cider industries
3606348	D	Valves, metal, for breweries
3606350	D	Valves, metal, for the dairy industry
3606351	D	Valves, metal, for the pharmaceutical industry
3606352	D	Valves, metal, for the chemical industry
3606353	D	Valves, metal, for laboratories
3606354	D	Valves, metal, for nuclear plant
3606406	D	Fittings, metal, compressed gas bottle
3606407	D	Filling connectors, metal, for refrigerants
3606410	D	Taps and cocks, cast iron
3606411	D	Taps and cocks, steel
3606412	D	Taps and cocks, stainless steel
3606422	D	Taps and cocks, metal, high temperature
3606425	D	Taps and cocks, metal, ball
3606426	D	Taps and cocks, metal, ball, automatic
3606428	D	Taps and cocks, globe
3606429	D	Cocks, metal, bypass
3606430	D	Bib-cocks, metal
3606432	D	Taps and cocks, metal, mixing
3606433	D	Taps and cocks, metal, mixing, thermostatic
3606435	D	Cocks, metal, draw-off
3606436	D	Stopcocks, metal
3606437	D	Plug cocks, metal, gauge
3606440	D	Taps and cocks, metal, drain
3606441	D	Taps and cocks, metal, quick acting
3606452	D	Taps and cocks, metal, for laboratories
3606501	D	Plug cocks, metal, for water
3606502	D	Plug cocks, metal, for gas
3606503	D	Plug cocks, metal, for gas mains
3606505	D	Plug cocks, metal, for corrosive liquids
3606509	D	Plug cocks, metal, automatic closing, for petroleum and inflammable liquids
3606510	D	Plug cocks, metal, heating plant
3606513	D	Cocks, metal, for highly viscous products
3606514	D	Cocks, metal, for gas cooking ranges and space heaters
3606515	D	Cocks, metal, for compressed gas piping
3606516	D	Cocks, metal, for gas bottles
3606520	D	Taps and cocks, metal, for the food and beverage industry
3606521	D	Taps and cocks, metal, for the wine and cider industries
3606522	D	Taps and cocks, metal, for breweries
3606523	D	Taps and cocks, metal, for the dairy industry

# Estudios y Servicios Técnicos Industriales, S.L. ( ESTISA )

3606524	D	Taps and cocks, metal, for the chemical industry
3606530	D	Cocks, metal, for pumps
3606535	D	Valve components, metal
3606538	D	Balls, metal, for cocks and valves
3606539	D	Valve discs, metal
3606541	D	Floats, ball valve, metal
3606542	D	Tap top conversion kits, metal
3606543	D	Shower mixer units, stainless steel, for existing tap fittings
3606545	D	Taps and cocks, metal, period
3606546	D	Taps and fittings for bars
3606547	D	Taps and fittings, metal, lever control
3606548	D	Valve fittings, stainless steel
3606550	D	Handwheels, metal, for valves and cocks
3606551	D	Surge suppression equipment, metal, for water mains

## **36080**      **Jointings, packings and gaskets, metal**

3608001	D	Packings, seals and gaskets, metal
3608002	D	Gaskets, metalloplastic
3608004	D	Packing rings, metal and metal bonded materials
3608005	D	Packing rings, flax and metal
3608007	D	Oil packings, metal
3608010	D	Jointing materials, metal
3608015	D	Packings, seals and gaskets, hydraulic, metal
3608016	D	Seals, pneumatic, metal
3608018	D	Jointing materials, metal, high pressure
3608019	D	Packings, metal, low pressure
3608020	D	Seals, flexible, metal, high temperature
3608021	D	Jointing materials, metal, high temperature
3608022	D	Packings, metal, low temperature
3608023	D	Packings, seals and gaskets, metal, adjustable
3608024	D	Packings, metal, braided
3608025	D	Packings, seals and gaskets, metal, spiral moulded or wound
3608026	D	Packing rings, metal, rectangular section
3608027	D	Packing rings, metal, square section
3608028	D	Packing rings, metal, special section
3608029	D	Packings, seals and gaskets, metal, radial
3608030	D	Mechanical seals, metal, lip seal, spring loaded
3608031	D	Mechanical seals, metal, split ring
3608032	D	Mechanical seals, metal, axial
3608033	D	Packing rings, metal, Vee type
3608035	D	Mechanical seals, dry-gas type
3608036	D	Jointing materials, metal, chemical resistant
3608037	D	Seals, fire safe, metal-to-metal
3608038	D	Packings, stuffing box, metal
3608039	D	Gaskets, metal, cam profile
3608040	D	Gaskets, metal, spark plug
3608041	D	Gaskets, metal, for cryogenic applications
3608043	D	Seals, metal, shaft
3608045	D	Seals, metal, instrument
3608046	D	Seals, metal, wiper, for cylinders
3608047	D	Seals, metal, vapour-saving, for petrochemical storage tanks
3608048	D	Seals, metal, for bearings
3608050	D	Packings, metal, for high pressure steam
3608051	D	Jointing materials, metal, for steam and superheated steam
3608052	D	Jointing materials, metal, for water
3608054	D	Mechanical seals, metal, cartridge
3608055	D	Seals, dual mechanical, metal

