

Harmonised HS Code Reference for Marine and Industrial Parts

cBallast · HS 2022 · Customs reference

Why HS codes matter

Every item crossing customs carries a Harmonised System (HS) code — WCO 6-digit identifier, extended to 8-10 digits nationally. Drives import duty, VAT, origin qualification, anti-dumping. Getting the code right at requisition is far cheaper than reclassifying at goods-in.

Mechanical parts

HS	Description
8413.30	Fuel/lube/cooling pumps for IC engines
8413.50	Reciprocating positive displacement pumps
8413.60	Rotary positive displacement pumps
8413.70	Centrifugal pumps
8413.91	Parts of pumps
8414.30	Compressors for refrigeration
8414.80	Other air compressors and gas pumps
8481.10	Pressure-reducing valves
8481.20	Oleohydraulic / pneumatic valves
8481.30	Check (non-return) valves
8481.40	Safety or relief valves
8481.80	Other valves (ball, butterfly, plug, gate, globe)
8481.90	Parts of valves
8482.10	Ball bearings
8482.20	Tapered roller bearings
8482.30	Spherical roller bearings
8482.40	Needle roller bearings
8482.50	Cylindrical roller bearings
8482.91	Parts — balls, needles, rollers
8482.99	Other parts of bearings
8484.10	Metal-composite gaskets, seals, joints
8484.20	Mechanical seals

Electrical

HS	Description
8501.31	DC motors < 750 W
8501.52	AC motors 750 W - 75 kW
8501.53	AC motors > 75 kW

8504.40	Static converters (VFD, UPS, rectifier, inverter)
8535.30	Isolating switches > 1000 V
8536.20	Automatic circuit breakers <= 1000 V
8536.30	Other apparatus for protecting circuits <= 1000 V
8536.41	Relays <= 60 V
8536.49	Other relays <= 1000 V
8536.50	Other switches <= 1000 V
8536.69	Other plugs/sockets <= 1000 V
8536.90	Other switching apparatus <= 1000 V (contactors)
8537.10	Panels, cabinets, boards for control <= 1000 V
8544.42	Insulated conductors <= 1000 V, with connectors
8544.49	Other insulated conductors <= 1000 V
8544.60	Insulated conductors > 1000 V

Instruments

HS	Description
9025.19	Thermometers, RTD probes
9026.10	Flow / level instruments
9026.20	Pressure instruments
9026.80	Other instruments for fluid variables
9027.10	Gas / smoke analysis apparatus
9027.80	Other physical / chemical analysis (TRO, O3, Cl2)
9032.10	Thermostats
9032.20	Pressure controllers (switches)
9032.89	Other regulating instruments (PLC I/O, HMI)

Fasteners, consumables, refrigeration

HS	Description
7318.15	Screws and bolts
7318.16	Nuts
7318.21	Spring washers, lock washers
7318.22	Other washers
4016.93	Rubber gaskets, O-rings
4009.42	Rubber tubes reinforced with textile
8415.82	Air-conditioning with refrigerating unit
8418.61	Heat pumps (not air conditioning)
8418.69	Other refrigeration equipment
8421.39	Filter driers / gas filtering
8531.20	Indicator panels with LCD or LED

Origin rules

HS code alone does not fix duty. Declared country of origin (EN 12251 or trade-agreement rules) determines preferential rates. EUR.1 for EU FTA origin, GSP Form A for less-developed country. Wrong HS or wrong origin proof at shipment = pay 0% vs 8-14% duty on same item.

Related on cBallast

- <https://cballast.com/categories/Electrical>
- <https://cballast.com/categories/Fasteners>
- <https://cballast.com/categories/Instrumentation>
- <https://cballast.com/categories/Bearings>

Reference compiled by cBallast. Trademarks are the property of their respective owners. Consult the governing standard and OEM manual for the current revision before installation, procurement or warranty work. <https://cballast.com>