## **36270**      **Screwdrivers, spanners and similar tools**

3627036	D	Torque multipliers
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## **36370**      **Lubricating and oil purification equipment**

3637037	D	Lubricating and oil filtration equipment, mobile
3637038	D	Filtration equipment, cooling oil and lubricating oil recovery
3637039	D	Filtration equipment, insulating oil recovery
3637040	D	Filtration equipment, grinding oil recovery
3637043	D	Hydraulic oil recovery and purification equipment
3637044	D	Lubricators and filters for pneumatic tools
3637045	D	Lubricators and filters for compressed air systems
3637048	D	Oil sight plugs, glass topped
3637050	D	Oil dehydration equipment
3637052	D	Oilers for agricultural machinery
3637054	D	Drainage and storage equipment, handpump type, for lubricating oils

# Estudios y Servicios Técnicos Industriales, S.L. ( ESTISA )

3637055 D Lubricating systems to customer specification

## **36440 Locksmiths' articles, safes and security installations**

3644015 D Locks, electronically operated

## **37030 Electric motors over 1 kW**

3703001 D Motors, AC, single phase, over 1 kW

3703002 D Motors, AC, single phase, repulsion, over 1 kW

3703003 D Motors, AC, two phase, over 1 kW

3703004 D Motors, AC, three phase, over 1 kW

3703005 D Motors, AC, variable speed, over 1 kW

3703006 D Motors, AC, linear, over 1 kW

3703007 D Motors, AC, medium voltage (MV), over 1 kW

3703008 D Motors, AC, brushless, over 1 kW

3703009 D Motors, AC, drip-proof, over 1 kW

3703014 D Motors, DC, over 1 kW

3703015 D Motors, DC, variable speed, over 1 kW

3703016 D Motors, DC, linear, over 1 kW

3703017 D Motors, DC, ultra-high speed, over 1 kW

3703020 D Motors, high frequency, over 1 kW

3703022 D Motors, synchronous, over 1 kW

3703023 D Motors, asynchronous, over 1 kW

3703025 D Motors, linear, stepping, over 1 kW

3703026 D Motors, linear, variable reluctance, over 1 kW

3703027 D Motors, linear direct drive, over 1 kW

3703029 D Motors, squirrel cage, over 1 kW

3703030 D Motors, self-braking, over 1 kW

3703031 D Motors, constant current, over 1 kW

3703032 D Motors, vertical, hollow shaft, over 1 kW

3703033 D Motors, vertical, solid shaft, over 1 kW

3703036 D Motors, soundproof, over 1 kW

3703037 D Motors, submersible, over 1 kW

3703038 D Motors, flameproof and explosion proof, over 1 kW

3703039 D Motors, high temperature resistant, over 1 kW

3703040 D Motors, external rotor, over 1 kW

3703041 D Motors, commutator, over 1 kW

3703042 D Motors, traction, over 1 kW

3703043 D Motors, marine, over 1 kW

3703044 D Motors, loom, over 1 kW

3703046 D Motors, over 1 kW, for lifts, elevators and mechanical handling equipment

3703047 D Motors, over 1 kW, for rolling mills

3703048 D Motors, over 1 kW, for the nuclear industry

3703049 D Motors, over 1 kW, for industrial sewing machines

3703050 D Motors, over 1 kW, with electronic regulation

3703051 D Servo-motors, AC and DC, over 1 kW

3703052 D Torque motors, over 1 kW

3703053 D Motors, AC, bell-ringing, over 1 kW

3703055 D Motors, over 1 kW, to customer specification

## **37040 Electric motors up to 1 kW**

3704001 D Motors, AC, single phase, up to 1 kW

3704002 D Motors, AC, single phase, repulsion, up to 1 kW

3704003 D Motors, AC, single phase, repulsion start induction, up to 1 kW

3704004 D Motors, AC, three phase, up to 1 kW

3704005 D Motors, AC, variable speed, up to 1 kW

3704006 D Motors, AC, linear, up to 1 kW

3704007 D Motors, AC, change pole, up to 1 kW

3704008 D Motors, AC, shaded pole, up to 1 kW

3704010 D Motors, DC, up to 1 kW

3704011 D Motors, DC, variable speed, up to 1 kW

3704012 D Motors, DC, linear, up to 1 kW

3704013 D Motors, DC, ultra-high speed, up to 1 kW

3704017 D Motors, squirrel cage, up to 1 kW

3704019 D Motors, high frequency, up to 1 kW

3704020 D Motors, fractional, up to 1 kW

3704021 D Motors, synchronous, up to 1 kW

3704022 D Motors, low inertia, up to 1 kW

3704024 D Motors, universal, up to 1 kW

3704025 D Motors, stepping, up to 1 kW

3704027 D Motors, battery operated, up to 1 kW

3704028 D Motors, miniature, up to 1 kW

3704029 D Motors, split phase, up to 1 kW

# Estudios y Servicios Técnicos Industriales, S.L. ( ESTISA )

3704030	D	Motors, capacitor and capacitor start, up to 1 kW
3704031	D	Motors, soundproof, up to 1 kW
3704032	D	Motors, submersible, up to 1 kW
3704033	D	Motors, flameproof and explosion proof, up to 1 kW
3704034	D	Motors, high temperature resistant, up to 1 kW
3704035	D	Motors, clutch-incorporated, up to 1 kW
3704036	D	Motors, brushless, up to 1 kW
3704037	D	Servo-motors, AC and DC, up to 1 kW
3704040	D	Motors, tuning control, up to 1 kW
3704041	D	Motors, printed circuit, up to 1 kW
3704042	D	Motors, sewing machine, up to 1 kW
3704043	D	Motors, record player or tape recorder
3704044	D	Motors, spin-drier, up to 1 kW
3704045	D	Motors, curtain operating, domestic, up to 1 kW
3704046	D	Motors, furniture height adjustment, up to 1 kW
3704047	D	Motors, awning, blind, and shutter operating, up to 1 kW
3704048	D	Motors for vibrators, up to 1 kW
3704050	D	Motors, up to 1 kW, for lifts, elevators and mechanical handling equipment
3704051	D	Motors, up to 1 kW, for fans and ventilators
3704052	D	Motors, up to 1 kW, for instruments
3704053	D	Motors, up to 1 kW, for washing machines
3704054	D	Motors, up to 1 kW, for air conditioners
3704055	D	Motors, up to 1 kW, to customer specification

## **37190 Electric controllers, starters and regulators**

3719001	D	Controllers, electric, hand operated
3719002	D	Controllers, electric, automatic
3719003	D	Controllers, electric, cam operated
3719018	D	Controllers, AC motors, speed
3719019	D	Controllers, DC motors, speed
3719021	D	Controllers, electric, active power
3719022	D	Controllers, electric, maximum demand
3719023	D	Controllers, motion, electronic
3719024	D	Controllers, electronic couple, industrial
3719030	D	Starters, star-delta
3719031	D	Starters, resistance
3719032	D	Starters, change pole
3719035	D	Starters, contactor, AC
3719036	D	Starters, contactor, DC
3719038	D	Starters, automatic, time element
3719039	D	Starters, isolator or combination
3719040	D	Starters, variable inductance
3719041	D	Starters, energy saving
3719043	D	Starters, rotor
3719044	D	Starters, stator
3719046	D	Starters, weatherproof
3719047	D	Starters, flameproof
3719048	D	Starters, explosion proof
3719052	D	Starters-reversers
3719102	D	Regulators, variable frequency
3719103	D	Regulators, variable voltage
3719137	D	Controllers, electric, engine start and management
3719140	D	Starters to customer specification
3719155	D	Controllers, electric, to customer specification

## **37500 Automation systems and servomechanisms**

3750019	D	Servo-controls for automation applications
3750030	D	Automation systems and servomechanisms for the transport industry
3750031	D	Automation systems and servomechanisms for agricultural applications
3750032	D	Automation systems and servomechanisms for the food and beverage industry
3750033	D	Automation systems and servomechanisms for the chemical industry
3750034	D	Automation systems and servomechanisms for the pharmaceutical and cosmetic industries
3750035	D	Automation systems and servomechanisms for laboratories
3750036	D	Automation systems and servomechanisms for the textile industry
3750037	D	Automation systems and servomechanisms for the footwear industry
3750038	D	Automation systems and servomechanisms for the paper industry
3750039	D	Automation systems and servomechanisms for the printing industry
3750040	D	Automation systems and servomechanisms for mining
3750041	D	Automation systems and servomechanisms for quarrying

# Estudios y Servicios Técnicos Industriales, S.L. ( ESTISA )

3750042	D	Automation systems and servomechanisms for goods handling
3750043	D	Automation systems and servomechanisms for machine tools
3750044	D	Automation systems and servomechanisms for foundries and rolling mills
3750045	D	Automation systems and servomechanisms for metal pressing lines
3750046	D	Automation systems and servomechanisms for buildings
3750047	D	Automation systems and servomechanisms for the nuclear industry
3750048	D	Automation systems and servomechanisms for power stations
3750055	D	Automation systems to customer specification

## **38220 Hydraulic and thermal test equipment**

3822002	D	Testing and monitoring units for hydraulic systems
3822003	D	Test equipment, hydraulic pulse
3822005	D	Hydraulic test units for hydraulic pumps

## **38680 Mechanical measuring and controlling instruments for pressure. Manometers**

3868023	D	Pressure transmitters, programmable
3868025	D	Indicators, pressure
3868026	D	Recorders, pressure
3868027	D	Controllers, pressure
3868029	D	Pressure regulators, manual
3868030	D	Pressure regulators, electronic
3868031	D	Pressure regulators and reducers, gas
3868033	D	Pressure regulators and reducers, liquids
3868034	D	Pressure regulators, diaphragm operated
3868036	D	Gauges, vacuum
3868037	D	Gauges, ionisation/vacuum ionisation
3868038	D	Gauges, compound, pressure and vacuum
3868039	D	Gauges, differential pressure
3868040	D	Gauges, positive pressure
3868041	D	Gauges, absolute pressure
3868042	D	Gauges, pressure, indicating and recording
3868043	D	Gauges, pressure, precision
3868045	D	Gauges, pressure, electric and electronic
3868046	D	Gauges, pressure, illuminated, alarm
3868048	D	Gauges, pressure gauge calibrating
3868050	D	Manometers, inclined
3868051	D	Manometers, single column
3868052	D	Manometers, U-tube, two column and two liquid types
3868053	D	Manometers, multi-tube
3868054	D	Manometers, portable
3868055	D	Micro-manometers
3868105	D	Pressure testing equipment
3868107	D	Gas or oxygen depletion sensors
3868110	D	Monitoring systems, pressure
3868112	D	Pressure standards, dead-weight
3868118	D	Pressure gauge tubes
3868119	D	Pressure dampers for pressure gauges
3868121	D	Gauge pressure and vacuum alarms
3868122	D	Pressure gauge protection devices
3868124	D	Pressure gauges for bottled gases
3868125	D	Pressure gauges for refrigerating fluids
3868126	D	Pressure gauges for polymers
3868128	D	Pressure switches, refrigeration plant
3868130	D	Gas pressure adjusting systems, gas production plant
3868131	D	Pressure gauges, precision, for laboratories and the chemical industry
3868135	D	Pressure regulators for food industry equipment

## **38790 Flow measuring and control equipment**

3879009	D	Flow meters, turbine type
3879010	D	Flow meters, ball type
3879011	D	Flow meters, float type
3879012	D	Flow meters, nozzle type
3879013	D	Flow meters, bypass
3879015	D	Flow meters, integrating
3879016	D	Flow meters, positive displacement
3879017	D	Flow meters, convertible range
3879019	D	Flow meters, averaging
3879020	D	Flow meters, differential pressure
3879021	D	Flow meters, variable area
3879023	D	Flow meters, open channel
3879024	D	Flow meters, closed channel
3879025	D	Flow meters, laminar flow

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3879026	D	Flow meters, piston flow
3879028	D	Flow meters, axial flow and inferential flow
3879029	D	Flow meters, temperature or pressure compensating
3879030	D	Flow meters, vortex velocity
3879034	D	Flow meters, remote reading
3879035	D	Flow meters, portable
3879041	D	Flow switches, flow alarm initiators and differential pressure switches
3879042	D	Flow recorders
3879045	D	Flow controllers, electric and electronic
3879046	D	Flow controllers, pneumatic
3879047	D	Flow controllers, self-operating
3879050	D	Flow controllers, visual
3879052	D	Dampers, flow control
3879053	D	Flow indicators
3879103	D	Feed water regulators, automatic
3879104	D	Gas flow regulators
3879108	D	Water meters
3879113	D	Flow meters for cold fluids
3879114	D	Flow meters for hot fluids
3879115	D	Flow meters for oils and viscous liquids
3879116	D	Flow meters for corrosive fluids
3879118	D	Flow meters for powders and bulk solids
3879119	D	Flow meters for liquid fuels
3879122	D	Flow meters for high pressures
3879142	D	Flow control systems, open channel

## **39730 Aircraft engines and components**

3973046	D	Filters, air, oil and fuel, aircraft
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## **39790 Aircraft electrical equipment**

3979034	D	Solenoids and solenoid switches, aircraft
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## **39810 Aircraft control and navigational equipment**

3981111	D	Pressure gauges and components, aircraft
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## **39890 Electrical signalling and safety equipment for railways and tramways**

3989016	D	Barriers, level crossing, non-electric
3989017	D	Barriers, level crossing, electric
3989019	D	Control and protection systems for level crossing barriers
3989052	D	Barrier door systems, railway platform

## **39900 Road traffic regulating and controlling equipment**

3990042	D	Guard rails, road and motorway
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## **39910 Service station equipment. Vehicle washing and parking area equipment**

3991021	D	Pumps, car wash
3991025	D	Vacuum cleaners for car washes, service areas and car parks
3991047	D	Car park barriers

## **40010 Water turbines and engines**

4001015	D	Waterfall lock gates
4001030	D	Motors, hydraulic (water engines)
4001054	D	Installation services for water turbines and engines

## **40110 Pumps classified by type**

4011036	D	Pumps, engine driven
4011040	D	Pumps, hydraulic, geared
4011042	D	Pumps, oil hydraulic
4011043	D	Pumps, variable displacement, oil hydraulic
4011044	D	Turbopumps (turbine driven pumps)
4011045	D	Pumps, centrifugal (rotodynamic)
4011046	D	Pumps, rotary
4011047	D	Pumps, semi-rotary
4011051	D	Pumps, variable delivery
4011102	D	Pumps, geared
4011103	D	Pumps, helical gear
4011104	D	Pumps, self-priming
4011106	D	Pumps, submersible
4011108	D	Pumps, reversible
4011109	D	Pumps, hand
4011110	D	Pumps, glandless
4011111	D	Pumps, canned motor and wet motor
4011112	D	Pumps, foot operated
4011113	D	Pumps, peristaltic

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4011115	D	Pumps, three-throw ram (triplex)
4011117	D	Pumps, horizontal shaft
4011118	D	Pumps, vertical shaft
4011119	D	Pumps, inclined shaft
4011121	D	Pumps, torque flow
4011122	D	Pumps, vane
4011123	D	Pumps, axial flow (propeller)
4011124	D	Pumps, mixed-flow
4011125	D	Pumps, diaphragm or disc
4011126	D	Pumps, jet
4011128	D	Pumps, unchokeable
4011129	D	Pumps, jacketed
4011130	D	Pumps, split casing
4011132	D	Pumps, barrel
4011135	D	Pumps, positive displacement
4011136	D	Pumps, venturi
4011138	D	Pumps, lobe
4011139	D	Pumps, water ring
4011141	D	Pumps, Pitot tube
4011142	D	Miniature pumps
4011144	D	Pumping sets, automatic
4011146	D	Pumping sets, direct-coupled
4011147	D	Pumping sets, portable
4011148	D	Pumping sets, close-coupled centrifugal
4011155	D	Pumps for liquids to customer specification

## **40120 Pumps classified by use**

4012005	D	Pumps, high temperature
4012006	D	Pumps, very high temperature
4012011	D	Pumps, proportioning
4012012	D	Pumps, metering
4012013	D	Pumps, controlled leakage
4012038	D	Pumps, hydraulic pressure test
4012108	D	Pumps, slurry
4012117	D	Pumps for hot liquids
4012118	D	Pumps for viscous products
4012127	D	Pumps, food industry
4012128	D	Pumps, liquid food
4012129	D	Pumps, sugar industry
4012130	D	Pumps, agricultural and horticultural use
4012134	D	Pumps, chemical and petrochemical industry
4012138	D	Pumps, brewery
4012139	D	Pumps, distillery
4012141	D	Pumps, wine production
4012142	D	Pumps, wine, cider and beer
4012143	D	Pumps, wine dispensing, retail trade
4012147	D	Pumps, portable toilet
4012148	D	Pumps, filter press feed
4012149	D	Pumps, hydraulic press feed

## **40250 Pneumatic tools and machines**

4025002	D	Rammers, pneumatic
4025009	D	Grinding and milling machines, pneumatic

## **40320 Pneumatic and hydro-pneumatic parts and accessories**

4032001	D	Valves, pneumatic, mechanically operated
4032002	D	Valves, pneumatic, pilot
4032003	D	Valves, pneumatically operated (compressed air operated)
4032005	D	Valves, pneumatic, needle
4032006	D	Valves, pneumatic, shut-off and stop
4032007	D	Valves, pneumatic, diaphragm
4032008	D	Valves, pneumatic, safety
4032009	D	Valves, pneumatic, manifold
4032010	D	Valves, pneumatic, poppet
4032011	D	Valves, pneumatic, discharge
4032012	D	Valves, pneumatic, sequence
4032013	D	Valves, pneumatic, blow
4032014	D	Valves, pneumatic, shuttle
4032015	D	Valves, pneumatic, quarter turn
4032016	D	Valves, pneumatic, three-way
4032017	D	Valves, pneumatic, check/non-return
4032018	D	Valves, pneumatic, control
4032019	D	Valves, pneumatic, control, electrically operated

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4032020	D	Valves, pneumatic, electromagnetically operated (solenoid)
4032021	D	Valves, pneumatic, pressure reducing and pressure regulating
4032022	D	Valves, pneumatic, pressure relief
4032023	D	Valves, pneumatic, vacuum relief
4032024	D	Valves, pneumatic, bypass
4032025	D	Valves, automatic, filter and drain, for compressed air equipment
4032027	D	Valves, vacuum and ultra-high vacuum
4032028	D	Valves, directional control, pneumatic
4032032	D	Filters for pneumatic systems
4032033	D	Filters, air compressor intake
4032038	D	Feed systems, pneumatic
4032039	D	Boosters, pneumatic pressure
4032042	D	Starters, pneumatic
4032043	D	Ejectors, pneumatic
4032044	D	Ejectors, vacuum
4032046	D	Servomechanisms, pneumatic
4032052	D	Overdrives for turbocompressors and turbo-blowers
4032054	D	Cocks, plug, high vacuum
<b>40340</b>		<b>Hydraulic and oil hydraulic equipment</b>
4034007	D	Rams, hydraulic
4034013	D	Door opening and closing mechanisms, hydraulic
4034015	D	Power packs, hydraulic
4034016	D	Braking systems, hydraulic
4034018	D	Valves, hydraulically operated
4034038	D	Hydraulic power systems, centralised control
4034040	D	Scissor tilting gear, electro-hydraulic
4034043	D	Oil hydraulic equipment, low pressure
4034045	D	Power packs, oil hydraulic
4034046	D	Power units, oil hydraulic
4034052	D	Motors, oil hydraulic
4034103	D	Servomechanisms, oil hydraulic
4034104	D	Tee and junction blocks, oil hydraulic
4034108	D	Oil hydraulic equipment for remote controls
4034109	D	Dashpots and dampers, oil hydraulic
4034111	D	Pressure distributors and accessories for hydraulic circuits
4034118	D	Hydraulic controls and equipment for agricultural machinery
4034125	D	Hydraulic controls and equipment for presses
4034154	D	Hydraulic automation systems, complete, to customer specification
4034155	D	Oil hydraulic equipment to customer specification
<b>40360</b>		<b>Hydraulic and oil hydraulic parts and accessories</b>
4036001	D	Valves, hydraulic, mechanically operated
4036002	D	Valves, hydraulic, motorised
4036003	D	Valves, water hydraulic, pilot
4036004	D	Valves, hydraulic, flow control
4036005	D	Valves, hydraulic, flow dividers
4036006	D	Valves, hydraulic, directional control
4036007	D	Valves, hydraulic, shut-off or stop
4036008	D	Valves, hydraulic, flow load sensing
4036009	D	Valves, hydraulic, sequence control
4036010	D	Valves, hydraulic, pressure control
4036011	D	Valves, hydraulic, pressure relief
4036012	D	Valves, water hydraulic, speed control
4036013	D	Valves, water hydraulic, check/non-return
4036014	D	Valves, water hydraulic, servo
4036015	D	Valves, water hydraulic, solenoid
4036016	D	Valves, water hydraulic, pre-fill
4036020	D	Valves, oil hydraulic, manually operated
4036021	D	Valves, oil hydraulic, mechanically operated
4036022	D	Valves, oil hydraulic, pilot
4036023	D	Valves, oil hydraulic, flow control
4036024	D	Valves, oil hydraulic, flow dividing
4036025	D	Valves, oil hydraulic, proportional and directional
4036026	D	Valves, oil hydraulic, shut-off or stop
4036027	D	Valves, oil hydraulic, sequence control
4036028	D	Valves, oil hydraulic, pressure control
4036030	D	Valves, oil hydraulic, relief
4036031	D	Valves, oil hydraulic, decompression
4036032	D	Valves, oil hydraulic, counterbalance
4036033	D	Valves, oil hydraulic, bypass
4036034	D	Valves, oil hydraulic, check/non-return

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4036035	D	Valves, oil hydraulic, needle
4036036	D	Valves, oil hydraulic, pre-fill
4036037	D	Valves, oil hydraulic, rotary
4036038	D	Valves, oil hydraulic, servo
4036039	D	Valves, oil hydraulic, solenoid
4036040	D	Valves, oil hydraulic, speed control
4036041	D	Valves, oil hydraulic, time delay
4036042	D	Valves, oil hydraulic, differential lock
4036043	D	Valves, oil hydraulic, piston or spool
4036044	D	Valves, oil hydraulic, multiple bank, manifold
4036046	D	Valves, oil hydraulic, decelerating, brake
4036047	D	Valves, oil hydraulic, cartridge
4036128	D	Filters for hydraulic equipment and circuits
4036129	D	Filters for oil hydraulic equipment and circuits
<b>41070</b>		<b>Irrigation and watering equipment</b>
4107040	D	Hydrants for irrigation systems
4107041	D	Filters, water, for irrigation systems
<b>41310</b>		<b>Sugar beet processing machinery and equipment, industrial</b>
4131028	P	Agitators-mixers, beet sugar processing
<b>41710</b>		<b>Dairy industry machinery and equipment</b>
4171011	D	Agitators for dairies
<b>41740</b>		<b>Cheese making machinery and equipment</b>
4174012	P	Cheese vat stirrers, mechanical
<b>41820</b>		<b>Distillery machinery and equipment</b>
4182016	D	Filters, distillery
<b>41840</b>		<b>Wine production plant and equipment</b>
4184014	D	Filter presses, wine production
4184030	D	Filters, wine production
<b>41860</b>		<b>Cider production plant and equipment</b>
4186009	D	Filters, cider production
<b>41880</b>		<b>Mineral water processing and carbonating plant and equipment</b>
4188004	D	Dosing equipment, automatic, mineral water production
4188005	D	Saturators, carbonated drink processing
4188009	D	Carbonating machinery, mineral water and carbonated drinks production
4188010	D	Carbon dioxide evaporators, carbonated drink processing
4188011	D	Dew point indicators, carbon dioxide, carbonated drink processing
4188012	D	Carbon dioxide filtration systems, carbonated drink processing
<b>41910</b>		<b>Brewery plant and equipment</b>
4191011	P	Agitators for fermentation vats, brewery
4191020	D	Filters, brewery
4191050	D	Yeast extracts plant
<b>41930</b>		<b>Vinegar, condiment and mustard making plant and equipment</b>
4193007	D	Filters, vinegar making
4193010	D	Stirrers and mixers, vinegar making
4193011	D	Pumps, vinegar
<b>41950</b>		<b>Food industry plant and equipment NES</b>
4195010	D	Crushing and grinding plant and equipment, food industry
4195053	D	Cutting machines and equipment, water jet, for the food industry
4195108	D	Filtration plant and machinery, food industry
4195109	D	Filter presses, food industry
4195115	D	Agitators, food industry
4195149	D	Bouillon filters, food preserves industry
4195151	D	Autoclave loading and unloading plant, automatic, food and beverage industry
4195210	D	Conveyors, food processing and packaging
<b>42180</b>		<b>Screeners, mixers, blenders, granulators and centrifuges</b>
4218005	P	Mixers, propeller
4218027	P	Stirrers (agitators)
4218028	P	Stirrers (agitators), magnetic
4218029	P	Stirrers (agitators), vertical, mobile stand mounted
<b>42230</b>		<b>Filters and strainers</b>
4223036	D	Filters, pressure
4223038	D	Filters, high temperature
4223055	D	Filters, liquid fuel
4223112	D	Filter presses, chemical industry

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4223113	D	Filter aids, chemical plant
4223114	D	Filters, alkali
4223115	D	Filters, acid
4223120	D	Filters, process water
4223128	D	Filters for the food industry
4223129	D	Filters for the drinks and beverages industry
4223138	D	Filters, oil, industrial
4223147	D	Filters, cutting fluid and coolant
4223148	D	Filters, dewatering
4223152	D	Filters, internal combustion engine cooling systems
<b>42530</b>		<b>Soap and glycerol/glycerine production plant and equipment</b>
4253006	P	Saponification plant and equipment
<b>42670</b>		<b>Pharmaceuticals and cosmetics production plant and equipment</b>
4267018	D	Filters for the pharmaceutical industry
<b>43500</b>		<b>Textile carbonising, scouring, fulling, washing, teasing, singeing/gassing, bleaching and mercerising machinery and equipment</b>
4350106	D	Mixers and stirrers, textile bleaching
<b>44020</b>		<b>Pulp and cellulose production plant and equipment</b>
4402030	P	Beaters and agitators, wood and paper pulp
4402031	P	Hollanders and potchers, wood and paper pulp processing
<b>45920</b>		<b>Industrial robot components, automated equipment accessories</b>
4592021	D	Flexible piping, high pressure, for robotics applications
4592024	D	Magazine feeders, automatic, for production lines
4592036	D	Couplings, mechanical, for automation devices
<b>46940</b>		<b>Control and transmission units for machine tools</b>
4694022	D	Hydraulic controls and equipment for machine tools, metalworking
4694023	D	Steady rests, hydraulic, for metalworking machine tools
4694025	D	Pressure distributors for hydraulic presses, metalworking
4694032	D	Pneumatic controls for metalworking machines
<b>46950</b>		<b>Metalworking machine tool ancillary equipment and accessories</b>
4695301	D	Press components, metalworking
<b>48900</b>		<b>Reconditioning, repair and maintenance services</b>
4890132	D	Repair and maintenance services for valves
4890133	D	Repair, maintenance and reconditioning services for pumps
4890145	D	Remanufacturing services for pneumatic and hydraulic cylinders
4890152	D	Repair and maintenance services, hydraulic equipment
4890153	D	Repair and maintenance services, pneumatic equipment
4890154	D	Maintenance and reconditioning services for industrial gearboxes
4890201	D	Repair and maintenance services for industrial machinery lubricating systems
<b>84800</b>		<b>Metallurgy and mechanical engineering consultants</b>
8480025	P	Hydraulic plant and equipment engineering consultants
8480120	P	Lubrication plant engineering consultants